

**Your High Fidelity
Exhibition Catalogue
and Guide**

**Heathrow Hotel
Heathrow
London**

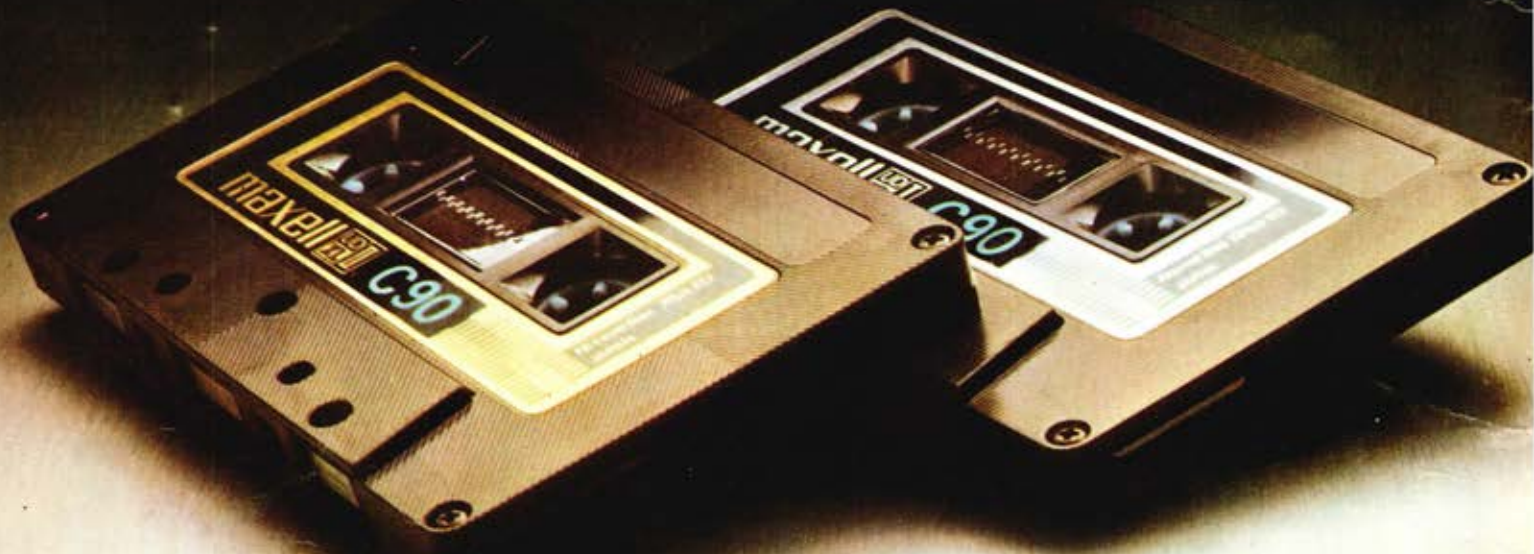
April 19-24 1977

Hi-Fi Weekly

HIGH FIDELITY 77
SPRING EXHIBITION



The competition won't like the sound of this at all.



For nearly two years, other manufacturers have been trying to produce tape with the qualities of the Maxell UD XL.

At the same time, Maxell have been quietly **perfecting** an even better series.

The new UD XL1 and UD XL11 tapes are designed to attain maximum performance at the ferric and chrome position on your tape deck. And Maxell are confidently making this claim: - whichever tape position you choose, no other cassette tape currently available can give you a better performance.

UD XL1 TAPE, FOR THE FERRIC POSITION (120 μ s)

UD XL1 offers an excellent sensitivity of 1 dB higher than even UD XL. MOL performance is also 1 dB higher over the entire audio frequency spectrum.

The result is a new standard in ferric **tape**, with wider dynamic range and less distortion than ever before.

How does UD XL1 compare then, with ordinary low-noise tapes?

Sensitivity is higher by 2.5 dB, and MOL performance by as much as 6 dB.

Yet, for all this UD XL1 requires no special bias or equalization. Simply set your tape selector as you normally would at the ferric position - but there the comparison ends.

UD XL11 TAPE, FOR THE CHROME POSITION (70 μ s)

UD XL11 tape is such a dramatic improvement on other tape that can be used in this position, that comparison is really unfair.

For example, if you're familiar with conventional chromium-dioxide tape, you'll know of the associated problems of head wear, poor output uniformity and relatively high price - plus low maximum output level and rather high distortion.

UD XL11 tape offers you excellent MOL, sensitivity, and an out-

put improvement of more than 2 dB over the entire frequency range.

EVEN THE NEW COBALT-DOPED TAPES CAN'T COMPARE

Maxell's unique 'Epitaxial' process guarantees absolute sensitivity and stability, *and no drop-out problems*. What's more, the shells are moulded in diamond cut dies, and made to tolerances 5 times greater than the Philips standard. And, like all Maxell tapes, UD XL11 has the unique 5-second cleaning leader.

In short, if you're recording in the chrome position, you can now achieve all the advantages - with none of the drawbacks.

A prospect we think you'll find very exciting - even if the competition don't.

maxell®
Pay a little extra,
get a whole lot more.

HIGH FIDELITY

Your High Fidelity Exhibition Catalogue and Guide

Compiled by

Hi-Fi Weekly



Don Quillen



Trevor Horne

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FROM THE ORGANISERS

Welcome to the fourth High Fidelity Spring Exhibition. As organisers, we have acted as catalysts to bring about this event in an excitingly expanding industry.

We feel that the vigour of the British High Fidelity Industry is reflected in this exhibition. Additionally, we believe it will provide the most significant opportunity for manufacturers, importers, wholesalers, dealers and the public to appreciate this capability.

With record numbers of exhibitors, brand names and new product releases, all the ingredients are available to make this the most exciting and successful exhibition we have ever been associated with.

We trust that after either participating in the exhibition, or visiting it, from home or overseas, these expectations are realised.

Don Quillen

Trevor Horne

AR Loud and Clean



the sound you'll want to live with

Loud without clean is just noise. If it's music you want, and you want it loud, it has to be clean. And that's just what the new AR speakers give you.

AR's long-throw acoustic suspension woofers not only reach down to the lowest notes in recorded music, they do it at loud levels without boominess or audible distortion.

Energy-absorbent materials in AR dome midranges and tweeters give you the musical transparency of well-dispersed, crystal-clear highs. And AR tweeters use a unique magnetic coupling fluid to drain away heat and increase power-handling ability.

The new AR speakers easily accommodate the loud levels required

by today's modern music. Even AR's smallest and least expensive speaker system, the AR-17, will handle the power of 100 watt per channel receivers or amplifiers to fill almost any listening room with loud, clean sound. The moderately priced AR-14 will handle amplifiers up to 150 watts per channel, and our widely acclaimed AR-11 will handle the output of today's most powerful superamps.

Before you choose a loud-speaker, take your favorite record to your AR dealer. Ask him to play it through any of our new loud and clean speaker systems, using any amplifier or receiver you choose from his sound room. We think you'll find the *new* loud and clean AR sound the one you want to live with.

For complete product information and a list of loud and clean AR dealers, use the reader service card or write to



**TELEDYNE
ACOUSTIC RESEARCH**

HIGH STREET, HOUGHTON REGIS
DUNSTABLE, BEDS. LU5 5QJ
TELEPHONE (0582) 603151

Please send details on AR loudspeaker systems

Name

Address

Your greatest value in stereo: Sansui 331 Receiver.

You can have the superb, clean sound that made Sansui famous, without spending a lot of money, in the modestly-priced 331 stereo FM/AM receiver.

It's inexpensive because its simple, straightforward design has been trimmed of infrequently-used controls, and non-essential "convenience" features.

But, as serious audiophiles have come to expect from Sansui equipment, the 331 reproduces music over a broad dynamic range, cleanly and without colouration. Its excellent performance earned immediate praise from the critics, establishing its solid reputation as a high quality audio instrument.

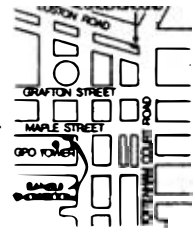
If you would like to buy a receiver which enables you to enjoy all the subtle nuances of recorded and broadcast high fidelity sound, and still have something left over in your music budget, listen to the 331 stereo receiver in

your Sansui dealer's demonstration room. Find out just how much quality you can get for your money in fine audio equipment.

Visit our London Showroom, just next to the G.P. O. tower, for an exciting demonstration of Sansui audio products.

Sole importer for the U.K.: Vernitron Ltd.,
Thornhill, Southampton, S095 QF,
England.

Sansui Audio Europe S.A., North Trade Building,
Noorderlaan 133, 2030 Antwerp, Belgium.
Sansui Electronics Corporation, 55-11 Queens
Boulevard, Woodside, N.Y. 11377, U.S.A.
Sansui Electric Co. Ltd., 14-1, 2-chome, Izumi,
Suginami-ku - Tokyo 168, Japan.



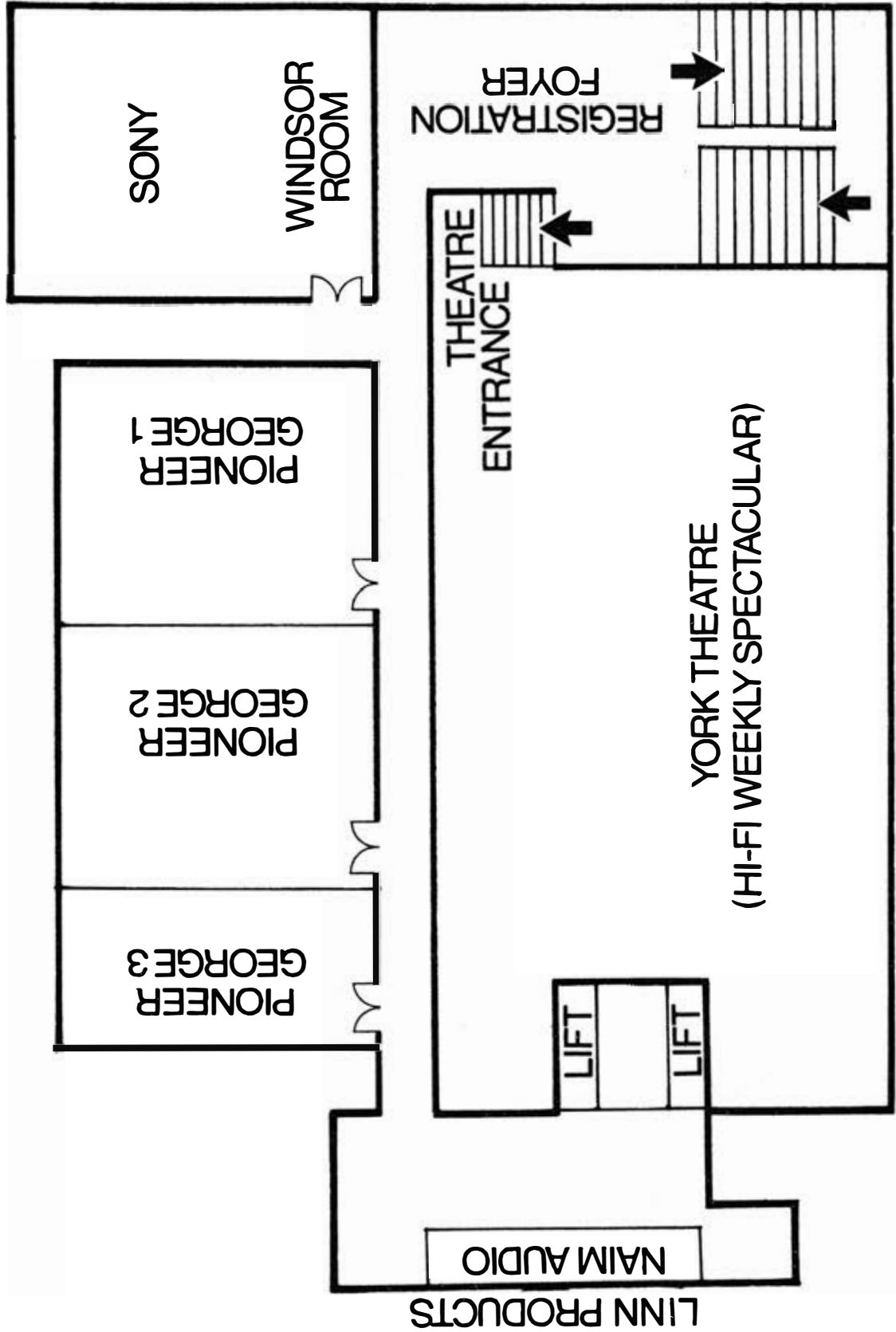
Closed Mondays



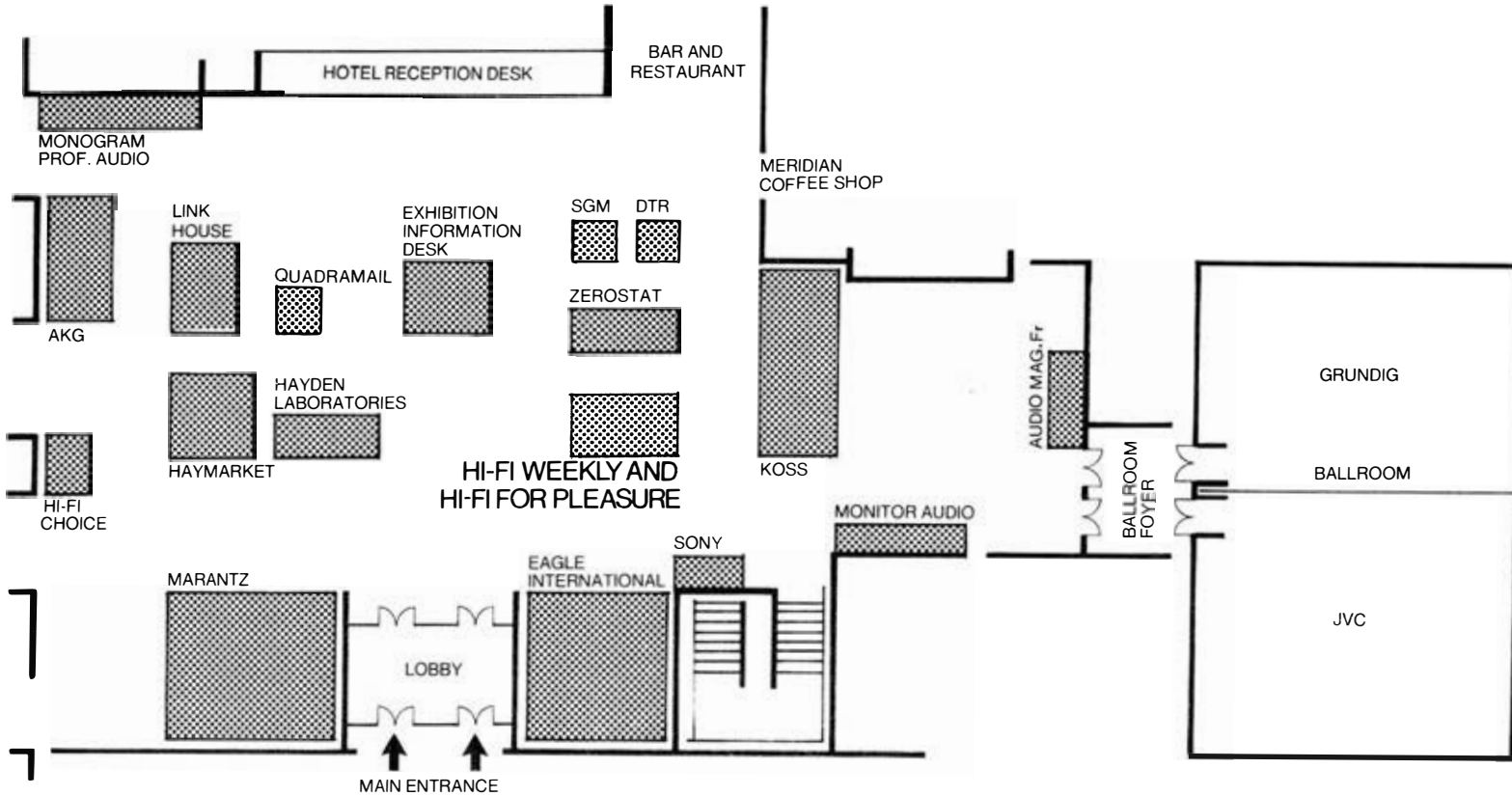
Thank you for listening.



LOWER GROUND FLOOR



HOTEL FOYER AND BALLROOM



HIGH FIDELITY 77

FIRST FLOOR EXHIBITION AREA

1218 REST ROOM	1217 FOOD AND BEVERAGE	1216 FOOD AND BEVERAGE
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1219 KEESONIC
1220 BSR (ADC)
1221 PRESS OFFICE

1052 FOOD AND BEVERAGE
1053 FOOD AND BEVERAGE
1054 BAUCH
1055 BAUCH
1056 SOUNDS PROFESSIONAL
1057 NEAL
1058 LECSON
1060 KF FARNELL
1062 JANOR HURST
1064 HAMMOND
1066 HAMMOND
1068 SON-AUDAX
1070 DES
1072 TDK
1074 AR
1076 AR
1078 AR

1047 RESTROOM

1046 UHER	1044 FOGG	1042 CELEF	1040 CELEF	1038 SUMMIT BEST	1036 KEF	1034 KEF	1032 GRABERN	1030 GALE	1028 GALE	1026 METRO-SOUND	1024 METRO-SOUND	1022 SOLUS	1020 CHARTWELL	1018 AUDIO & VISION FURNITURE
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1045 UHER	1043 AMSA	1041 AMSA	1039 HOWLAND WEST	1037 HOWLAND WEST	1035 IMF	1033 IMF	1031 GRABERN	1029 ZEROSTAT	1027 ZEROSTAT	1025 ZEROSTAT	1023 BSR	1021 BSR	1019 AGFA GEVAERT	1017 AGFA GEVAERT
1059 KANESHI												1015 ROSS		
1061 JANOR HURST												1013 ROSS		
1063 HAMMOND												1011 DIRECT DESIGNS		
1065 HAMMOND												1009 MORDAUNT SHOP		
1067 SON-AUDAX												1007 WEBLAND		
1069 HIGHGATE												1008 WEBLAND		
1071 TOSHIBA												1003 BOSE		
1073 QUAD												1001 BOSE		
1075 QUAD	1089 BIB	1093 AR	1099 TOSHIBA	1105 HIGHGATE										1111 MONITOR AUDIO
1077 HAYDEN LABS														

1083 BIB	1084 TRIO	1085 AUDIO DECKS DUAL	1087 TDK	1090 HAYDEN	1094 VERNITRON SANSUI	1100 TRIO	1106 MISSION	1110 CELESTION	1114 PYSE
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HIGH FIDELITY

1214 BASF	1212 HI FI NEWS	1210 A & R C&MB: RIDGE, REGA TANGENT	1208 NYTECH	1206 NYTECH	1204 PYRAL	1202 QUANTUM	1200 GRAM- OPHONE	1198 RANK	1196 RANK	1194 CAMBRA CASES	1192 INTER- STANDS	1190 PRACTICAL HI FI & AUDIO	1189 CERWIN- VEGA	1188 CERWIN- VEGA	1187 DTR (STAG)	1186 FOOD AND BEVERAGE	1185 FOOD AND BEVERAGE	1184 PHOTO
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1215 BASF	1213 MARANTZ	1211 MARANTZ	1209 QAS	1207 QAS	1205 ENVIRON- MENTAL SOUND	1203 SGM	1201 RANK	1199 RANK	1197 RANK	1195 RICHARD ALLAN	1193 RICHARD ALLAN	1191 NIPPRO ENIGMA TVA	1179 ARTIFACT
1016 ORGANISERS OFFICE												1177 PARKAR	
1014 SOUND SENSE HI FI												1175 PARKAR	
1012 R.I. AUDIO												1173 NATIONAL PANASONIC	
1010 CONNOISSEUR												1171 NATIONAL PANASONIC	
1008 CONNOISSEUR												1169 TECHNICS	
1006 STRATHEARN												1167 RAM	
1004 STRATHEARN												1165 GOODMANS	
1002 STRATHEARN												1163 GOODMANS	
LIFTS	1123	1125	1129 TANNOY			1133 TANNOY	1135 TANNOY	1137 WILMEX	1139 WILMEX	1141 ROGERS	1143 ROGERS	1145 SAS	1147 EXPOTUS
LIFTS	TAPE MUSIC LOUDSPEAKER												

1121 NATURAL SOUND SYSTEMS	1122 NATURAL SOUND SYSTEMS	1126 NATURAL SOUND SYSTEMS	1130 AIWA	1134 AIWA	1136 TANNOY	1138 CELESTION	1140 MONOGRAM	1142 EXPOSURE	1144 GARRARD	1146 NIGHT- INGALE	1148 EXPOTUS
1120 MONITOR AUDIO											
1119 OMEX											
1118 AKG											
											1149 TANNOY

FOOD AND BEVERAGE

1178 MILTY
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1174 MILTY
STAIRS
1172 CASTLE ACOUSTICS
1170 FRASER
1168 SETTON
1166 SHURE
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1162 SHURE
1160 CONDOR
1159 CONDOR
1158 CONDOR
1157 CONDOR
1156 TAPE RECORDER SPARES
1155 TAPE RECORDER SPARES
1154 REST ROOM

the best choice...

Comet have been discounting Hi-Fi since 1968 and that makes us not only the biggest but one of the oldest-established discounters in the UK.

Goodmans, Akai, Wharfedale, Pioneer, Marantz, Leak and Sansui . . . these are only a few of the famous high fidelity names you'll find in our warehouses and shops. All available at discount prices and backed by the Comet Promise of 12 months' free service, including parts and labour.

As specialists in the Hi-Fi field we give you expert, on-the-spot advice – whether you need a budget-priced audio system, a super stereo installation or wall-to-wall quadraphonic sound.

Remember, you choose only from the best at Comet . . . the company that's high on fidelity and low on price.

...that's **COMET**

COMET DISCOUNT WAREHOUSES

SCOTLAND: Dundee, Dunfermline, Edinburgh, Kilmarnock, Glasgow.

NORTHERN ENGLAND: Barnsley, Birkenhead, Blackburn, Bolton, Bradford, Bridlington, Burnley, Darlington, Dewsbury, Doncaster, Driffield, Goole, Grimsby, Halifax, Horsforth, Huddersfield, Hull, Jarrow, Keighley, Lancaster, Leeds, Liverpool, Newcastle, Pontefract, Preston, Rochdale, Rotherham, Scunthorpe, Sheffield, Stockport, Stockton, Sunderland, Wakefield, Wigan, York.

MIDLANDS: Birmingham, Burton-on-Trent, Hanley, Leicester, Mansfield, Norwich, Nottingham/Derby, Nuneaton, Shrewsbury, Willenhall, Wolverhampton

LONDON: Bexleyheath, Guildford, Dagenham, Potters Bar, Hackbridge (Nr. Croydon), Hayes (Middlesex), Kingston-upon-Thames.

SOUTH: Bournemouth, Brighton, Eastleigh, Ipswich, Luton, Oxford, Portsmouth, Reading, Rochester, Southend.

WALES AND SOUTH WEST: Bristol, Cardiff, Exeter, Gloucester, Newport, Plymouth, Torquay.

ECLIPSE DISCOUNT STORES:
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Well played... SENNHEISER



The HD 400 — A new model at a competitive price. Featherweight, comfortable and superb performance.

The HD 414X — An improved version of the well known HD 414, with sales in excess of 1 million. Lightweight, comfortable and with a performance recognised in many professional circles, for its high quality.

You get a fair deal from Sennheiser so why not call on your local dealer today for a demonstration and join the family of Sennheiser enthusiasts.

To learn more about the equipment write for a brochure or consult your local Sennheiser dealer.

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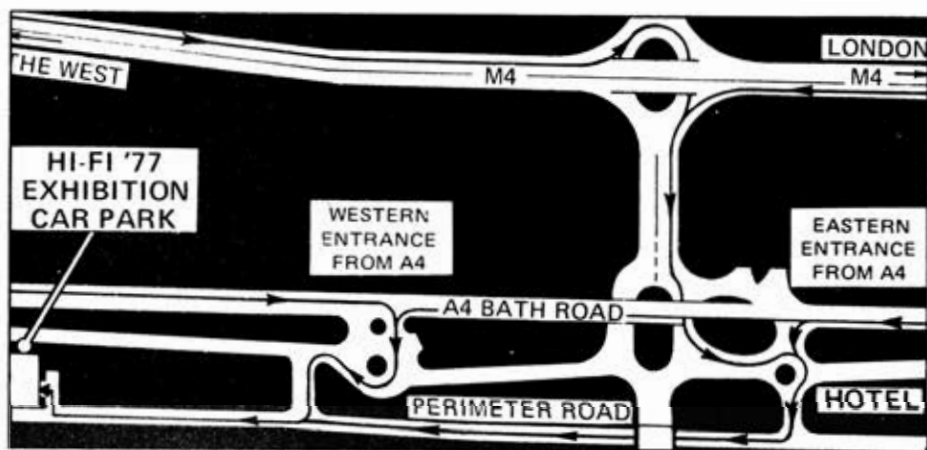
HD 224 X

HD 424 X

HAYDEN

Please send more details on Sennheiser Headphones

Name _____
Address _____
Code HFW _____



Opening times

Trade only

Tuesday April 19: 10am - 6pm
 Wednesday April 20: 10am - 6pm
 Thursday April 21: 10am - 6pm

Public

Friday April 22: 11am - 9pm
 Saturday April 23: 11am - 9pm
 Sunday April 24: 11am - 6pm

Organiser's Office Rooms 1016

Don Quillen, Trevor Horne, Barry Horne and the High Fidelity '77 organising team will be masterminding the exhibition from the Organiser's Office. If you have any queries, problems or suggestions regarding the exhibition feel free to come along and discuss them. We will do our best to help you in any way we can.

Registration

For trade visitors, exhibition traffic past the trade registration desk will be faster than ever. If you mail in your registration card in advance, your pocket badge will be ready waiting for you at the desk marked "ADVANCE REGISTRATION" in the exhibition reception area on the lower ground floor.

For trade visitors who have not pre-registered, a separate registration desk will be found alongside and a typist will fill out your card and pocket badge while you wait.

Dealer Seminar

Details of the free *Hi-Fi Weekly* Dealer Seminar to be held on Tuesday and Wednesday afternoon may be obtained from the *Hi-Fi Weekly* stand in the Foyer. Only 250 seats per day are available — so make sure of your place by arriving before 2.30 pm!

Hotel Accommodation

Planning to stay overnight? Take advantage of the special reduced rates available only to High Fidelity '77 exhibition visitors. Contact the organisers office now!

Press Office: Room 1221

Members of the Press are welcome to visit Room 1221 where David Watson or Noel Bell of Infopress Limited will be pleased to discuss any aspects of the exhibition, the exhibitors or the equipment on display that may interest them.

Ladies' Rest Room/ Baby Care: Room 1047

Ladies! If you are planning to bring a baby or small children to the exhibition we have prepared a room specially for feeding, nappy changing or just relaxing and resting tired legs.

Cloakrooms, Public Toilets

Public toilets and cloakroom facilities can be found in and around the hotel main foyer on the ground floor. Doors marked "Ladies" and "Gents" toilets may also be found on the first floor area.

Hostesses

High Fidelity '77 uniformed hostesses will be seen bustling about the exhibition. If you feel that one of them could help you find an exhibitor, locate the Press Office, the organiser, a bar or restaurant or anything else, stop her — she will be delighted to help you.

Car Parking

Private car parking in the area of London Airport is a major problem. However, in an effort to facilitate trouble free parking, the British Airport Authority have made available exclusively for the use of visitors to the exhibition, the Long Term Car Park West in Northwood Road, off the North Perimeter Road. Parking in this car park will cost 30p per car.

No cars will be allowed to be parked in the vicinity of the Heathrow Hotel and parking is strictly prohibited within the London Airport area other than in official car parks. It is recommended therefore, that visitors coming by car, follow the AA signs to the Long Term Car Park West, from where a free mini bus service runs to and from the Heathrow Hotel.

Your attention is drawn to the fact that under the present regulations the London Airport Police have the authority to remove any vehicle parked other than in an official car park and that the towing fee and statutory fine is £21.00! SO, FOLLOW THE AA SIGNS TO THE OFFICIAL CAR PARK and save yourself the hassle of finding the police car pound!

Courtesy Coach Service

For visitors who come to the exhibition by public transport, the nearest London Underground Station is HATTON CROSS on the S.W. side of London Airport. A free continuous minibus service will operate between Hatton Cross Station and the Heathrow Hotel, throughout the Exhibition.

Hotel Services

London Chop House

Full buffet-style English breakfast at an all-in price of £2.10 or a Continental-style breakfast at £1.20 will be served between 7 and 9.30 am. Luncheon served 12.00 — 2.45 pm, Sunday 12.00 — 2.00 pm. Monday to Friday Dinner served 6-11 pm every day

Sir Francis Drake Room

Art Gallery Bar open from 10.00 — 2.30 pm and 6.00 — 8.00 pm. Disco/Dancing from 9.00 — 10.00 pm Entrepols Discotheque (closed Sunday night).

Flying Machine Bar

Tuesday to Thursday
 10.30 am — 2.30 pm
 2.30 pm — 5.30 pm (residents only)
 5.30 pm — 10.30 pm
 10.30 pm — 1.00 am (residents only)
 Friday and Saturday
 10.30 am — 2.30 pm
 2.30 pm — 5.30 pm (residents only)
 5.30 pm — 11.00 pm
 11.00 pm — 1.00 am (residents only)
 Sunday
 12.00 — 2.00 pm
 Closed afternoon
 7.00 pm — 10.30 pm

Room Service

Available 24 hours a day, every day

Health and Sauna

Sauna, solarium, beauty treatment available 10.00 am — 10.00 pm, Monday to Saturday — book early

Refreshments

Tea, coffee and light refreshments will be available in the Swimming Pool area, from Friday to Sunday. Special exhibition lunches at an all-in price of £2.00 are available each day between 11.30 am and 3.00 pm in the Sir Francis Drake Room.

This year, when you read 'higher power' it usually means inferior sound.

Some hi-fi manufacturers seem to be in the fashion business. Every year another step closer to reality. New models. New designs. And always more and more power. Supposedly at no extra cost.

But to give you all this and more for the same is impossible. Even to stand still is expensive.

Something has to be sacrificed.

All too often, it's quality. Compare the new with the old. Perhaps the components are cheaper. The finish is not all that it was.

But, almost certainly, the power output will have increased. From necessity. To get anything approaching a reasonable sound, the amplifier has to be driven with more and more in reserve. Because there is more distortion, introduced by the savings made elsewhere.

Put quite simply, power isn't everything. And sometimes it's nothing. Remember the old valve amplifier? Often with an output of no more than fifteen watts. It did the job because it could be driven to the full. But cheap transistors can't. So you end up paying for power you can't use.

At Setton we disagree.

From the moment you first touch a Setton you know you have found quality which will be hard to surpass. Every control operates with absolute precision and authority because, from conception, a fundamental decision was taken to eliminate compromise.

For six years fifty technicians and designers have worked and researched to produce the finest range of amplifiers and receivers.

Nothing has been left to chance. Not only is reliability inherent in the design, thorough and continuous quality control is rigorously applied at every stage of manufacture.

Like all Settons, the RS440 receiver is equipped with sophisticated protection circuits. Using power relays, these offer virtually unconditional protection to the electronics. Visual confirmation is provided by a security panel fitted to the front of the unit. Other features include three tone controls, for bass, middle and treble. And the direct coupled OCL power amplifier gives a conservative output of 55 watts RMS.

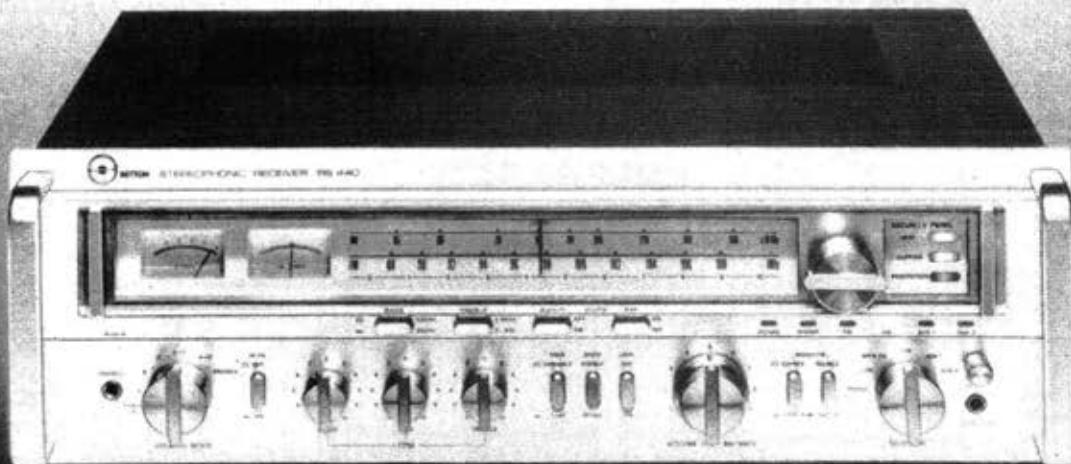
The interior is remarkable for a lack of connecting wires. But, where they exist, the connections are 'wrapped' rather than soldered. Avoiding the possibility of dry joints and breakage.

As you soon realise, Setton is built to a standard. Not to a price. And every amplifier and receiver is fully guaranteed for five years.

There is really no reason why you should have to change your Setton any more often than your house.

But everything is subordinate to one purpose, the sound. And every watt is a useable watt.

Should only the best be acceptable, you will want to know more. Complete the coupon for detailed information and the name of your nearest dealer.



Setton. Clarke Road, Mount Farm, Milton Keynes, Buckinghamshire.
Please send me a copy of your brochure.

Name _____

Address _____



NEW

SEE AND HEAR US AT
HIGH FIDELITY 77
ROOM No. 1110
HEATHROW HOTEL
LONDON AIRPORT
APRIL 19-24

...the only speaker that could successfully come between the famous 15 & 33.

The Celestion Ditton 22 has been added to the popular Ditton series especially for the discerning audiophile who demands large system performance, but cannot accommodate a big loudspeaker.

Utilising an 8 inch bass unit and 5 inch mid-range, specially designed and built by Celestion, plus impressive HD 1000 dome tweeter, the Ditton 22 is a compact 3 way system capable of

delivering the sort of sound you would normally expect from a much larger loudspeaker.

You don't have to take our word for it-why not audition the Ditton 22 at your local dealer's showroom. We are sure that you will hear what we mean.



Send this coupon for literature or ask your dealer for a demonstration.

Name _____

Address _____

Rola Celestion Ltd., Ditton Works, Foxhall Road, Ipswich, Suffolk IP3 8JP. Telephone: Ipswich (0473)73131. Cables: Voicecoil, Ipswich. Telex: 98365-

Brand names and where to find them

Accuphase	Room: 1114	George Hadcock	Room: 1142	Quad	Room: 1073/1075
ADC	Room: 1220	Goodmans	Room: 1161/1165	Quantum Audio	Room: 1202
Agfa-Gevaert	Room: 1017/1019	Grace	Room: Lower Ground Floor	QAS	Room: 1207/1209
Aiwa	Room: 1130/1134	Groovac	Room: 1012	Ralco	Room: 1014
Akai	Room: 1197	Grundig	Room: Ballroom	Ram	Room: 1167
AKG	Room: 1118/Main Foyer	Harman-Kardon	Room: 1129/1133	Ramko	Room: 1014
Alpha	Room: 1069/1105	Harrison	Room: 1147/1148	Rega Research	Room: 1210
Altec Lansing	Room: 1031/1032	Howland West	Room: 1037/1039	Revox	Room: 1054/1055
Apollo	Room: 1137/1139	IMF Electronics	Room: 1035	Richard Allan	Room: 1193/1195
A & E Research	Room: 1210	Isophon	Room: 1077/1090	Rogers	Room: 1141/1143
A & R Cambridge	Room: 1078/1093	JBL	Room: 1063	Ross Electronics	Room: 1013/1015
AR	Room: 1031/1032	Jennings Research	Room: 1061/1062	Rotel	Room: 1199
ARD	Room: 1061/1062	JR Loudspeakers	Room: 1123/1125	SAE	Room: 1070
Arnold Electronics	Room: 1018	JVC	Room: Ballroom	Sankyo	Room: 1005
Audio & Vision	Room: 1137/1139	Keesonic	Room: 1219	Sansui	Room: 1094
Audio Lab	Room: 1041/1043	KEF	Room: 1034/1036	SAS	Room: 1145
Audio Magnetics	Room: 1155/1156	KLH	Room: 1007	Satin	Room: 1037/1039
Audio Packs	Room: 1114	Koss	Room: Main Foyer	Sennheiser	Room: 1077/1090
Audio Technica	Room: George 1,2,3	Leader	Room: 1064	Sequerra	Room: 1070
Backes & Müller	Room: 1147/1148	Leak	Room: 1196	Setton	Room: 1168
BASF	Room: 1214/1215	Lecson	Room: 1058	Sheffield	Room: Main Foyer
BEK	Room: 1022	Lenco	Room: 1065	Shure	Room: 1162/1164
BGW	Room: 1007	Lentek	Room: 1025/1029	Solus	Room: 1022
BIB	Room: 1083/1089	Linn Isobarik	Room: Lower Ground Floor	Son-Audax	Room: 1067/1068
Binatone	Room: 1175/1177	Linn Sondek	Room: Lower Ground Floor	Sonus	Room: 1066
B & N Radford	Room: 1031/1032	Lux	Room: 1037/1039	Sony	Room: Main Foyer/Windsor Room
Bose	Room: 1001/1003	Marantz	Room: 1211/1213/Main Foyer	Soundcraftsmen	Room: 1070
BSR McDonald	Room: 1021/1023	Maxell	Room: 1121	Sound Technology	Room: 1064
Cambra	Room: 1194	Metrocare	Room: 1024/1026	Stag	Room: 1187/Main Foyer
Cambridge Audio	Room: 1066	Micro-Acoustics	Room: 1007	Stanton	Room: 1137/1139
Carltone	Room: 1170	Micro Seiki	Room: 1135	Stark Design	Room: 1140
Castle Acoustics	Room: 1172	Mission	Room: 1106	Stag Audio	Room: 1187/Main Foyer
CEC	Room: 1046	Monitor Audio	Room: 1111/11120/Main Foyer	Stax	Room: 1137/1139
Celef	Room: 1040/1042	Monogram	Room: 1140/Main Foyer	Strathearn	Room: 1002/1004/1006
Celestion	Room: 1110	Mordaunt-Short	Room: 1009	Studiocraft	Room: 1001/1003
Cerwin-Vega	Room: 1188/1189	NAD	Room: 1114	Summitbest	Room: 1038
Chartwell	Room: 1020	Naim	Room: Lower Ground Floor	Superscope	Room: 1211/1213/Main Foyer
Clean-Oil	Room: Lower Ground Floor	Nakamichi	Room: 1126	Supex	Room: Lower Ground Floor
Collaro	Room: 1069/1105	National Panasonic	Room: 1171/1173	Tangent	Room: 1210
Condor	Room: 1159/1160	NEAL	Room: 1057	Tannoy	Room: 1129
Connoisseur	Room: 1008/1010	Nightingale	Room: 1146	TDK	Room: 1087
Curb	Room: 1061/1062	Nippro	Room: 1191	Teac	Room: 1078
Dahlquist	Room: 1077/1090	Nytech	Room: 1206/1208	Teac-Tascam	Room: 1078
Dayton-Wright	Room: 1142	Omex	Room: 1119	Technics	Room: 1169
dbx	Room: 1074	Opus	Room: 1203/Main Foyer	Tenorel	Room: 1160
Denon	Room: 1142	Orpheus	Room: 1060	Thorens	Room: 1024/1026
Direct Design	Room: 1011	Ortofon	Room: 1135	Three Blind Mice	Room: 1137/1139
Disc-A-Vac	Room: 1061/1062	Otari	Room: 1064	Toshiba	Room: 1071/1099
Disk 22	Room: 1137/1139	Peerless	Room: 1013/1015	Trio	Room: 1084/1100
Dokorder	Room: 1070	Phase Linear	Room: 1063	TVA	Room: 1191
Dual	Room: 1085	Pickering	Room: 1069/1105	Uher	Room: 1045/1046
Eagle	Room: Main Foyer	Pioneer	Room: George 1,2,3	Unisound	Room: 1159
EARC	Room: 1056	Pixall	Room: 1174/1176/1178	Ultimo	Room: 1157/1158
Elizabethan	Room: 1170	Polyplanar	Room: 1069/1105	Vac-O-Rec	Room: 1011
Empire	Room: 1077/1090	Proac	Room: 1040/1042	Visionik	Room: 1046
Encore	Room: 1179	Profile	Room: 1022	Vogels	Room: 1022
Enigma	Room: 1191	Pyral	Room: 1204	Wharfedale	Room: 1198
Environmental Sound	Room: 1205			Yamaha	Room: 1122
Exposure	Room: 1142			Zeepa	Room: 1022
Fidelity Research	Room: 1137/1139			Zerostat	Room: 1027/ Main Foyer
Fidelix	Room: 1137/1139				
Fogg	Room: 1044				
Fuji	Room: 1114				
Gale	Room: 1028/1030				
Garrard	Room: 1144				
GAS	Room: 1077/1090				

don't gamble
with
headphones—

—at last quality
headphones worthy
of the name Goodmans

Goodmans OHP 10

OHP 10 Orthodynamic Stereo Headphones

The drive unit is designed on the patented orthodynamic principle in which a diaphragm is uniformly driven all over its surface giving high sensitivity with wide range near-flat response at low distortion.

Precision made and ruggedly constructed, the OHP 10 will last many years and give hours of enjoyment. The ear pieces have soft comfortable pads and are of the semi-open type which avoids any feeling of total isolation and permits urgent sounds, such as door-bell and telephone, to be heard. The headband adjusts easily and the total weight (210 grams/7½ozs.) is so light that listening for extended periods is wholly enjoyable.

Each drive unit consists of an ultra thin film diaphragm sandwiched between two ferrite discs, perforated so as to be acoustically transparent and whose fields are radially orientated. The diaphragm, which is corrugated and suspended at its centre and circumference, has a spiral conductor deposited in four bands on its surface, alternate bands spiralling in opposite directions.

The drive units are mounted in ear cups of the semi-open type with bass loading slots and internal damping.

The standard stereo jack supplied fits the large majority of high fidelity equipment including all the Goodmans range.

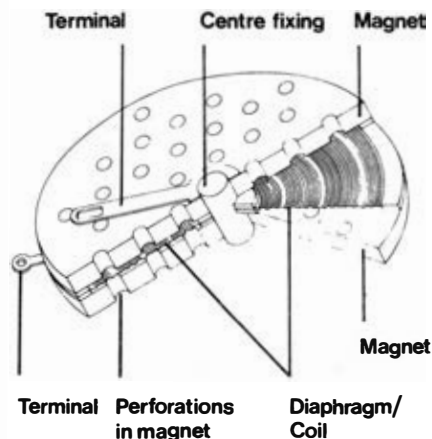
Sensitivity, power handling and impedance suit typical amplifier headphone outputs without changing the volume control setting usually chosen for loudspeaker listening.



Write for full technical specifications of these headphones and Goodmans range of associated high fidelity equipment

Goodmans

Goodmans Loudspeakers Limited,
Downley Road, Havant, Hants.
PO9 2NL, England.



Specification

Impedance	140 Ohms
Frequency Range	16–20,000 Hz
Sensitivity	> 90 dB for 1 mW
Harmonic Distortion	< 1%
Power Handling (DIN)	2 Watts
Cable Length	Approx. 2.5 metres
Weight	210 grams

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

This index lists the manufacturers and distributors at High Fidelity '77, in alphabetical order. All products to be seen are listed with particular reference to new products being shown for the first time, being listed with an asterisk before the model number. A separate paragraph gives a modest technical description of the new products, this appearing at the foot of each entry. A cross reference to the brand names, room numbers and product categories is to be found in two separate "rapid location indexes" to be found on page 15.

Acoustical Manufacturing Co Rooms 1073/1075

St. Peter's Road
Huntingdon PE18 7DB
Tel: Huntingdon (0480) 52561
Contact: Mr. R. Walker, Mr. P. Walker

Products on show:

Quad 33 stereo control unit
Quad 303 stereo power amplifier
Quad 405 stereo power amplifier
Quad FM3 stereo tuner
Quad Electrostatic speaker

AGFA-Gevaert Limited Rooms 1017/1019

27 Great West Road
Brentford, Middlesex
Tel: 01-560 2131
Contact: E. A. Bowden

Products on show:

Agfa reel-to-reel tape: PE36 long play, PE46 double play, PE66 triple play, PEM368 long play, PEM268 double play.
Agfa cassettes: Carat (ferrichrome), Stereochrome, Super-ferrodynamic. Plus a range of accessories for open reel and cassette recorder.
*A special competition is open to Trade and Public visitors, entry forms available in the display rooms.

Aiwa Sales Limited Rooms 1130/1134

30-32 Concorde Road
Westwood Park Trading Estate
Western Avenue, London W3
Tel: 01-993 1673
Contact: Mr. D. Bartrip

Products on show:

AF-5050 musicentre
AF-5080 musicentre

AD-1250 cassette deck
AD-1600 cassette deck
AD-1800 cassette deck
AD-6300 cassette deck
AD-6500 cassette deck
AX-7500 receiver
AF-3060 compact receiver/cassette recorder

Portable Cassette Recorders:

TP 748
TP 762
TP 772

Portable Radio/Cassette Recorders:

TPR 206, TPR 216, TPR 250, TPR 300, TPR 910, TPR 940, TPR 203, TPR 220, TPR 501, TPR 605

In-car equipment:

CT 1050 cassette deck
CTR 2020 radio/cassette deck
CTR 2030 radio/cassette deck
SC 27 and SC 19 speakers

Headphones:

HP500
HP 30
Plus a range of microphones and accessories
* Aiwa Ferrichrome C-60 cassettes
* Aiwa LH C-60 and C-90 cassettes

New products:

Introducing a new range of cassettes, the Aiwa Ferrichrome and LH types will be compatible with the Aiwa range of cassette recorders as well as many others of Japanese origin.

AKG Equipment Limited Room 1118

182-184 Campden Hill Road
London W8 7AS
Tel: 01-229 3695
Contact: Mr. J. S. Barnes

Products on show:

K-40 headphones
K-140 headphones
K-160 headphones
K-240 headphones
*TSP6R cartridge
*TSP6E cartridge
*TSP7E cartridge
*TSP8E cartridge
*TSP8ES cartridge

New products:

A new range of five moving iron magnetic cartridges are to be introduced. Utilizing a specially developed stylus pivot system, the cartridges are claimed to offer a high transient and tracking performance and to suit a wide variety of pick-up arms.

AMSA Magnetics Limited Rooms 1041/1043

121 Loverock Road
Reading, Berkshire
Tel: Reading (0734) 598036
Contact: Mr. D. Johnson

Products on show:

Cassette tape:

Standard and Super C-60, C-90, and C-120
Extra-High Energy (XHE type) C-45, C-60, C-90 and C-120
Plus a range of 8-track, reel-to-reel tapes and accessories.

A & R (Cambridge) Limited Room 1210

French's Mills
French's Road
Cambridge
CB4 3NP
Tel: Cambridge (0223) 54507
Contact: Mr. T. Dawson

Products on show:

A60 amplifier

Artifact Designs Limited Room 1179

35 Queen Street
Henley-on-Thames
Oxon RG9 1AR
Tel: Henley-on-Thames (049 12)6037
Contact: Mr. J. R. Hex

Products on show:

Encore record racks in 5 bay or 2 bay units taking 100 or 40 LP's respectively; plus castor sets.
Encore cassette holders to store, 15, 25 or 40 cassettes.

Both the above items are being exhibited for the first time. The record racks are constructed of smoked acrylic sheets with white moulded polystyrene dividers. The unit is packed flat ready for assembly. The new cassette storage racks are also moulded from smoked acrylic in a brushed anodized aluminium frame.

Audio and Vision Furniture Limited Room 1018

29 Hope Road
West End
Southampton
Tel: West End (042 18) 3065
Contact: Mr. B. Barker

Products on show:

Speaker stands:

Universal
Universal Vari-tilt
KD Custom
HC 12 KD
*KD Custom (adjustable width)
Adjustable musiccentre stand
*Musiccentre stand

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

New products:

The main feature of the new KD Custom Speaker stand is an adjustable width facility. The additional musiccentre stand features an equipment tray trimmed in chrome and teak or rosewood with extra storage facilities.

Audiodecks Limited

Room 1085

P O Box 7
Wetherby
West Yorkshire
Tel: Wetherby (0937) 5477
Contact: Mr R Farnell

Products on show:

From Dual:

C 901 cassette deck and CH 90 cover
C 919 cassette deck including cover
CS 704 turntable
CS 1249 auto-turntable
CS 1249 chassis turntable
CS 601 turntable
CS 510 turntable
*CS 502 turntable
CS 1225/1 turntable
CV 121 amplifier
CT 110 tuner
CT 19 tuner
CL 240 speaker
CL 270 speaker
CL 380 speaker
*CL 450 speaker
*CL 470 speaker
*CL 490 speaker
LF2 speaker stands
Trolley
PT4 speaker Stands
Record housing pack

New products:

The CS 502 is a semi-automatic belt drive turntable offering a choice of two speeds, 33.3 and 45 rpm, adjustable tracking force and bias adjustment scaled for elliptical and conical syli.

BASF United Kingdom Limited Rooms 1214/1215

2 Fitzroy Street
London
W1
Tel: 01-637 8971
Contact: Mr R Jordan

Products on show:

BASF reel-to-reel 1/4 in tape

LP35LH long play, DP26LH double play, DP26 Super LH double play, LP35 Super LH long play, LPR35LH, DPR26LH matt-back professional.

BASF cassettes

LH C60, LH C90, LH C120. LH Super C60, LH Super C90, LH Super C120. Chromium C60, C90, C120. Ferrochrom C60, C90.

Complete range of Checkpoint accessories

CC9110 CrO₂ portable cassette recorder
CC9341 radio/cassette recorder
*CC9210 portable cassette recorder
8200 cassette deck

New products:

The CC 9210 CrO₂ portable cassette recorder is a mono machine with a tape selector for ferric, chrome, and ferrichrome types and features a built-in microphone and connection sockets for a range of sources and mains/battery operation.

FWO Bauch Limited Rooms 1054/1055

49 Theobald Street
Borehamwood
Herts WD6 4RZ
Tel: 01-953 0091
Contact: Mr P Elliott

Products on show:

From Revox:

*A740 power amplifier
A 722 power amplifier
A78 integrated amplifier
A76 FM tuner
A720 digital FM tuner/pre-amp
A77 tape deck
A700 tape deck
AX5/4 speaker
RH31 headphones

New products:

The A740 is a stereo power amplifier offering up to 175W into a 4 ohm speaker load. It features peak programme meters and independent sensitivity controls on the inputs.

BIB Hi-Fi Accessories Limited

Rooms 1089/1083

P.O. Box 78
Hemel Hempstead
Herts HP2 4RH
Tel: Hemel Hempstead (0442) 61291
Contact: Mr G Skelly

Products on show:

The complete range of record and tape care accessories, including a new anti-static record care kit Ref. 106.*
The spring catalogue containing details of all BIB's products will be available.

Bose (UK) Limited Rooms 1001/1003

Gas Road
Milton Regis
Sittingbourne
Kent
Tel: Sittingbourne (0795) 75341
Contact: Mr N Pierce

Products on show:

From Bose:

901 Series 3 speaker
501 speaker
301 speaker

From Studiocraft:

110 speaker
220 speaker
330 speaker
440 speaker

BSR Limited Rooms 1021/1023

Powke Lane
Cradley Heath
Warley
Worcester
B64 5QH
Tel: Cradley Heath (0384) 65191
Contact: Mrs M Livesey

Products on show:

From BSR:

BDS 95 turntable
BDS 80 turntable

From ADC:

Accutrac 4000 turntable
*QLM 36 Mk II cartridge
*QLM 32 Mk II cartridge
*QLM 30 Mk II cartridge
Super XLM cartridge
XLM cartridge
VLM cartridge

New products:

The ADC QLM Mk II series of cartridges feature low stylus tip mass and operate on the induced magnet principle.

Cambra Cases Limited Room 1194

260 Church Road
Leyton
London E10
Tel: 01-556 1916
Contact: Mr P Eden

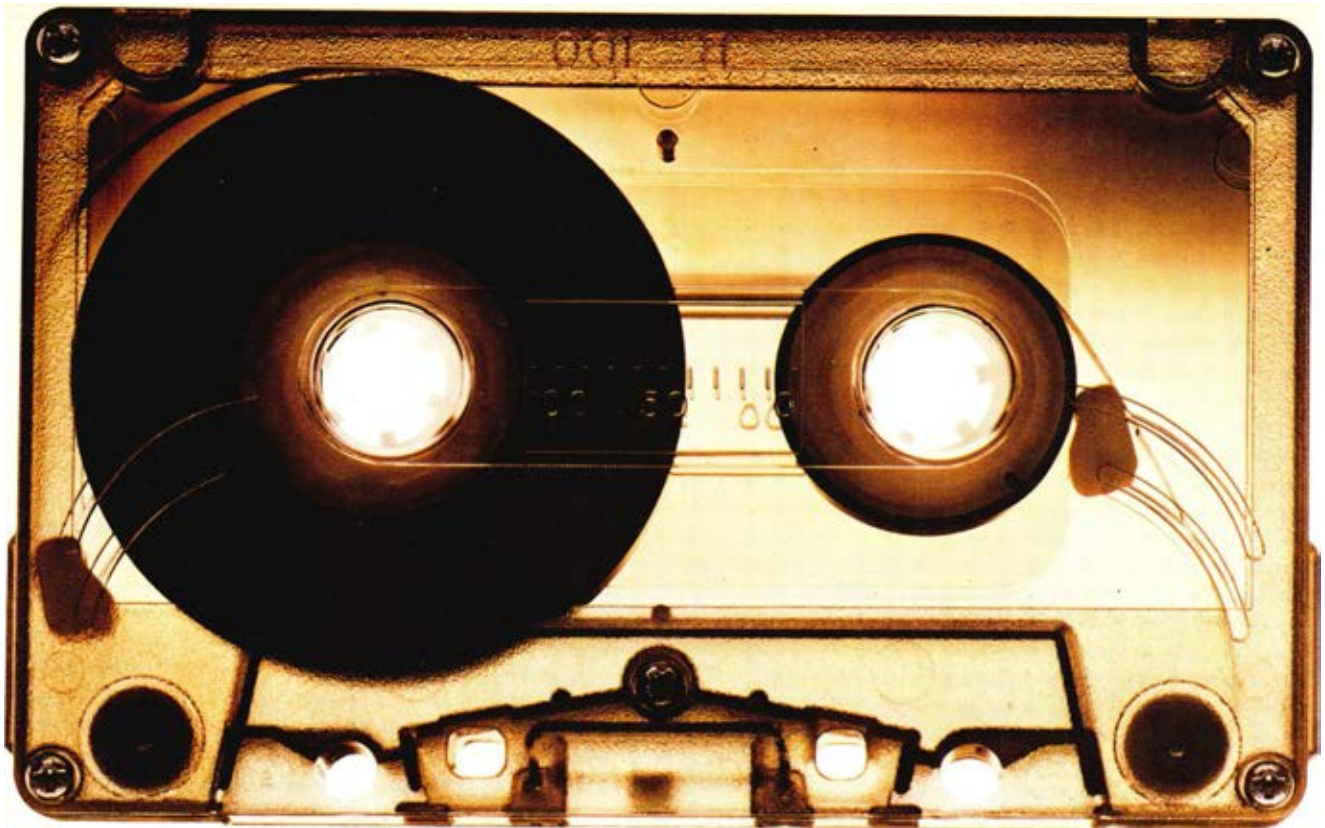
Products on show:

Stakotape cassette storage unit
*Album Rack record storage rack
*Music Mobile record and cassette storage unit
*Model 69 cassette cabinet
*Cassette tray

New products:

The new record album storage unit is designed to accept up to 50 LP's, the trolley unit accepting up to 150 LP's and 69 cassettes.

The album record storage rack is constructed of a moulded smoked acrylic plastic; the Music Mobile of wood with a moulded smoked acrylic lid. Model 69 cabinet holds a total of 69 cassettes in library cases, 36 in the top compartment and 33 in a drawer. Finally, the cassette tray is designed for wall mounting or use as a drawer insert and is a one-piece smoked acrylic moulding.



FOR PEOPLE WHO ONLY BELIEVE THEIR EARS, HERE'S A SIGHT FOR SORE EYES.

AudioMagnetics, the world's largest tape manufacturer, is now in Britain.

But, chances are, you've already listened to our tapes without knowing it.

Leading record companies throughout the world use our tapes to pre-record top singers, musicians and orchestras.

If we're good enough for them, we thought, we're good enough for you. So here we are.

With a range of high quality, high fidelity cassettes, 8 track and reel-to-reel tapes.

Above is our XHE - Extra High Energy tape. It's not just a pretty face.

Amongst other things it has a specially developed jamproof mechanism, with Precision Paraflo Guides - unique to AudioMagnetics.

The XHE shatters conventional industry standards for maximum output

levels and dynamic range.

Then there's our Super cassette with its Gamma Ferric Oxide tape. Not to mention our Standard Low Noise cassette, ideal for recording both voice and music.

If you'd like to know more about the AudioMagnetics range, hear us in rooms 1041, 1043. Or send for our leaflets, to: Nigel Bryden, AMSA Magnetics Ltd, Loverock Road, Reading, Berkshire. Tel: (0734) 5980364.



HEAR ALL ABOUT US IN ROOMS 1041, 1043.



AudioMagnetics

For people who only believe their ears.

IT'LL EARN US A LOT MORE RESPECT THAN MONEY.



We designed our new 6000 series to put Eagle well and truly on the hi-fi map, not to make us rich overnight.

The upshot for you is that, even if your budget is quite modest, your equipment needn't be.

Take power. The amp in the picture delivers 40 watts per channel from a regulated power supply.

Nothing modest about that. And look at some of the technological features. The amp, for example, has a sub-sonic filter to combat ultra-low frequency distortion. Meanwhile the tuner has a high blend filter to help you with long distance stereo reception. Plus a remarkable piece of business known as



Double Tuned Quadrature FM Detector to improve I.F. rejection and selectivity.

There's more besides, but this is best explained in our colour brochure. Send for it today.

Like our equipment it's beautifully produced and won't exactly break you:

It's free.

To: Eagle International, Precision Centre, Heather Park Drive, Wembley HA0 1SU. Please send me a free Eagle colour brochure.

Name _____

Address _____

HFW 16-4

EAGLE

It takes something special to build a reputation.

AIWA[®]
CASSETTE SYSTEMS
TECHNOLOGY

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

Castle Acoustics Limited Room 1172

Park Mill
Shortbank Road
Skipton
Yorks
Tel: Skipton (0756) 5333
Contact: Mr. W Escott

Products on show:

Richmond speaker
Kendal speaker
Conway speaker
Conway Anne speaker
Howard speaker
Howard Anne speaker

Celef Audio Rooms 1040/1042

130 Thirsk Road
Borehamwood
Herts
Tel: 01-953 8933
Contact: Mr S Tyler

Products on show:

Monitor Improved speaker
Mini Professional SM speaker
*Proac 1 speaker

New products:

The PROAC 1 speaker is designed to be driven from amplifiers of 20 to 150 Watts. Five drive units are fitted, two 203mm bass drivers, one 100mm mid-range, one 25mm domed lower treble and one piezo-electric super-tweeter. It is suitable for stand mounting only.

Celestion Rooms 1138/1110

Rola-Celestion Limited
Ditton Works
Foxhall Road
Ipswich
Suffolk IP3 8JP
Tel: Ipswich (0473) 73131
Contact: Mr E Howlett

Products on show:

*Ditton 22 speaker
Ditton 11 speaker
Ditton 15 speaker
Ditton 33 speaker
Ditton 44 speaker
Ditton 66 speaker
Ditton 25 speaker
UL6 speaker
UL8 speaker
UL10 speaker

New products:

Extending the existing Ditton range of speakers, the Ditton 22 is suitable for shelf or wall mounting and incorporates three drive units.

These are the HD 1000 and 25mm soft dome tweeter, a 127mm mid-range unit and a new design 203mm bass unit. Power handling suits amplifiers from 10 to 80 Watts.

Cerwin-Vega (UK) Rooms 1188/1189

281 Balmoral Drive
Hayes
Greater London
Tel: 01-573 1566
Contact: Mr D Purkis

Products on show:

S1 speaker
S2 speaker
S3 speaker
*R10 speaker
*R12 speaker
*R123 speaker
*A1800 power amplifier
*Pre-amplifier

New products:

No technical specifications of the new products from Cerwin-Vega (America) were available at the time of going to press.

Chartwell Electro-Acoustics Limited Room 1020

2 Commonsides East
Mitcham
Surrey CR4 1HX
Tel: 01-648 4494

Products on show:

LS3/5A speaker
*PM 100 speaker
PM 200 speaker
PM 400 speaker
*PM 450 speaker
Speaker stands

New products:

The PM100 speaker is a bookcase style unit with an extended bass performance. It incorporates two drive units, a 165mm low-frequency unit and a Son-Audax HD12 tweeter. Suitable for connection to amplifiers up to 100W.

The PM 450 is designed as a professional monitoring unit and is made in two versions. The system is suitable for connection to amplifier rated up to 500 Watts. Two coaxially mounted drive units are used, the bass driver is a 305mm unit, the tweeter a 25mm driver.

The PM 450 (Electronic) contains its own power amplifier and low-signal level equaliser.

Condor Electronics Limited

Rooms 1157/1160

100 Coombe Lane
London SW20 0AY
Tel: 01-946 0033
Contact: Mr C Wolff

Products on show:

From Ultimo:

*10a cartridge
20a cartridge
20b cartridge

From Tenorel:

T2001D cartridge
T2001ED cartridge
T2001SD cartridge

From Unisound:

EM82 series microphone
EM83 series microphone
EM84 series microphone
EM85 series microphone
EM86 series microphone
EM100 series microphone

New products:

The Ultimo 10a is a moving coil cartridge having a mass of about 10 grams and similar construction to the existing models.

DES Technical Company Limited Room 1070

10-12 High Street
Colliers Wood
London SW19
Tel: 01-540 8944
Contact: Mr J Murray/Mr D Randall

Products on show:

From SAE:

* 2600 power amplifier
* 2500 power amplifier
* 2400L power amplifier
* 2200 power amplifier
* MK31B power amplifier
* 2100 pre-amplifier
* 2100L pre-amplifier
* 2900 pre-amplifier
* MK30 pre-amplifier
* 2800 equaliser
* 1800 equaliser
* MK8 tuner
* 5000noise reduction unit

From Dokorder:

1140 tape deck
8140 tape deck

From Sequerra:

Sequerra tuner

From Soundcraftsmen:

2217 pre-amplifier
2012A equaliser
2205-600 equaliser
2209-600 equaliser

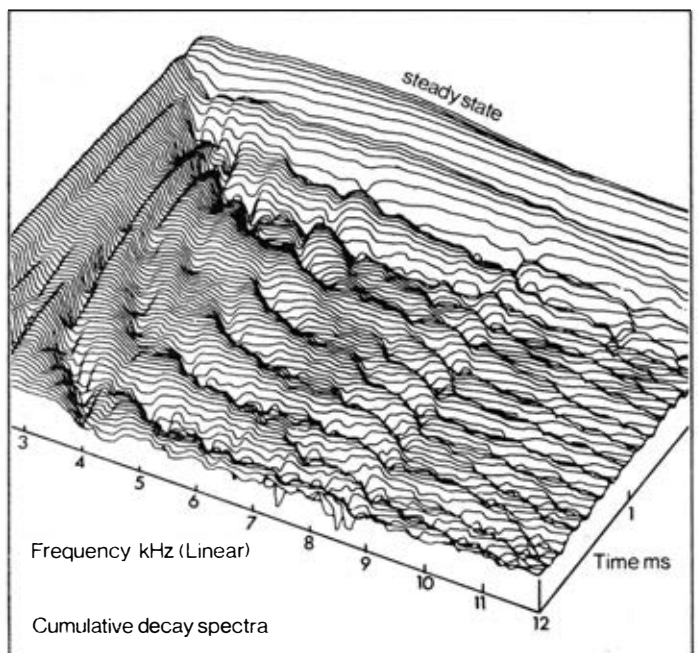
New products:

The complete range of SAE products are newly imported by this division of the well known REW retail group. Details were not available at times of going to press but will be printed in the April 16 issue of *Hi-Fi Weekly*.

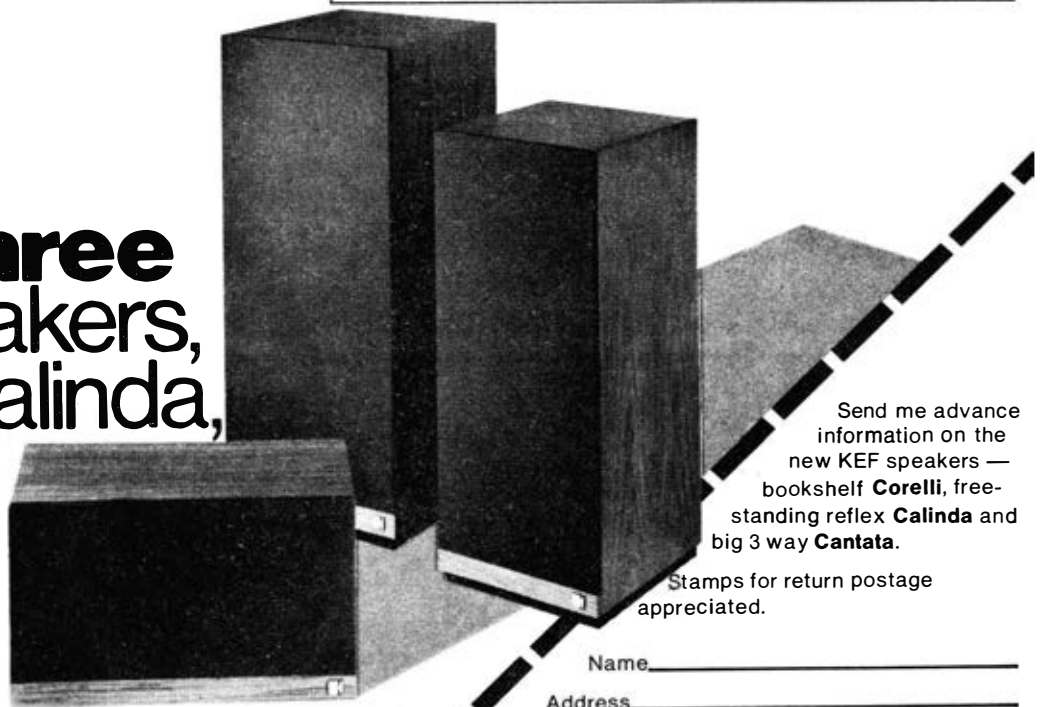
KEF gain a new dimension

KEF engineers today are working with radically new techniques. Their computer-based analysis gives them a deeper insight, a more precise three-dimensional vision of speaker performance than was previously possible. They knew that KEF drive units, with their advanced laminated diaphragms, offered a high level of performance. So research looked even harder at the equally vital dividing networks, at cabinet construction and power handling capability. Yesterday's 'try it and see' methods were too imprecise — but the new KEF techniques revealed more. Enclosure materials were studied by impulse response, and network designs refined to get precisely the right response shape from each drive unit.

Applied to *your* speaker needs, the KEF programme has created three important new systems. You will be getting to know them well — Corelli, Calinda and Cantata. A 2 way shelf-mounting system, 3 way reflex free-standing enclosure, and larger 3 way system handling 150 watts. All three have the new computer-designed filter circuits. You can *clearly* hear the difference — better transient response, lower coloration. All three have redesigned cabinets, weighty with high-density internal damping laminations. All three handle today's power amplifier outputs with confidence and lower distortion. New speakers from KEF always make headlines. Watch for the reviews.



Result: **three** new speakers, Corelli, Calinda, Cantata.



Send me advance information on the new KEF speakers — bookshelf **Corelli**, free-standing reflex **Calinda** and big 3 way **Cantata**.

Stamps for return postage appreciated.

Name _____

Address _____



KEF Electronics Limited
Tovil Maidstone ME15 6QP Kent
Telephone 0622 57258 Telex 96140

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HIGH FIDELITY

Direct Designs Limited Room 1011

11 West Street
Southgate
Crawley
Tel: Crawley (0293) 512727
Contact: Mr W Richardson

Products on show:

Vac-O-Rec record cleaner
*DRS1 turntable
*Anti-static mat

New products:

The DRS 1 is a direct drive manual unit fitted with a Formula 4 arm, but is offered in two other alternatives, with an SME 3009 arm, or as a separate chassis. Controls are of the touch sensitive type. An anti-static mat is also shown for the first time.

DTR Electronics Limited Room 1187

Torrington Street
Bideford
North Devon EX39 4DR
Tel: Bideford (023 72) 4991
Contact: Mr D Cross

Products on show:

From Stag:
Monarch speaker
Monarch S2 speaker
Ambassador 30 speaker
Ambassador 30L2 speaker
* Statesman speaker

New products:

The Stag Statesman speaker is a stand-mounted unit suitable for connection to amplifiers up to 50W output into an 8 ohm load. The system contains two drive units in a reflex loaded cabinet.

Eagle International Room Main Foyer

Precision Centre
Heather Park Drive
Wembley HA0 1SU
Tel: 01-902 8832
Contact: Mr W Morrow

Products on show:

*A 4400 amplifier
*A 4600 amplifier
*A 6400 amplifier
*A 6600 amplifier
AA 2 amplifier
*T 4000 tuner
*T 6000 tuner
AA102 tuner
*R 6300 receiver
*R 6500 receiver
R 2020 receiver
D 2005B turntable

D 2006A turntable
S 2002 speaker
S 2003 speaker
S 2004 speaker
S 2005 speaker
S 2006 speaker
*SS 400 speaker stands
*SS 600 speaker stands

New products:

Both the A4400 and the A4600 are 20W per channel amplifiers and have all features in common except that the A4600 which is fitted with a 5-band multiple tone control. The T4000 tuner is a matching FM and MW unit which offers switching for FM mute, MPX filter and AFC. The A6400 and A6600 amplifiers are rated at 40W per channel with the A6600 offering a greater range of inputs. The T6000 tuner has a similar range of facilities as the T4000 but is in a case matching the 6000 series amplifiers. Finally, two FM and MW receivers and two speaker stands complete the range of new products on show.

Enigma Audio

Room 1191

136 Portland Road
Hove
Sussex
Tel: Brighton (0273) 723979
Contact: Mr R Martin

Products on show:

*Variation 1 pre-amplifier
*Variation 1A pre-amplifier
*Variation 2 power amplifier
*Variation 3 power amplifier

New products:

Two pre-amps and two power amplifiers are the first of a new range of products to be introduced. The Variation 1 offers inputs for magnetic cartridge, tuner, tape and auxiliary unit with the Variation 1A providing an additional input for a moving coil cartridge. The Variation 2 power amplifier is rated at 60 Watts and the Variation 3 at 100 Watts, both into any load above 4 ohms.

Environmental Sound

Room 1205

Northallerton
North Yorkshire
Tel: Northallerton (0609) 5434
Contact: Mr M Lythgoe

Products on show:

EST4 turntable
*EST5 turntable
*EST6 turntable
Rondo speaker
Tower speaker
Column speaker
Table speaker
Thor speaker

New products:

No details were available of new products at time of going to press.

Exposure Electronics Room 1142

Richardson Road
Hove
Sussex BN3 5RB
Tel: Brighton (0273) 777912
Contact: Mr J Farlow

Products on show:

*Exposure 1 speaker
*Exposure 11 speaker
Exposure 111 pre-amplifier
*Exposure IV amplifier
Dayton-Wright XG8 MK3 speaker
Denon 103S cartridge
*G H Hadcock GH228 pickup arm

New products:

The Exposure 1 speaker is designed for amplifiers from 25 to 100 Watts and provides an 8 ohm load. A 200mm bass driver and a 19mm dome tweeter are fitted, the whole system being protected by fuses. The Exposure 2 is similar but contains an extra 35mm dome upper mid-range. The Exposure 5 power amplifier will be shown in prototype form and is designed to produce 200 Watts per channel into 8 ohms. Finally, the G H Hadcock arm is a unipivot design optionally supplied with an arm lift. The unit may be damped with the silicone fluid provided.

Expotus Limited Rooms 1147/1148

10 Museum Street
London WC1
Tel: 01-836 3747
Contact: Mr S Fraser

Products on show:

*Backes and Muller speaker
*Harrison tuner

New products:

The Backes and Muller speaker comes from Germany and contains an integrated power amplifier.

KF Farnell Limited Room 1060

Ashton
Bredbury
Stockport
Cheshire
Tel: Stockport (061) 494 1441
Contact: Mr G West

Products on show:

Prototype new range on show in Trade only room.



Recommended retail price £379.50 inc 12% VAT

Sentences passed on Toshiba's PC-6030 cassette deck.

"Subjectively recordings were very clean and stable, producing a significantly better than average sound quality."

"Distortion was remarkably low at only 0.4% at Dolby level, rising to only 2.2% at +4dB (333 Hz)."

—Angus McKenzie in *Hi-Fi Choice No 4, Cassette decks and tapes, January 1977.*

"... short-term speed stability performs to something approaching the best obtainable at any price."

—Denys Killick in *Cassettes and Cartridges, February 1977.*

"Overall, the Toshiba PC-6030 was undoubtedly most satisfying to use and returned excellent sound quality. It's easy and fast to operate, whilst the deck performs

complex operations with silky-quiet precision."

—Philip Mount in a review of three top cassette decks, *Hi-Fi Sound, June 1976.*

Enough said. If you'd like the comprehensive brochure which details the performance of this superb deck.

Call in to see us.

Room 1099
THE CARAVELLE SUITE
TOSHIBA
...In Touch with Tomorrow

Toshiba (UK) Ltd.,
Toshiba House, Girdling Way,
Great South West Road, Feltham,
Middlesex TW14 0PG. Tel: 01-751 1281/7

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

Fogg Loudspeaker Components Limited Room 1044

Fontwell Avenue
Eastergate
Sussex
Tel: Eastergate (024 368) 2731
Contact: Mr P Stoneham

Products on show:

Trade Only

Manufacturers of components for speaker drive units.

*Fogg will be featuring new drive unit diaphragms.

C. F. Fraser Limited Room 1170

21 Princess Road
London NW1 8HR
Tel: 01-722 6633
Contact: Mr M Rock

Products on show

From Carltone:

Musicentre
1001/64 cassette deck
Orbit Carltone radio cassette recorder
Carltone Pathfinder world radio
KT007 micro cassette recorder
A range of car radio cassette recorders will be on display, including some new models, details of which were not available at the time of going to press.

From Elizabethan:

*Car radio
*Cassette deck/recorder

New products:

A car radio with FM and MW bands is one of the new products from Elizabethan. The second unit includes a cassette recorder which offers the unusual feature of being able to record as well as replay.

Gale Electronics and Design Limited Rooms 1028/1030

23 Bruton Place
London W1X 7AB
Tel: 01-499 9966
Contact: Miss L Bartlett

Products on show:

GS 401A/B speaker
GT 2101 turntable
Maximum Fidelity Records

Garrard Engineering Limited Room 1144

Newcastle Street,
Swindon Wilts
SN1 1DA
Tel: Swindon (0793) 35381
Contact: Mr D Owen

Products on show:

GA 150 musicentre
GC 300 cassette deck
GC 350 cassette deck
DD75 turntable
GT 55P turntable
86 SB Mk II turntable
12SSB turntable
SP25 Mk IV turntable

Goodmans Loudspeakers Limited

Rooms 1161/1163/1165

Downley Road,
Havant
Hants PO9 2NL
Tel: Havant (070 12) 6344
Contact: Mr N Bain

Products on show:

*SCD 110 cassette deck
Achromat 100 speaker
*Achromat 150 speaker
Achromat 250 speaker
Achromat 400 speaker
RB 18 speaker
RB 20 speaker
RB 35 speaker
dB 50 speaker
MCD 100 musicentre
150 receiver
120 receiver
Module 90 receiver
OAP 10 headphones

New products:

New from Goodmans is their SCD 110 cassette deck which features front loading, switching for ferric, chrome and ferrichrome tape types and Dolby noise reduction. Details of the new Achromat 150 speakers were not available at the time of going to press.

Grabern Audio Rooms 1031/1032

13 Famet Avenue
Purley, Surrey CR2 2DN
Tel: 01-660 4780
Contact: Mr G Taylor

Products on show:

Speaker stands

Apollo 2
*Apollo 3

Apollo wall bracket
Saba 2
*Apollo audio equipment trolley
B&N M180 speaker
B&N N 90 speaker
*B&N PRO 360 speaker
ARD 4000 amplifier
ARD 4000 tuner
ARD 4000 record deck

New products:

Two stands, the Apollo 3 speaker stand and the Apollo audio equipment trolley plus the B&N PRO 360 speaker. The latter is rated at 200W and is designed as a 360 deg. omni-directional system employing front and rear bass units, four mid-range and four tweeter units, one on each side.

Grundig International Limited

Room Ballroom

Newlands Park
London SE26 5NQ
Tel: 01-659 2468
Contact: Mr P J Mathieu/Mr L E O Stephens

Products on show:

* Receiver 20
* Receiver 30
* RPC 500 musicentre
* RPC 300 musicentre
Studio 3010 musicentre
Hi-Fi Box 313 speaker
Hi-Fi Box 500 speaker
Hi-Fi Box 403 speaker
System 5000a speaker
System 8000a speaker
CN700 cassette deck
CN 730 cassette deck
RTV 740 receiver
Studio 1620 compact
Studio 2240 compact
* CN 830 cassette deck
* CN 930 cassette deck
TK 547 reel-to-reel recorder
TK 747 reel-to-reel recorder
TS1000 reel-to-reel deck

New products:

The Hi-Fi Receiver 20 offers 30W per channel into 4 ohms with FM and MW/LW/SW bands. The Hi-Fi Receiver 30 is FM and MW with 30W per channel output. Two new musicentres are added to the catalogue; the RPC 500 contains an FM and MW/LW tuner section, coupled with a Dolby cassette deck and the Dual 1228 turntable fitted with a Shure M95 cartridge. Power output is 30 Watts per channel into a 4 ohm load. The RPC 300 has 8 presets for FM stations, and provides for MW/LW/SW as well. With a cassette deck and the Dual 1226 turntable fitted with a Shure M75 cartridge, the unit offers a wide range of facilities and 30W per channel output. Finally, the C830 and C930 cassette decks which are technically identical but differ considerably in external appearance. Both units offer switching for ferric, chrome and ferrichrome tapes, manual or automatic record level control and Dolby noise reduction.

TRIDENT

See and hear the best before you buy at our low, low prices.



HI-FI SEPARATES

Made-up System
Complete 10 watts R.M.S. system with Rotel 102 tuner-amp, stereo radio, Garrard 125 turntable, Shure M75-65 cartridge, and Wharfedale Chevin speakers **139.90**

STEREO AMPLIFIERS

Rotel RA 312 **69.95**
Rotel RA 412 **89.95**
Sansui AU 2900 **73.90**

TUNER-AMPLIFIERS

Rotel RX 102 **79.90**
Rotel RX 152 **99.95**
Sansui 331 **108.90**
Rotel RX 202 **104.95**
Akai 1010 **124.90**
Rotel RX 402 **149.95**
Akai 1020 **152.95**
Rotel RX 602 **195.90**

TUNERS

Rotel RT 224 **64.95**
Rotel RT 324 **83.90**
Sansui TU 3900 **108.90**

TURNTABLES

Akai AP001 **59.50**
Rotel RP900 **59.90**
Garrard 125SB + cartridge **48.90**
Rotel RP1500 **74.95**
Sansui SR 222P **66.50**
Rotel RP3000 **122.90**

HEADPHONES

Koss K7 **10.90**
Rotel RH630 **10.90**
Koss K6 **13.90**
Koss K6/LC **16.40**
Goldring K105 **12.90**
Koss HV2 **16.50**

STEREO CASSETTE DECKS

Decca DC 1100 **57.50**
Decca DC 2000 **81.00**
Akai 34D **103.90**
Akai 39D **129.80**
Sansui SC 2000 **154.90**
Rotel RD 20 **154.95**
Sansui SC 3000/3 **179.90**
Akai GXC 710D **219.90**



CARTRIDGES

Shure M75-6S **8.25**
Goldring G820 **7.85**
Goldring G820E **10.85**
Shure M55E **9.25**
Shure M75EJ **13.40**
Shure M75ED **14.25**
Goldring G900SE **29.95**

SPEAKERS

Wharfedale Chevin **28.95**
Wharfedale Denton **43.90**
Wharfedale Linton **60.90**
Wharfedale Glendale **84.90**

BLANK CASSETTE TAPES

Memorex MRX2 C60 **85p**
Memorex MRX2 C90 **1.15**
Pyral Sprint C60 **49p**
Pyral Sprint C90 **69p**

ENGLAND & WALES

BARNSELY 32 New St. Tel: 85201
BATH 3-4 Henry St. Tel: 62944
BIRKENHEAD 47 Eltham Grm., Arrowe Park Precinct. Tel: 051-677 0260
BIRMINGHAM Cotteridge, 43 Pershore Rd. South. Tel: 021-459 6337
BIRMINGHAM Edgbaston Centre, Hagley Rd. Tel: 021-455 8117
BIRMINGHAM Erdington, 58 High St. Tel: 021-382 3455
BIRMINGHAM Ward End, Fox & Goose Centre. Tel: 021-783 7040
BLACKBURN Clayton St. Tel: 661002
BLACKPOOL 282 Lytham Rd. Tel: 44356 Closes 7 p.m.
BOLTON 336 Manchester Rd. Tel: 28182 (Opp. Bolton F.C.)
BRADFORD 618 Gt. Horton Rd. Tel: 78932
BRISTOL Staple Hill Precinct, Fishponds. Tel: 567156
BURNLEY 10 St. James St. Tel: 28444
CARDIFF 100 Clifton St. Tel: 496018
CARLISLE St. Nicholas Estate, Botchergate. Tel: 30437
CHEL TENHAM 28 Edinburg Place, Coronation Square. Tel: 35112

CHESTER 28 Gorse Stacks. Tel: 313240
COSELEY 23 Roseville Centre. Tel: Sedgley 73993
COVENTRY Church Lane/Walsgrave Rd. Tel: 457021
CREWE 102 Nantwich Rd. Tel: 2024
DALTON-IN-FURNESS 131 Market St. Tel: 62920
DERBY Derwent St. Tel: 46297
DONCASTER 33 College Rd. Waterdale Centre. Tel: 64939
EASTBOURNE 137 Seaside Rd. Tel: 37017
EXETER St. Thomas Centre, Cowick St. Tel: 51139
GRIMSBY 27 Osborne St. Tel: 52033
HEREFORD 72 Wide Marsh St. Tel: 55108
HUDDERSFIELD 43 Westbourne Rd., Marsh. Tel: 36153
IPSWICH Carr Precinct. Tel: 55033
LANCASTER High St. Tel: 69736
LEEDS 332 Kirkstall Rd. Tel: 0532 784718
LEICESTER 82 The Parade, Oadby. Tel: 717838
LINCOLN 11 Albany Industrial Estate. Tel: 24649
LIVERPOOL 38 Renshaw St. Tel: 051-709 6910
LIVERPOOL 12, Honeys Green Lane Precinct. Tel: 051-220 4220

MANCHESTER Chorlton Park Precinct, Wilbraham Rd. Tel: 061-881 0639
MANCHESTER Neighbourhood Centre, Grey Mare Lane, Bewick. Tel: 061-223 8053
MANCHESTER 509 Bury New Rd., Prestwich. Tel: 061-773 8019
MARGATE 125 High St. Tel: Thanet 27835
NEWCASTLE ON TYNE 258 Chillingham Rd. Tel: 650813
NEWPORT 12 Clarence Place. Tel: 56932
NORTHAMPTON Kingsthorpe Centre, Market Harborough Rd. Tel: 712 774
NORWICH 62 London St. Tel: 21545
NOTTINGHAM 112 Radford Rd., Gregory Boulevard. Tel: 74361
PAIGNTON 7 Hyde Rd. Tel: 523837
PETERBOROUGH 6 Bretton Centre. Tel: 263995
PLYMOUTH 12 Stonehouse St. Tel: 60575
PORTSMOUTH 140 Fratton Rd. Tel: 23854
PRESTON 207 Marsh Lane. Tel: 21430
SCARBOROUGH 137 Victoria Rd. Tel: 68709
SHEFFIELD 45 West Bar. Tel: 27156
SHEFFIELD 509 Attercliffe Rd. Tel: 444015

SHREWSBURY 33 Riverside Centre. Tel: 50214
SOUTHAMPTON Shirley Precinct, Redcar St. Tel: 781657
ST. HELENS Four Acre Lane. Tel: Marshalls Cross 812465
STOCKPORT 3 St. Petersburg. Tel: 061-480 8939
STOCKTON-ON-TEES 21 Yarm Lane. Tel: 614615
STOKE 39 London Rd. Tel: 46094
SUNDERLAND 30 Frederick St. Tel: 40997
SWINDON 93 Cricklade Rd. Tel: 31945
TRURO Duke St./Prince's St. Tel: 6567
WAKEFIELD 4 Kirkgate Development, Lower Kirkgate. Tel: 73489
WARRINGTON 6 Lovely Lane. Tel: 34676
WESTCLIFF-ON-SEA 797 London Rd. Tel: Southend 713423
WIGAN 56 Standishgate. Tel: 48316
WOLVERHAMPTON Cleveland St. Tel: 772443
WORCESTER 28 The Tything. Tel: 27750
WORKINGTON Jane St. Tel: 3054
WREXHAM Dods Lane, Gwersyll Estate. Tel: Brymbo 8115

YORK George Hudson St. Tel: 51706
LONDON & HOME COUNTIES
CAMBERWELL 23 Ca mberwell Rd., S.E.5. Tel: 01-703 3445
CLAPHAM 29 Battersea Rise, Clapham Rd. Tel: 01-228 7430
EALING 145 Uxbridge Rd. W13. Tel: 01-567 4259
FARNHAM The Borough. Tel: 25829
FINCHLEY 832 High Rd., N12. Tel: 01-446 3478
GREENWICH 154 Trafalgar Rd. Tel: 01-858 3872
HARROW 11 Masons Avenue, Weststone. Tel: 01-427 3111
HIGH WYCOMBE 48 Frogmoor. Tel: 36941
HOVE 58 Boundary Rd. Tel: Brighton 411490
ILFORD 110 Goodmayes Rd. Goodmayes. Tel: 01-599 9296
LEYTONSTONE 771 High Rd. Tel: 01-556 3450
PETTS WOOD 17 Chatsworth Parade, Queensway. Tel: Orpington 37900
PURLEY Royal Oak Centre. Tel: 01-668 6845
READING 55-59 Whitley St. Tel: 83019

REIGATE 87 Bell St. Tel: 40447
SLOUGH 302 High St. Tel: 23718
STREATHAM 72 Streatham High Rd. Tel: 01-769 5786
SURBITON 177 Hook Rd., Ace of Spades. Tel: 01-397 0013
WATFORD 200 St. Albans Rd. Tel: 20088
SCOTLAND *
ABERDEEN 218 Union St. Tel: 573756
AYR 55 Dalbaird Rd. Tel: 65855
DUMFRIES 17/21 Friars Vennel. Tel: 5536
DUNDEE 36 Commercial St. Tel: 25916
DUNFERMLINE 29 Chapel St. Tel: 20402
EDINBURGH 27 Cockburn St. Tel: 031-225 5756
GLASGOW 280 Main St., Rutherglen. Tel: 041-647 8322
GLASGOW 291-293 Maryhill Rd. Tel: 041-331 1123
KIRKCALDY 11 Whitecauseway. Tel: 4658
MOTHERWELL 65 Merry St. Tel: 64997
PERTH 13 Charlotte St. Tel: 29395
STIRLING 14/20 Friar St. Tel: 70151

NORTHERN IRELAND

BELFAST Farmley Centre, Farmley Rd., Glengormley. Tel: 41008
BELFAST 47 Holywood Rd. Tel: 657777
COLERAINE 28 Railway Rd. Tel: 52744
LISBURN 35 Bachelors Walk. Tel: 6743
LURGAN 7 Market St. Tel: 2004
NEW BRANCHES
PAIGNTON 7 Hyde Rd. Tel: 523837
WIGAN 56 Standishgate. Tel: 48316
HORNCHURCH 190-192 High St., Essex. Tel: 71345.
BOURNEMOUTH 391-393 Wimbourne Rd. Tel: 522143.
EDINBURGH 295 St. Johns Rd., Corstorphine. Tel: 031 334 0003.
OPENING HOURS:
Mon, Tues 10 am - 5.30 pm.
Wed, Thurs, Fri 10 am - 8 pm.
Saturday 9 am - 5.30 pm.
* See local press for opening times.
Each Trident closes for a half day on your local town's early closing day.

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

C E Hammond & Co Limited Rooms 1063/1064/ 1065/1066

105-109 Oyster Lane
Byfleet Surrey
Tel: Byfleet (91) 41131
Contact: Mr R Sharpe

Products on show:

From JBL:

Decade L16 speaker
Decade L26 speaker
Decade L36 speaker
Horizon L166 speaker
Century L100 speaker
Jubal L65 speaker
Studio master L200B speaker
Summit L300 speaker

From Phase Linear:

200 amplifier
400 amplifier
700B amplifier
2000 pre-amplifier
4000 pre-amplifier
1000 noise reduction unit

From Cambridge Audio:

P80 amplifier
T55 tuner
R40 speaker
R50 speaker
* C40 speaker

From Sonus:

Blue Label cartridge
Red Label cartridge
Green Label cartridge
Silver Label P cartridge
Silver Label E cartridge

From Lenco:

* L833 turntable
* L830 turntable
* L236 turntable
* L133 turntable
* L130 turntable
* A50 amplifier
* T30 tuner
* R50 receiver
* R25 receiver
* C2003 cassette deck
* L3500 musiccentre
* L4000 musiccentre
* 1541/1 speaker
* 2541/1 speaker
* K100 headphones
* K105 headphones
* K106 headphones
* K110 headphones

In the trade and professional room, there will be a display of test equipment from Leader Electronics and Sound Technology. Both companies have a new product on show — the Sound Technology 1710A Distortion Measurement System and the Leader LAS5500 Audio System Analyser. Otari tape recorders, including 4 and 8 channel versions will also be on display.

New products:

The C40 series of speakers are new cabinet stylings for the R40. The C40F is covered in a choice of three fabric colours, the C40W being available in three wood finishes with different

coloured grilles. A wide range of new Lenco products include the direct drive automatic L833 turntable and its manual equivalent, the L830. The L236, L133 and L130 are belt drive units having automatic, auto-stop and manual operation respectively. An amplifier — the A50 — offers 40 Watts per channel into 8 ohms, is matched by the T30 FM and MW tuner. There are two receivers, model R50, FM and MW bands with 40 Watts per channel and model R25, also FM and MW with 19 Watts output. A model C2003 cassette deck is announced, offering 3 tape heads, Dolby noise reduction, pitch adjustment and a wide range of facilities. Two musiccentres with 20 Watts and 35 Watts output respectively and two matching speaker models plus a range of accessories complete the list of new products.

Hayden Laboratories Limited

Rooms 1077/1090/
Main Foyer

Hayden House
Churchfield Road
Chalfont St Peter Bucks

Tel: Gerrards Cross (49) 88447

Contact: Mr E J Barrett

Products on show:

From Sennheiser:

HD44 headphones
HD400 headphones
HD414X headphones
HD424X headphones
HD224X headphones
Plus a selection of microphones

From Empire:

Empire 2000 series cartridges
Empire 4000 series four-channel cartridges
Empire 698111 turntable

From Dahlquist:

DQ10 speakers
DQ1W add-on woofer system
DQ-LP-1 electronic low pass filter
DQ-MK-1 crossover unit

From G A S

*Ampzilla power amplifier
*Son of Ampzilla power amplifier
*Thoebe pre-amplifier
*Thaedra pre-amplifier

New products:

The G A S range of amplifiers are designed as specialist series for the true enthusiast. The Ampzilla power amplifier is designed to produce 200W per channel into an 8 ohm load, Son of Ampzilla being available in three case versions providing a power of 80W per channel into 8 ohms.

Thoebe and Thaedra are professional class pre-amplifiers for rack mounting use.

Highgate Acoustics Limited

Rooms 1069/1105

38 Jamestown Road

London NW1

Tel: 01-267 4937

Contact: Mr H Rimington

Products on show:

From Alpha:

AX500 amplifier
FA600 amplifier
TX500 tuner
FT650 tuner
FR5000 receiver
FR6000 receiver
FR8000 receiver
GF3500 combination unit
CD2000 cassette deck
HT12 speaker
HT17 speaker
HT20 speaker
HT50 speaker

From Altec Lansing:

Model 1 speaker
Model 3 speaker
Model 7 speaker
Model 9 speaker
Model 15 speaker
Model 19 speaker
Santana speaker
The full range of Altec speaker components will also be on display.

From Collaro:

600 turntable
610 turntable
CP6 turntable

From Pickering:

CA3 headphones
OA7 headphones
PH4955 headphones

The full range of Pickering cartridges will be on display

The complete range of Poly-planar speakers will be on show.

New products:

Alpha will be showing two new cassette decks, details of which were unavailable at the time of going to press.

Howland-West Limited Rooms 1037/1039

3-5 Eden Grove

London N7 8EQ

Tel: 01-609 0293

Contact: Mr J Ruppin

Products on show:

From Howland-West:

C1S 200 headphones
C1S 250 headphones
C1S 300 headphones
C1S 550 headphones
C1S 660 headphones
C1S 800 headphones
C1S 800V headphones
C1S 900 headphones
C1S 1100 headphones
C1S 1500 headphones
C1S 7000 headphones

When the music rocks, the cassette doesn't

Our new KD-21 stereo cassette is fitted with the unique JVC dual-ball cassette holder. Two rust resistant, stainless steel balls hold the cassette solidly in place under pressure. This ensures the cassette is properly aligned with the head giving vast improvements in tonal quality. The KD-21, another development from JVC.



Other important features of this fabulous machine are:—
Multi-point peak level indicators to give more accurate monitoring.

Dolby noise reduction system to cut tape-hiss to a minimum.

Over-sized see-through cassette door—check the cassette at a glance.

Timer recording facility; attach a timer, recording will be automatic.

Cronios head; up to ten times the life of Permalloy head.

TYPICAL SPECIFICATIONS

Frequency Response:
30—14,000Hz (typical) Regular Tape.
30—15,000Hz (typical) Chrome Tape.
Surpasses DIN 45 500.

Signal-to-Noise Ratio (Weighted):
60dB with Dolby(DIN 45 500).

Wow and Flutter:
0.10% WRMS, 0.20% (DIN 45 511).
Crosstalk: 65dB at 1kHz.

Channel Separation: 30dB at 1kHz.

Harmonic Distortion:
1.3% at 1kHz (Regular Tape).

Heads:
Cronios for Record/Playback.
Ferrite for Erase.

Motor: DC Electronic governor motor.

Recommended retail price of
£135.00. including VAT.



50
YEARS
OF SOUND
TECHNOLOGY
1927-1977

JVC
ANOTHER STEP CLOSER TO REALITY

JVC (U.K.) Ltd., Eldonwall Trading Estate, Staples Corner, 6-8 Priestley Way, London NW2 7AF Tel: 01-450 2621

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

From Lux:

L30 amplifier
L80 amplifier
L80V amplifier
L85 amplifier
L100 amplifier
*MQ3600 power amplifier
M2000 power amplifier
M4000 power amplifier
M6000 power amplifier
*CL32 pre-amplifier
C1000 pre-amplifier
*5G12 graphic equaliser
*5L15 amplifier
*5M21 power amplifier
*5C50 pre-amplifier
T33 tuner
T88 tuner
T110 tuner
*1040 receiver
*1050 receiver
1500 receiver
PD121 turntable
PD131 turntable
PD282 turntable
*Satin M18E cartridge

New products:

Introduced at this show are the Lux Laboratory Reference Series, the first three out of a total of seven, being displayed. These are a pre-amplifier model 5C50, a power amplifier 5M21 rated at 100W per channel and a 12-band graphic equaliser model 5G12. Two unusual Lux units, the CL 32 pre-amplifier and the MQ 3600 power amplifier rated at 50W per channel. Both these units are all-valve, going back a decade or so to the days before transistors! The model 1040 and 1050 Lux receivers are also being previewed at Heathrow, both being FM and MW and rated at 40W and 55W respectively. Finally the Satin M18E moving coil cartridge featuring a high output to eliminate the normal transformer or head amplifier required.

IMF Electronics Limited Rooms 1033/1035

Westbourne Street
High Wycombe
Bucks
Tel: High Wycombe (0494) 351 66
Contact: Mr J S Wright

Products on show:

*TLS 80 Mk II

New products:

The IMF Monitor TLS 80 Mk II is a stand-mounted unit and is a smaller version of the established Reverence Standard Mk 4. The same drive units, crossover configuration and damping methods are used, and the new unit is suitable for connection to power amplifiers from 40 to 100W.

Janorhurst Limited Rooms 1061/1062

Century House
Shortmead Street
Biggleswade
Beds
Tel: Biggleswade (0767) 314252
Contact: Mr T Arnold

Products on show:

*Disc-A-Vac record cleaner
Arnold Electronics range of comparators and audio switching units.
Curb hi-fi furniture and speaker stands

From Jennings Research

*Contrara Pedestal speaker
*Contrara Rectangle speaker
*Contrara Elan speaker
*Vector 1 speaker
*Vector 1a speaker
*Vector 2 speaker

The Disc-A-Vac is a vacuum record cleaner suitable for 12 or 7 inch records. Five speakers from Jennings are to be launched, the Contrara pedestal for amplifiers up to 160W, the Contrara Elan for 150W, the Contrara Rectangle for 75W, the Vector 2 for 150W and the Vector 1 for 75W amplifiers. The Contrara range have been specially designed by the Italian Amilio Contrara and are floor standing units. The two Vector units are stand-mounted, stands being displayed as optional extras.

JVC (UK) Limited Ballroom

Eldonwall Trading Estate
Staples Corner
6-8 Priestley Way
London NW2
Tel: 01-450 2621
Contact: Mr J Sokya

Products on show:

4VR5456X 4-channel receiver
4VR5446X 4-channel receiver
4VR5426X 4-channel receiver
JRS600 receiver
JRS400 receiver
JRS300 receiver
JRS200L receiver
JRS100 receiver
4VN990 4-channel amplifier
JAS71 amplifier
JAS31 amplifier
JAS11 amplifier
JSP7 pre-amplifier
JTV71 tuner
JTV6 tuner
JTV31 tuner
QL101 turntable
TT101 turntable
CLP-1 turntable
UA7045 turntable
JLF45 turntable
JLA15 turntable
FB5 speaker
SX7 speaker
SX5 speaker
SX3 speaker
GB1 ED speaker

VSS323 speaker
GBS speaker stand
SK55 speaker
SK33 speaker
JSP310 speaker
CD1669 cassette deck
CD1770 cassette deck
CD1970 cassette deck
CDS200 cassette deck
CD1635-2B cassette deck
KD2 cassette deck
KD21 cassette deck
CD1740 cassette deck
MF55 musicentre
MF1845 musicentre
MC1820 compact
SEA V7E graphic equaliser
SEA10 graphic equaliser
4DD5 DC4 demodulator
CD4-50 CD4 demodulator
HM200E headphones
5944 headphones
HP1000 headphones
HP150 headphones
HP20 headphones
HPSE headphones
X1 cartridge
Z1 cartridge
Z1S cartridge
4MD20X cartridge
4MD10X cartridge
MD1016 cartridge
Plus portable radios, cassette recorders, radio/cassette recorders and portable TV. Microphones and recording accessories, and JVC CD-4 records.

New products:

JVC are offering a unique demonstration of QB-phonics a research prototype system of surround sound. Tickets are available only by entry to the advertised *Hi-Fi Weekly* competition. In addition to the recently launched products, JVC are adding five new items at Heathrow. These are the J1-V71 FM and MW tuner, the matching JA-S71 integrated amplifier featuring an 80W per channel output into 8 ohms, the KD-2B/E portable cassette recorder and the SK-77 speakers. The latter are rated for 85W maximum amplifiers and contain three drive units.

Keesonic Audio Sales Limited Room: 1219

Halldore Hill
Cookham
Maidenhead, Berks
Tel: Bourne End (06285) 22726
Contact: Mr P Keeley

Products on show:

KBM Monitor speaker
KRF Monitor speaker
*Kub speaker

New products:

The Kub is a bookshelf speaker designed for use with musiccentres and is rated for 40W maximum power amplifiers. A 127mm bass and 76mm tweeter are fitted into the reflex enclosure.

Bose use walls for better sound.

Imagine you're a child again. Bouncing a tennis ball off a wall to play the angles catching it.

You've just demonstrated the way sound

works (according to research).

No other speaker than the Bose 901 seems to have taken this into account.

The Bose 901 Series III is a reflecting sound speaker.

Which means it fires eight of its drive units at the wall and one at the listener.

The result is the nearest-ever to live performance sound.

The new 901 can produce an incredible volume level with just a 15-watt amp.

And it creates a brilliant roomy live performance sound.

You can hear it now at your local Bose hi-fi specialist.



SEE AND
HEAR US AT
HIGH
FIDELITY 77
HEATHROW HOTEL
LONDON AIRPORT
APRIL 22-23-24
The Greatest
1977 Hi-Fi Showcase!

BOSE®

Bose(UK) Limited,
Milton Regis, Sittingbourne, Kent.
Telephone: 079575341.

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

KEF Electronics Limited Rooms 1034/1036

Eccleston Road
Tovil

Maidstone Kent

Tel: Maidstone (0622) 57258

Contact: Mr R F Dudleyke

Products on show:

Corelli speaker
Calinda speaker
Cantata speaker
103 speaker
104AB speaker

A full range of drive units will be on display.

Trade only:

One new product will be shown in the trade room on trade days only.

Lecson Audio Limited Room 1058

Burrel Road
St Ives

Huntingdon, Cambs

Tel: St Ives (0480) 64124

Contact: Mr M Harris

Products on show:

*FMI tuner
AP1 power amplifier
AP3 power amplifier
*AP1X power amplifier
AC1 pre-amplifier
*LB1 speaker
HL1 speaker

New products:

The FM1 tuner is designed as a matching unit to the AC1 pre-amplifier and features LED lamp readout of the tuned frequency.

The AP3 and AP1X power amplifiers both feature the same case, the AP3 being rated at 100W into 8 ohms, the AP1X offers 75W into 8 ohms.

Finally, the LB1 Lynette is a small unit containing 200mm bass and 20mm soft dome tweeter. The cabinet front baffles are angled permitting a square position in a bookshelf, but still maintain a good stereo image.

Linn Products Limited Room Lower Ground Floor

235 Drakemire Drive

Castlemilk

Glasgow G45 9SZ

Tel: 041-634 3860

Contact: Mr I S Tiefenbrun

Products on show:

LP12 turntable
Linn Isobarik DMS speaker
* Linn Isobarik PMS speaker
Active crossover

Grace pickup arm
Range of Grace cartridges
Range of Supex cartridges
* Linn head amplifier
Clean-oil disc cleaning device

New products:

The Isobarik PMS speaker is an enclosure containing 3 drive units designed to be coupled to the NAXO active crossover unit and three NAP 250 power amplifiers. The Isobarik DMS is a new version speaker, identical to the PMS, but containing a passive crossover unit. The Linn head amplifier is designed to match to any of the currently available moving coil cartridges on the market.

Marantz (UK) Limited Rooms 1211/1213

Main Foyer

Debmarc House

203 London Road

Staines Middlesex

Tel: Staines (81) 50132

Contact: Mr T St John-Meghan

Products on show:

140 power amplifier
250M power amplifier
510 power amplifier
510M power amplifier
3200 pre-amplifier
3600 pre-amplifier
3800 pre-amplifier
1030 amplifier
1040 amplifier
1060 amplifier
1070 amplifier
1150 amplifier
1150D amplifier
1250 amplifier
104 tuner
112 tuner
125 tuner
150 tuner
2215B receiver
2225BL receiver
2235 receiver
2250 receiver
2275 receiver
2325 receiver
6100 turntable
6200 turntable
6300 turntable
5120 cassette deck
5220 cassette deck
5400 cassette deck
5420 cassette deck
4G speaker
5G speaker
6G speaker
7G speaker
HD44 speaker
HD55 speaker
HD66 speaker
HD77 speaker
HD88 speaker
4000 4-channel pre-amplifier adaptor
4070 4-channel amplifier
4140 4-channel amplifier
4240 4-channel receiver
4270 4-channel receiver

4300 4-channel receiver
4400 4-channel receiver
SD5 headphones
SE-1S headphones

A new cassette deck will be shown, but no details were available at the time of going to press.

From Superscope:

A235 amplifier
A245 amplifier
A260 amplifier
T210 tuner
T220 tuner
R1220 receiver
R1240 receiver
R1270 receiver
CD301A cassette deck
CD302A cassette deck
S16A speaker
S26A speaker
S208 speaker
S210 speaker
S212A speaker
S312 speaker
HP10 headphones
QA450 4-channel amplifier
QR450 4-channel receiver

Superscope will be showing their complete range of mono and stereo portable cassette recorders, mono and stereo cassette radios.

New products:

Two new models, the CR1830L portable cassette radio and a turntable will be shown, but no details were available at the time of going to press.

Metrosound Audio Products Limited Rooms 1024/1026

Cartesfield Road

Waltham Abbey

Essex EN9 1JF

Tel: Lea Valley (9) 712712

Contact: Mr D Mason

Products on show:

* M88 aerosol tape head cleaner
* M94 tape head cleaning fluid
* M95 super lin-track

The range of Metrocare audio accessories.

From Thorens:

TD160 Mk II turntable
TD126 Mk II turntable
TD145 Mk II turntable
TD166 Mk II turntable

New products:

The M88 Tape Head Cleaner Aerosol is fitted with an extension tube to improve access to difficult heads and is a special formulation claimed to remove any tape head deposit. The M94 Tape Head Cleaner fluid is a replacement item for use with all Metrosound tape cleaning accessories, and the M95 Super Lin-Track which is an updated and improved version of the earlier Lin-track.

TECHNICAL BREAKTHROUGH

JR Loudspeakers Model 149.

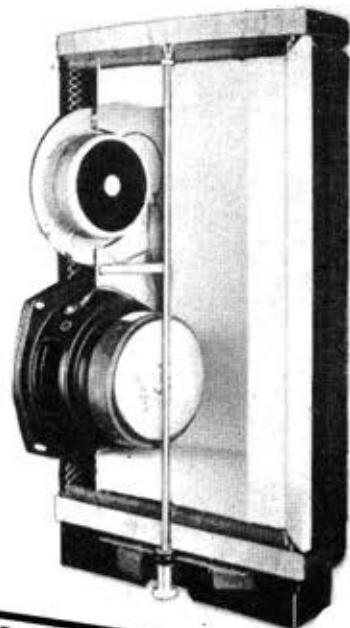
Jim Rogers, one of Britain's leading hi-fi technologists, has produced an outstanding design for a loudspeaker which entirely does away with the various problems of flat panel cabinets.

The resonances and colourations of box cabinets, with their three sets of flat parallel surfaces, are still all too obvious, despite the introduction of various damping techniques and the use of internal partitions.

The new JR149 system has an enclosure of heavy gauge aluminium in a near cylindrical shape, giving it enormous advantages over the conventional rectangular box. The shape is extremely resistant to vibrations. Standing waves from varying lengths of reflection are of low amplitude and these are damped by a thick layer of acoustic absorbing foam which lines the whole of the inside. The lining also reduces radiation from the cylinder's walls.

Each end of the cylinder is fitted with a low resonant fibre disc made slightly concave by the tension of an internal fixing steel rod which further inhibits panel resonance.

The radical design of these new loudspeakers allows for exceptional reproduction without the slightest hint of the small size of the unit. At last, high performance and small size have been combined - a real breakthrough in speaker technology.



HEAR THEM IN
ROOM 1125



JR Loudspeakers, 114 Ashley Road, St. Albans,
Herts AL1 5JR. Tel: St. Albans 64337. Telex: 28474

Please send me full colour leaflet giving technical specification and illustrating various reproduction antique and modern finishes

Name _____

Address _____

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

Milty Products Limited Rooms 1174/1176/1178

New Mansion House
173-191 Wellington Road
South Stockport
Cheshire SK1 3UA
Tel: Stockport (061) 480 8142
Contact: Mr R J Powell

Products on show:

Pixall record cleaner

Mission Electronics Room 1106

117 Wandsworth Bridge Road,
London SW6 2TP
Tel: 01-736 0987
Contact: Mr F Azima

Products on show:

*710 speaker
*720 speaker
*730 speaker

New products:

Three speakers are featured, the Model 710 which contains a 210mm bass driver with a Celestion MD 1000 tweeter and has a power handling capacity for 80W; the Model 720 using a 250mm bass unit, a 105mm cone mid-range with a 25mm dome tweeter and power handling of 100W. Finally, the 730 at the top of the range, having in addition to the set of drive units used in the 720, the Celestion HF 2000 super-tweeter; power handling is 135W.

Monitor Audio Limited Rooms 1111/1120/Main Foyer

347F Cherry Hinton Road
Cambridge CB1 4DJ
Tel: Cambridge (0223) 42898
Contact: Mr M Iqbal

Products on show:

MA7 speaker
MA511 speaker
MA4 speaker
MA3 II speaker
MA1 II speaker
* Super 7 speaker
ET1000 turntable
* Cascade 3 colour light organ
Speaker stands
Stylift AL100 arm lift

New products:

The MA7 Super is made only in matched pairs and contains a 165mm bass unit and a 25mm dome tweeter. Power handling is suitable for amplifiers from 10 to 40W into 8 ohms.

Monogram Professional Audio Rooms 1140/Main Foyer

281 Balmoral Drive
Hayes, Middlesex
Tel: 01-573 1566
Contact: Mr D Purkis

Products on show:

*3000 pre-amplifier
*3050 power amplifier
*3600 tuner
*3100 amplifier
*3200 amplifier
*3300 amplifier
*4000 pre-amplifier
*4100 pre-amplifier
*Concept 5000 pre-amplifier
*Concept 5100 parametric module
*Concept 5200 graphic equaliser
*Concept 5300 DBX
*Concept power amplifier

New products:

All products in the Monogram room are new and can be broken into three main types. The 3000 series (slim line) for the mid-range, 4000 series for the high end and the Concept 5000 which is a totally modular system. Model 3000 is a pre-amplifier, model 3600 an FM tuner of unusual design and model 3050 a 70W power amplifier.

Three other power amplifiers, model 3100 (100W), model 3200 (150W) and model 3300 (200W) are also released.

The 4000 series includes model 4000, a pre-amplifier and 4 band parametric equaliser and the model 4100, a pre-amplifier combined with a 12 band graphic equaliser. A 100W power amplifier module is available to match to these units.

Concept 5000 is a plug-in audio system consisting of a basic frame into which various audio units can be plugged.

Mordaunt-Short Limited Room 1009

Durford Mill
Petersfield Hants
Tel: Rogate (073 080) 721
Contact: Mr M C Short

Products on show:

Carnival series 2 speaker
Festival series 2 speaker
Pageant series 2 speaker
*Speaker stand for Pageant

B H Morris & Co (Radio) Limited Room 1084/1100

Precision Centre
Heather Park Drive
Wembley Middlesex
Tel: 01-902 9422
Contact: Mr B Cockram

Products on show:

From Trio:
KA1500 amplifier
KA3500 amplifier
KA5500 amplifier
* KA7100 amplifier
KA7300 amplifier
KA8300 amplifier
* KA9100 amplifier
600 amplifier
KT5300 tuner
KT7300 tuner
* KT7500 tuner
KT8300 tuner
600T tuner
KR2600 receiver
KR3600 receiver
KR4600 receiver
KR5600 receiver
KR6600 receiver
KR9600 receiver
KX520 cassette deck
KX620 cassette deck
KX720 cassette deck
KX920 cassette deck
KD1033 turntable
KD2055 turntable
KD500 turntable
KD550 turntable
LS202A speaker
880 speaker
990 speaker
KH32 headphones
KH52 headphones

New products:

Two new amplifiers, the KA 7100 with a 60W output and the KA 9100 with 90W are matched with a tuner, the KT 7500 designed for FM and MW reception.

The KX520 cassette deck is a front loader with Dolby noise reduction system and switching for ferric and chrome tapes.

Naim Audio Limited Room Lower Ground Floor

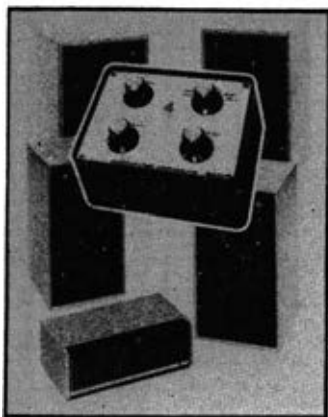
11 Salt Lane
Salisbury
Wiltshire SP1 1DT
Tel: Salisbury (0722) 3746
Contact: Mr J Vereker

Products on show:

* Naim turntable
* NAC22 pre-amplifier
* NAC32 pre-amplifier
NAP120 power amplifier
NAP160 power amplifier
NAP250 power amplifier
* NAXO active crossover

New products:

The NAC 22 is a pre-amplifier based on the same principles of the NAC 12 and designed to match the NAP 120 power amplifier. The NAC 32 is an upgraded version of the NAC 12 offering further facilities. A two or three way active crossover, model NAXO is designed for use with separate pre and power amplifiers driving the individual drive units of a speaker.



1: SURROUND SOUND



2: CONNECTING AND CONTROLLING ADDITIONAL PAIRS OF SPEAKERS



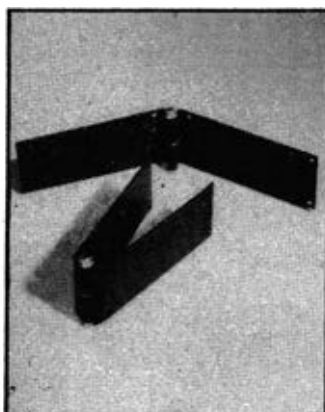
3: CONNECTING UP TO THREE TAPE RECORDERS



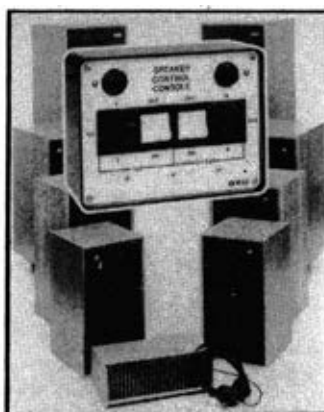
4: CONNECTING AND CONTROLLING ADDITIONAL PAIRS OF SPEAKERS



6: INTERFERENCE SUPPRESSION



7: WALL MOUNTING LOUDSPEAKERS



8: CONNECTING AND CONTROLLING ADDITIONAL PAIRS OF SPEAKERS



9: MAINS DISTRIBUTION



CONNECTING TWO RECORD PLAYER DECKS

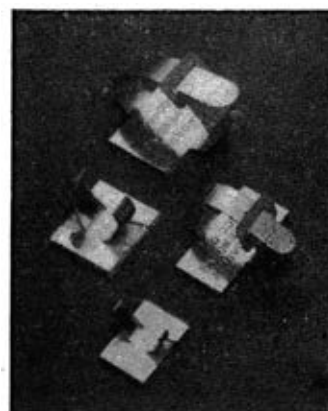


11: HI-FI EQUIPMENT COMPARISONS

TRADE ONLY



*12: HI-FI FURNITURE



13: CABLE CLIPS

THE NEW QED 24 PAGE CATALOGUE

PROVIDES ESSENTIAL INFORMATION ON THE ABOVE SUBJECTS

* AVAILABLE MAY 1977

We would like to thank the following manufacturers for providing equipment for use in some of the above photographs:- B.S.R., CASTLE ACOUSTICS, CELEF AUDIO, FERROGRAPH, FONS, GOODMAN'S, N.E.A.L. SUGDEN AND THE ACOUSTICAL MANUFACTURING CO. (QUAD).

QED

AUDIO PRODUCTS LTD.

61a High Street,
Hampton Hill,
Middlesex.

QED Audio Products are available from over 300 dealers throughout the U.K. or order direct and we will despatch your unit(s) within 24 hours P&P free.

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INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

National Panasonic (UK) Limited

Rooms 1169/1171/1173
107 Whitby Road Trading Estate
Slough Berks
Tel: Slough (75) 34522
Contact: Mr R Westmorland

Products on show:

From National Panasonic:

SU-2300 amplifier
ST-2300 tuner
SG-25Q receiver
SL-18 turntable
SB-60 speaker
SB-61 speaker
RE-7860LBE receiver/cassette
SG-2500L compact
SG-2080L musiccentre
SG-2080LD musiccentre
SG-3090L musiccentre
* SG-3060L musiccentre

From Technics:

SU-3500 amplifier
SU-8600 amplifier
SU-9600 amplifier
SU-7300 amplifier
SU-7700 amplifier
ST 7300 tuner
ST-3500 tuner
ST-7600 tuner
ST-9600 tuner
SA-5060 receiver
SA-5160 receiver
SA-5160L receiver
SA-5360 receiver
SA-5460 receiver
SL-20 turntable
SL-23 turntable
SL-150 turntable
SL-2000 turntable
SL-1700 turntable
SL-110 turntable
SP-10 MK II turntable
* SL-1800 turntable
* SL-1600 turntable
RS-263AUD cassette deck
RS-273 USD cassette deck
RS-630 USD cassette deck
RS-640 USD cassette deck
RS-671 USD cassette deck
RS-676 USD cassette deck
RS-9900US cassette deck
* RS-615US cassette deck
SB-30 speaker
SB-40 speaker
SB-102 speaker
SB-202 speaker
SB-302 speaker
SB-402 speaker
SB-501 speaker
SB-5000 speaker
SB-6000 speaker
SB-7000 speaker
EPC-205CS cartridge
EPC-205CL cartridge
EPC-205CH cartridge
EPC-270C cartridge
EAH 300 headphones
SH 9090 graphic equaliser

New products:

The SG 3090L and SG 3060L are two new musiccentres from National Panasonic, fitted with

Dolby cassette recorders.

From Technics, two amplifiers are added, the SU 7300 providing 40W per channel and the SU 7700 with 50W per channel. Matching these is an FM and MW tuner, model ST 7300.

Two new turntables, based on the design of the existing direct drive SL1700, provide for fully manual operation (SL 1800) and fully automatic operation (SL 1600).

The RS615 cassette deck is a low-cost front loading machine with switching for ferric, chrome and ferrichrome tapes and Dolby noise reduction.

Natural Sound Systems Limited

Rooms 1121/1122/1126

10 Byron Road,
Wealdstone
Harrow

Middlesex HA3 7BL

Tel: 01-863 8622

Contact: Mr M Kays

Products on show:

From Yamaha:

CA410 amplifier
CA610 amplifier
* CA810 amplifier
* CA1010 amplifier
* CA2010 amplifier
CT410 tuner
CT610 tuner
* CT810 tuner
* CT1010 tuner
CR200E receiver
* CR620 receiver
* CR820 receiver
* CR1020 receiver
* CR2020 receiver
TC511S cassette deck
TC800D cassette deck
TC800GL cassette deck
YP211 turntable
YP511 turntable
NS645 speaker
NS625 speaker
NS500 speaker
NS1000 speaker
NS1000M speaker

From Nakamichi:

TT-1000 cassette deck
TT-700 cassette deck
DT-600 cassette deck
DT-550 cassette deck
DT-350 cassette deck
DT-250 cassette deck
N-620 power amplifier
* 420 power amplifier
* 410 pre-amplifier
N-610 mixer/pre-amplifier
* N-630 tuner/pre-amplifier
* TMS500 microphone
* DS208 speaker
CM300 microphone and accessories
* MCS500 cartridge
MC 1000 cartridge
* BA-100 bridging adaptor
MCB-100 cartridge booster
HP-100 headphones
Slimline speaker
Rack and timer
Maxell cassettes
Super LN C-60, C-90, C-120

VD C-60, C-90, C-120

UDLX1 C-60, C-90

UDLX2 C-60, C-90

New products:

The N420 power amplifier is a rack-mounted product capable of producing 50W per channel into an 8 ohm load and with an optional model BA-100 bridging adaptor can be operated with higher power outputs. Matching the N420 is the N410 pre-amplifier, also designed for rack mounting.

Matching the 600 series components, an unusual FM tuner, combined with a pre-amplifier, model 630 is to be featured. As with the other 600 series the model 630 can be mounted in the System One rack.

Nightingale Acoustics Room 1146

51 Beatty Road
Eastbourne

Sussex

Tel: Eastbourne (0323) 30405

Contact: Mr J Jeffries

Products on show:

NM1 speaker
*NM2 speaker

New products:

The NM2 speaker, in development at the time of going to press, is designed to provide high power handling and is expected to be of large dimensions.

Nippro Acoustics Room 1191

18 High Road

Swaythling

Southampton

SO2 1JH

Tel: Southampton (0703) 553473

Contact: Mr D Hall

Products on show:

Pro 6 speaker
Pro 9TL speaker
*Pro 2 speaker
*Pro 7PL speaker

New products:

Two new models to be announced are the PRO 2 a bookcase unit containing a 165mm bass unit with an Audax dome tweeter, and the PRO 7PL which is a reflex cabinet containing a 203mm bass driver, a Peerless KO 40 mid-range unit and an Audax dome tweeter.

North East Audio Limited

Room 1057

5 Charlotte Square

Newcastle-upon-Tyne

Tel: Newcastle-upon-Tyne (0632) 26660

Contact: Mr A Helliwell

Loudspeakers are like books. The exterior gives little indication as to what they contain. But their quality is directly related to the care, expertise and craftsmanship that goes into their construction and design.

The cabinet of every R.A.M. loudspeaker is internally stress veneered. To avoid any unwanted flexing of the walls at low frequencies. Which can cause colouration.

For the same reason, all our larger cabinets are internally braced.

And, to prevent spurious panel resonance, we damp the cabinet with layers of bitumen and slabs of BBC specified anechoic grade foam. Because, if the air inside the cabinet resonates, colouration again occurs.

The same quality of workmanship is built into every R.A.M. loudspeaker. And, unlike many manufacturers, we do not use cheaper components in our less expensive models.

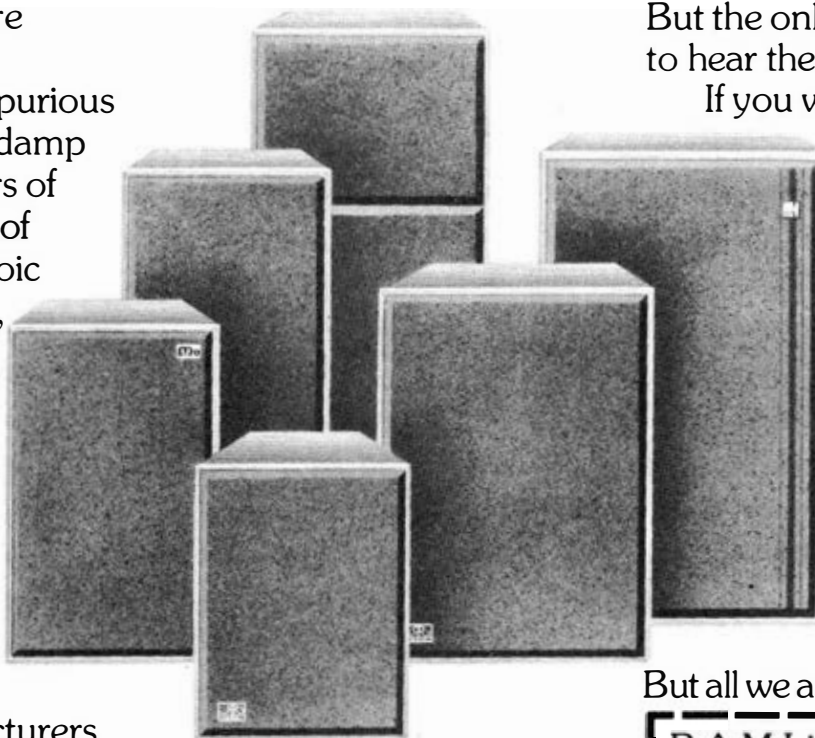
For example, the same 8" Bextrene bass mid range drive unit goes into all our loudspeakers. The magnet is 30% larger than average for improved performance. And it is mounted in a high loss inverted PVA surround.

To limit cone excursion. So that it can't be damaged by striking the end stop.

Our crossovers are constructed to very close

To look at, the only difference between ours and theirs is the name.

tolerances. The cores are of a ferrite which offers superior saturation characteristics. Which means that the chokes



will continue to operate at high power levels. Beyond the point where serious distortion becomes apparent in some other designs. And the resistors are rated at six watts. Twice as high as average. To minimise the chance of the tweeters being blown. Additionally, every drive unit is batch selected

to extremely close tolerance levels. Before it goes into any of our loudspeakers. And the units are designed to be efficient. So that you don't have to overstrain your amplifier to get a more than adequate sound level. Fifteen watts will be quite sufficient.

We do all this and more for one purpose. To produce the finest possible sound. And we fully guarantee every model for three years.

So by all means look. But the only way to know is to hear the difference.

If you would like to find out more about the R.A.M. range of loudspeakers, ask your R.A.M. dealer or clip and return the coupon below. We'll send you our detailed brochure. Like a good book, it's worth reading.

But all we ask is that you listen.

R.A.M. Limited,
Clarke Road,
Mount Farm,
Milton Keynes, Bucks.
Tel: 0908 75764.



Please send me a copy of your brochure.

Name _____

Address _____

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

Products on show:

102V cassette deck
103 cassette deck
104 cassette deck
110 cassette deck
* 102AV audio visual cassette deck
* 103AV audio visual cassette deck
140 4-channel cassette deck
4-channel resolver

New products:

The 102AV and 103AV are stereo audio-visual cassette recorders providing inputs for any standard slide pulse synchronisation unit on the fourth track of a cassette. Track 3 is used as a guard band.
The model 140 is the first 4-track, 4-channel cassette recorder suitable for use as a surround-sound machine.

Nytech Limited Room 1208/1206

4 High Street
Nailsea
Bristol BS19 1BW
Tel: Nailsea (02755) 5267
Contact: Mr R M Hay

Products on show:

*CTA 302 receiver
CTA 252 receiver
*TA 300 receiver
A225 amplifier
*A250 amplifier
*CA225 amplifier
*T801 tuner
*T802 tuner
*RCE101 equaliser
1252 compact

New products:

The Nytech CTA 302 is a higher power version of the established CTA 252 and is believed to be the most compact receiver in the world for a given power/size ratio, in fact its nearest competitor is probably the CTA 252.

A new range of amplifiers, tuners, receiver and room correction equaliser (graphic equaliser) will be shown for the first time. These new products have been designed with the serious audiophile in mind and are distinguished by their basic simplicity and superb engineering standards coupled with realistic prices.

The A 225 and A 250 are basic integrated amplifiers with only volume and balance controls plus input switching, both units have an interface socket for the RCE 101 equaliser for those requiring response correction, the power outputs are 25 and 50 Watts per channel at less than 0.05% THD.

The CA 225 is identical to the A 225 but includes low distortion tone control circuitry with bass, middle, treble, low filter and high filter controls. The T 801 tuner features 8 pre-set stations, and is FM only.

The T 802 is identical to the T 801 but includes manual tuning for FM and also incorporates MW and LW tuning.

The RCE 101 is a room correction or graphic equaliser with 7 independently adjustable controls for each channel at frequencies of 50, 125, 316 and 800Hz and 2, 5 and 12.5kHz. The unit is intended for use with the A 225 and A250 amplifiers, but can be used with any amplifier/pre-

amplifier with pre-amp output/power-amp input sockets.

The TA 300 is a 30 watt AM/FM receiver with pre-set stations and all usual facilities.

First new tuner is the Nytech T801 — and FM-only unit with eight station pre-sets and display meters for signal strength, zero centre tuning and frequency read-out among its facilities. The price is around £118.

The second unit is the T802 which is the same as the T801 but has an additional LW/MW section plus manual FM tuning as well as the pre-set facilities. Cost: around £152.

Final new Nytech item is the RCE 101 equaliser which lets the sound of a hi-fi system be contoured to suit the shape of a particular listening room. Cost: around £108. Every one of the seven units is styled to match and is available in a choice of black or satin finishes.

Omex Products Limited Room 1119

Hereford House
Wandle Mills
Beddington
Croydon
Surrey CR0 45B
Tel: 01-686 9022
Contact: Mr K Robson

Products on show:

MC006 musicentre
MC020 musicentre
* Series 600 musicentre
* HF012 musicentre
* HF12 musicentre
Gallery 12 musicentre
AU10 compact
Discomex disco unit

New products:

Details of the three new musicentres from Omex are as follows; the HF12 and HF012 feature 12W per channel output, and FM, MW and LW.

J Parkar & Co (London) Limited Rooms 1175/1177

Parkar House
Beresford Avenue
Wembley
Tel: 01-903 5211
Contact: Mr E Storey

Products on show:

*Binatone stereo expander speakers
*Binatone booster amplifier
*President musicentre
*Binatone 14" transportable television

New products:

The Binatone booster amplifier and Stereo Expander Speakers are designed for in-car use and are an attachment to the existing in-car system.

A new musicentre offering 10W output and a 4-

band tuner will be shown and is called the President. Finally, a 14 inch transportable television will be previewed.

Pyral Magnetics Limited Room 1204

Airport House
Purley Way, Croydon
Surrey CR0 0XZ
Tel: 01-681 2272
Contact: Mr J Thurley

Products on show:

Cassettes:
Sprint C60, C90, C120
Hi-Fi C60, C90, C120
Optima Maxima C60, C90
* Super Ferrite C60, C90

Reel-to-reel:

Hi-Fi Low Noisestandard, long play and double play. 5in, 7in and 10½in. Professional standard and long play. 5in, 7in and 10½in.

Pyser Limited Room 1114

102 College Road
Harrow
Middlesex
Tel: 01-427 2278
Contact: Mr M Blockley

From Accuphase:

E202 amplifier
T101 tuner
T100 tuner
C200 pre-amplifier
P300 power amplifier

From NAD:

* NAD 120 receiver
NAD 60 amplifier
NAD90 amplifier
NAD200 amplifier
NAD140 receiver
NAD168 receiver
NAD300 receiver
NAD900 cassette deck

Fuji Cassettes:

SL LN C-30, C-60, C-90, C-120
SX Pure Ferrix C-46, C-60, C-80, C-90
Cleaning Set

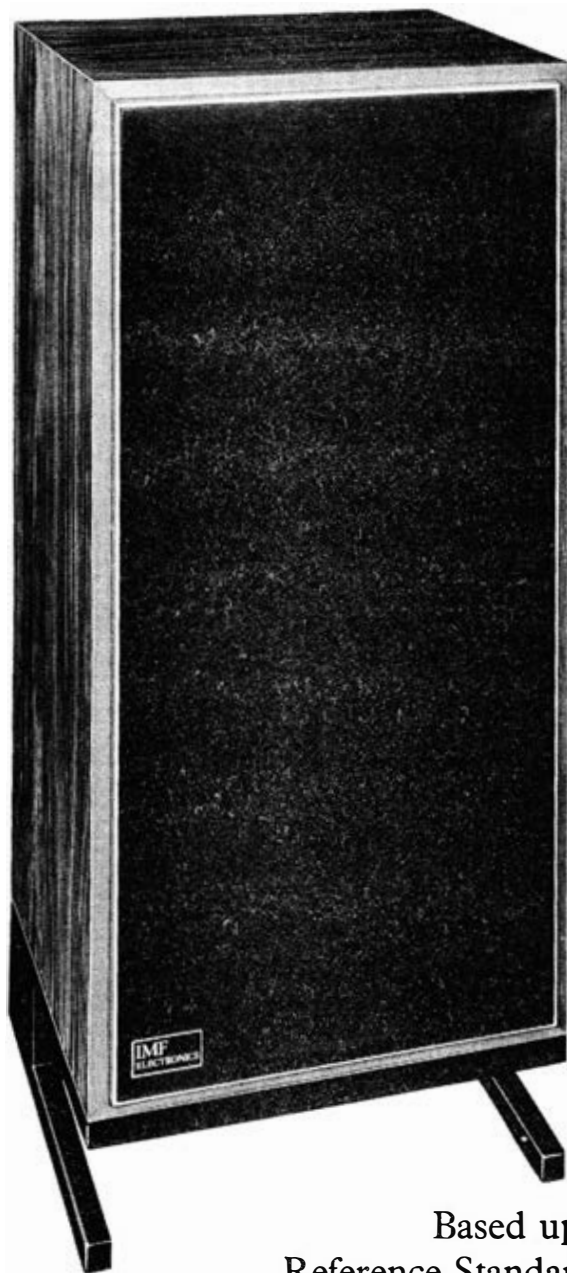
Reel-to-Reel

FM900 5in, FM1200 7in, FM1800 7in,
FG1200 7in, FG1800 7in, FG3600 10½ in
FB1200 7in, FB1800 7in, FB3600 10½ in
FX C45 8 track
FX C90 8 track

New products:

The new NAD120 receiver delivers 20W per channel into 8 ohms and features FM and MW reception. The Accuphase P20 is a power amplifier rated at 70W per channel and has the distinction of being recently voted Amplifier of the Year by Japanese dealers. A final late addition to the new products is the Audio-Pulse Digital Time Delay which is a device designed to

world debut



Based upon the world acclaimed Reference Standard Professional Monitor, the new TLS 80 MkII employs the same essential components and knowhow. How close are the results achieved, must be heard to be believed. Visit Room 1035 at High Fidelity '77 and audition them for yourself.

monitor TLS 80 Mk II

Westbourne Street High Wycombe Buckinghamshire Tel High Wycombe 35576



INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

add additional dimensions to a stereo system. It is to be used in conjunction with a second stereo power amplifier and two other speakers.

QAS

Rooms 1207/1209

Wollaton Road
Beeston
Nottingham
Tel: Nottingham (0602) 256141
Contact: Mr B Lawson

Products on show:

QAS audio connecting leads and hi-fi accessories will be on display.

Quadramail

Entrance Foyer

5 Fellows Road
London NW3
Tel: 01-722 4009

Products on show:

Sheffield direct-cut discs.
CD-4 quadraphonic discs.

Quantum Audio Limited

Room 1202

19 East Street
St Ives
Huntingdonshire
Tel: St Ives (0480) 66306
Contact: Mr C Bishop

Products on show:

* Quantum speaker

New products:

This is the first in a range of five speakers to be followed later this year by a range of electronics. This speaker contains a 203mm bass unit and a 25mm soft-dome tweeter and is suitable for amplifiers from 25 to 70 Watts into an 8 ohm impedance.

Rank Audio Visual Limited

Rooms 1196/1197/ 1198/1199/1201

Great West Road
Brentford
Middlesex
Tel: 01-568 9222
Contact: Mr R Arrowsmith

Products on show:

From Akai
CS34D cassette deck
*CS 702D cassette deck

CS 705D cassette deck
CS 707D cassette deck
GXC 39D cassette deck
GXC 310D cassette deck
GXC 325D cassette deck
*GXC 570D cassette deck
GXC 740D cassette deck
GXC 760D cassette deck
4000DS Mk II reel-to-reel deck
4000DB Mk II reel-to-reel deck
*GX215D reel-to-reel deck
GX265D reel-to-reel deck
GX630DB reel-to-reel deck
*GX650D reel-to-reel deck
AA 1010 receiver
AA 1020 receiver
AA 1030 receiver
AA 1050 receiver
AM 2200 amplifier
AM 2400 amplifier
*AM 2600 amplifier
*AM 2800 amplifier
AT 2200 tuner
AT 2400 tuner
*AT 2600 tuner
AP 001 turntable
AP003 turntable
AP006 turntable
SW137 speaker
SW157 speaker
SW177 speaker
RV1 audio rack
RV100 audio rack
RV200 audio rack

From Leak:

3020 speaker
3030 speaker
3050 speaker
3080 speaker
2075 speaker
3200 receiver
3400 receiver
3900A amplifier
3900T tuner
3001 turntable
3000 headphones

From Rotel:

RA212 amplifier
RA312 amplifier
RA412 amplifier
RA712 amplifier
RA812 amplifier
*RA913 amplifier
RA1312 amplifier
RA1412 amplifier
RT224 tuner
RT324 tuner
RT724 tuner
RT824 tuner
RT1024 tuner
RX152 Mk II receiver
RX202 Mk II receiver
RX402 receiver
*RX603 receiver
*RX803 receiver
RX7707 receiver
RX1603 receiver
RP900 turntable
RP1500 turntable
RP2500 turntable
*RP3300 turntable
*RP5300 turntable
*RD 10F cassette deck
RD20 cassette deck
RD 12F cassette deck
RM 5010 musiccentre

From Wharfedale:
Chevin XP speaker

Denton 2XP speaker
Linton 3XP speaker
Glendale 3XP speaker
Dovedale SP speaker
Airedale SP speaker
*E50 speaker
*E70 speaker
Larger Than Life — Wharfedale demonstration record

New products:

Adding to the Akai range the CS702D cassette deck is the lowest priced front loader in the Akai range.

The GXC 570D fits in at the other end of the scale and is a 3-head, 3 motor deck with extra facilities such as pitch control, variable rewind speed, adjustment for Dolby and mic/line mixing.

Two reel-to-reel machines will be unveiled — the 3-head, 3 motor GX-215D and the top-end GX-650D which offers large reel capacity and tape speeds up to 38 cm/s.

Extending the Akai electronics are the AM 2600, a 65W amplifier, the AM 2800, 85W amplifier and the matching AT 2600 FM tuner.

The Rotel range is increased with the 60 Watt RA 913 amplifier, and the 45W per channel RX603 and 70W per channel RX 803 receivers. Both offer FM and MW bands and tape dubbing facilities. The direct drive RP5300 and RP300 belt drive turntables will also be shown for the first time, both offering strobe speed indicators and pitch controls.

A cassette recorder, the RD10F offers Dolby noise reduction and switching for ferric, chrome and ferrichrome tape types.

Wharfedale launch the new 'E' series speakers at the show, these comprising the E50 with 70 Watts handling and the E70 with 100 Watts handling. They are characterised by having a very high efficiency and must rate as being some of the most unusual in appearance to come out of the UK this year.

Rega Research Limited Room 1210

Swaines Industrial Estate
Ashington Road

Rochford, Essex
Tel: Southend (0702) 546674
Contact: Mr R Gandy

Products on show:

Planet turntable
Planar 2 turntable
*Planar 3 turntable

New products:

The Rega Planar 3 is the third turntable in the Rega series and is a belt drive unit. No further details were available at the time of going to press.

R I Audio Room 1012

Kernick Road
Penryn

Cornwall
Tel: Penryn (0326) 72753
Contact: Mr W Garrod

Products on show:

Groovac 111 vacuum record cleaner

Not quite the best-known name?



Quite the best name to know.

PAGEANT SERIES 2 FESTIVAL SERIES 2 CARNIVAL SERIES 2
£140.00 £88.00 £70.00

Recommended Retail Price (U.K.) per pair (excl. V.A.T.)



Mordaunt-Short Ltd

High-Fidelity Loudspeaker Systems

Durford Mill, Petersfield, Hampshire, GU31 5AZ
Telephone: Rogate (S.T.D. 073 080) 721/2
Telex: HIFI 87323 (FSI Brighton)

I am interested in really good speakers. Please send me details.

Name _____
Address _____

INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

Richard Allan Rooms 1193/1195

Bradford Road
Gomersal
Cleckheaton
Yorkshire

Tel: Cleckheaton (0274) 872442

Contact: Mr A Worley

Products on show:

Tango speaker
*Charisma speaker
Maramba speaker
RA8 speaker
RA82L speaker
RA828LP speaker

New products:

Charisma is a bass reflex unit containing a 304mm bass unit, a 203mm mid-range and a 25mm tweeter.

Rogers (Swisstone Electronics Limited)

Rooms 1141/1143

4-14 Barmeston Road
Catford SE6

Tel: 01-697 8511

Contact: Mr B E Pook

Products on show:

LS3/5A speaker
Export Compact speaker
*Compact Monitor speaker
A75 Series 2 amplifier
T75 Series 2 tuner

New products:

The Compact Monitor is designed for stand or bookshelf mounting and is rated at 40W power handling. Two drive units are fitted, a 205mm bass driver and a 25mm dome tweeter.

Ross Electronics Limited Rooms 1013/1015

32 Rathbone Place
London W1P 1AD

Tel: 01-580 7112

Contact: Mr A C Murphy

Products on show:

Ross are showing their full range of audio accessories which include 12 stereo headphones and 20 headphones. Other accessories being shown include connecting leads, plugs, sockets, shielded adaptors and the Ross 66 series of compact cassettes.

*Their new products include a new range of compact cassettes — Ross 33 series, six microphones and two headphones.

From Peerless:

PMB 6 headphones

Kit 2050 speaker kit
Kit 2060 speaker kit
Kit 1060 speaker kit
Kit 1070 speaker kit
Kit 1120 speaker kit

New products:

New products on show include the Ross 33 range of cassettes, the RE-320, RE-325 and RE-330 dynamic microphones, the RE-310 and RE-310D microphones designed for use with cassette recorders, the RE-364 electric condenser microphone and the RE-251 and RE-257 high velocity dynamic stereo headphones.

Setton

Rooms 1167/1168

Clarke Road
Mount Farm
Milton Keynes

Tel: Milton Keynes (0908) 75764

Contact: Mr J Lewin

Products on show:

From Ram:
Ram bookshelf speaker
Ram 1 speaker
* Ram 200 speaker
Ram STL4 speaker

From Setton:

* AS1100 amplifier
* AS3300 amplifier
* RS220 receiver
* RS440 receiver
* RS660 receiver
* RCS-X1000 tuner pre-amplifier
* BS40 stereo car booster

New products:

The complete range of products from Setton is new to this country and includes the AS1100, 40W amplifier, the AS3300 55W amplifier, the RS 220 40W receiver and the RS 660 100W receiver. All the receivers are suitable for FM and MW reception and feature brushed satin alloy front panels with front panel handles.

Finally the RC5-X 1000 timer — pre-amplifier which is a complex two-box system, one containing controls, the other all the operative circuits. These are coupled by a multi-core flat cable suitable for use under carpets. The BS-40 unit is an in-car add-on power amplifier which connects to an existing system.

SGM (Electronics) Limited

Rooms 1203/Main Foyer

4a Lenten Street

Alton

Hants GU34 1HG

Tel: Alton (0420) 82882

Contact: Mr R Meadows

Products on show:

Orpheus cassettes:

Low Noise C60, C90, C120
High Energy C60, C90, C120
Chrome Dioxide C60, C90

* Orpheus cassette head cleaner

A range of British made Saxsound audio and mains leads will be on display with Electown headphones.

Shriro (UK) Limited Rooms: George I, II and III, lower ground floor

Shriro House
The Ridgeway

Iver, Bucks

Tel: Iver (0753) 652222

Contact: Mr Jennison

Products on show:

From Pioneer:

SX300 receiver
SX450 receiver
SX550 receiver
SX650 receiver
SX750 receiver
SX850 receiver
SX950 receiver
SX1250 receiver
PL112D turntable
PL115D turntable
PL117D turntable
PL510A turntable
PL530 turntable
PL550 turntable
*PL570 turntable
SA 5300 amplifier
SA 6300 amplifier
SA 7300 amplifier
SA 7500 amplifier
SA 8500 amplifier
SA 9500 amplifier
SA 9900 amplifier
*M22 power amplifier
*C21 pre-amplifier

TX 5300 tuner
TX 7500 tuner
TX 9500 tuner

CTF 2121 cassette deck
CTF 9191 cassette deck
CTF 6060 cassette deck
CTF 7070 cassette deck
CTF 8080 cassette deck

M6500 musiccentre
SE255 headphones

SEQ404 headphones
SE205 headphones
SE305 headphones

SE505 headphones
SE300 headphones
SE500 headphones

SE700 headphones
Monitor 10 headphones
HPM 40 speaker

HPM 60 speaker
HPM 100 speaker
*HPM 150 speaker

CSE 321 speaker
CSE 421 speaker
CSE 531 speaker

CSE 731 speaker
*RT2022 tape deck
*RT 2044 tape deck

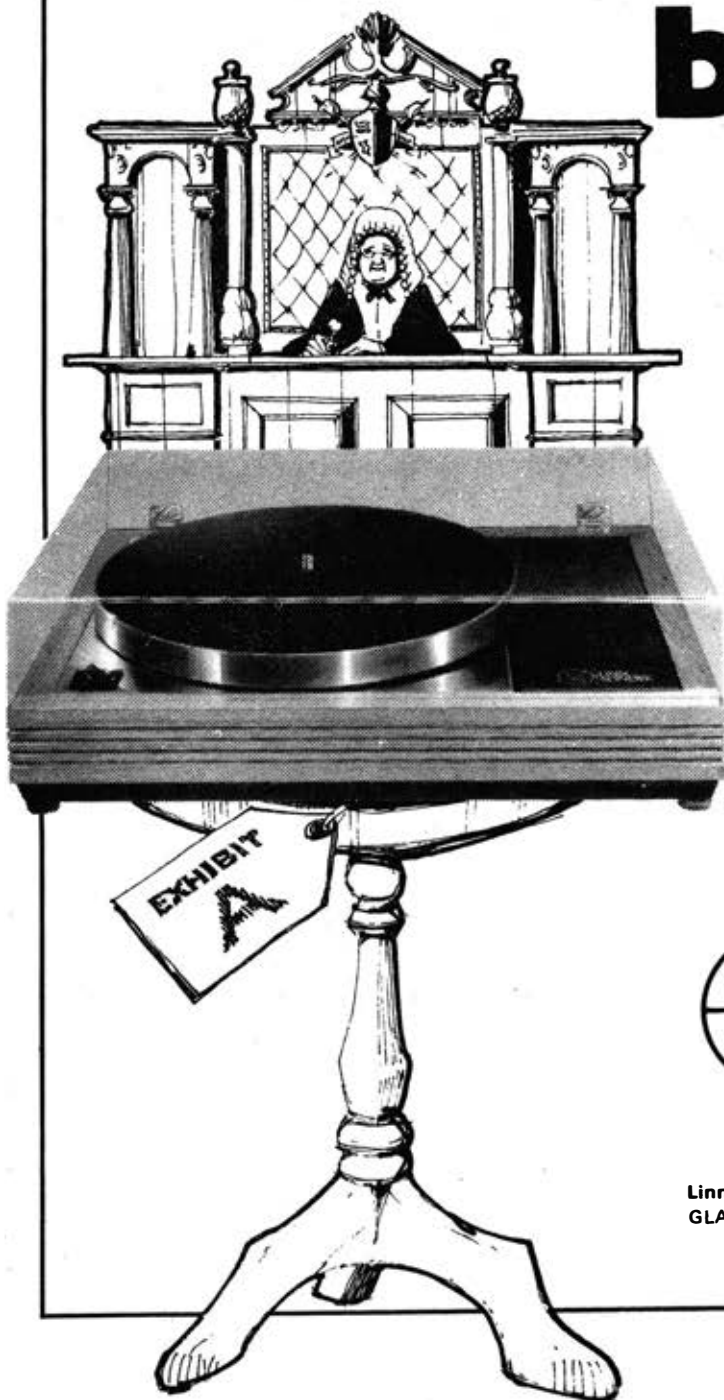
*RT 701 tape deck
*D23 electronic crossover network
*U24 programme selector

From Audio Technica

AT10 cartridge
AT11E cartridge
AT12E cartridge

LOOK FORWARD
TO SEEING YOU
AT THE SHOW!

The truth the whole truth and nothing but the truth.



When it comes to really faithful reproduction of any record thousands of ear witnesses will testify that the LP 12 deck from Linn Sondek doesn't lie.

Compare Exhibit A with any other deck in an A - B comparison and you'll find conclusive proof that the LP 12 has an unique point in its favour — a point that really turns the tables on other turntables — it sounds better.

We claim it will improve any system. Why? We changed the rules!

At Linn Products Ltd. we redefined the function of a turntable. The object of the LP 12 is to reproduce as closely as possible, in playback, the conditions under which the record was originally cut.

We welcome any fair trial.



simply better!

Linn Products Ltd., Sondek Division, 235 Drakemire Drive,
GLASGOW. G45 9SZ. U.K. Tel: 041-634 3860 Cables: 'Eurodeck'
TELEX 77301 SONDEK G

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AT13Ea cartridge
AT14Sa cartridge
AT155a cartridge
AT20SLa cartridge
1005 MK II pick-up arm
1009 pickup arm
a range of headphones and record care accessories will also be on display.

New products:

An automatic version of the PL550 turntable will be on show, listed as model PL570. Other new products are the RT 2022 and RT 2044, two and four track tape decks, a remote control unit and an extra clip-on channel tape amplifier unit. Also included is the smaller RT 701 tape deck, the 30W per channel M22 power amplifier and its matching model C21 pre-amplifier.

The D 23 electronic crossover is designed for use with several power amplifiers and to drive the individual units in a speaker system. An unusual item is the U24 programme selector extending the range of inputs possible on a pre-amplifier. The HPM 150 speaker handles up to 150W and contains three drive units, a 380mm bass unit, a 44mm tweeter with a polymer horn loaded super-tweeter.

Shure Electronics Limited Rooms 1162/1164/1166

Eccleston Road
Maidstone
Kent ME15 6AU
Tel: Maidstone (0622) 59881
Contact: Mr D Fairburn

Products on show:

Shure will be exhibiting their complete range of cartridges, plus offering a continuous demonstration of the V-15 Mk III.

Solus Products Room 1022

Post Office Lane
Market Harborough
Leicestershire
Tel: Market Harborough (0858) 66242
Contact: Mr C T Dunne

Products on show:

* Solus Profile cassette storage cabinet
BEK100 speaker wall brackets
Minor 5 speaker wall brackets
Vogels floor stand for speakers
Pixall record cleaner
Zeepa anti-stat record cleaning kit
TDK, Maxell, Memorex, Ampex, AMSA and BASF cassettes will be on show (for which Solus are local distributors).

New products:

Solus Profile is a hardwood storage cabinet with a smoked perspex lid and polystyrene moulded base, designed to accommodate 36 cassettes in library cases.

Son-Audax Loudspeakers Limited Rooms 1067/1068

Station Approach
Grove Park Road
Chiswick
Tel: 01-995 2496
Contact: Mr N W Barlow

Products on show:

* Public address microphones
Sonosphere speakers

New products:

A full advisory service on DIY speakers, plus component supply will be available plus demonstrations of typical DIY enclosures.

Sony (UK) Limited

Room Main Foyer/ Windsor Room

Pyrene House
Sunbury Cross
Sunbury-on-Thames
Middlesex
Tel: Sunbury-on-Thames (76) 87644
Contact: Mr M F Browne

Products on show:

*TA73 amplifier
TA5650 amplifier
TA8650 amplifier
*ST 73 tuner
ST 3950 tuner
ST 5950SD tuner
*STR1800 receiver
*STR2800L receiver
*STR3800L receiver
STR6800 receiver
*TTS8000 turntable
PS4300 turntable
PS6750 turntable
*TC229SD cassette deck
TC206SD cassette deck
TC138SD cassette deck
*TC158SD portable cassette recorder
*TC5102-2 portable tape deck
*TC765 reel-to-reel deck
*TC766-2 reel-to-reel deck
EL-5 Elcaset
EL-7 Elcaset
SS2070 speaker
SS3050 speaker
SS5050 speaker

New products:

Two matching units, the TA 73 amplifier offering 10W per channel and the ST 73, an FM/MW tuner, head the list of new items from Sony. Three receivers follow — the 12W per channel FM/MW STR 1800, the 20W per channel FM/MW/LWSTR2800L and the STR 3800L with the same wave bands but a 25W per channel output. The TC 229SD is a Dolby cassette recorder with an optional remote control facility and switching for the three main tape types. A portable stereo mains/battery recorder — the TC 158SD has Dolby and switching for ferric, chrome

and ferrichrome tapes.

Three tape decks are introduced — the portable TC 5102-2, the three-head, three-motor 19 cm/s and 9.5 cm/s TC 765 and the TC 766-2 which also offers a 250mm reel capacity with 38cm/s tape speeds and four heads, one of which is 4-track playback. The remainder are 2-track heads.

Sounds Professional Room 1056

49 Theobald Street
Borehamwood, Herts
Tel: 01-953 0091
Contact: Mr P Elliott

Products on show:

*EARC electronic antistatic record cleaner.

New products:

The EARC electronic antistatic cleaner is a combined brush, velvet pad cleaner and anti-static gun. No batteries are needed as the anti-static field is generated mechanically.

Sound Sense Hi-Fi Limited

Room 1014
1004 Cathcart Road
Glasgow G42
Tel: Glasgow (041) 632 6138
Contact: Mr A Vallance

Products on show:

From Ramko:
* Gulliver speaker
* Ramko 80 speaker
* R28/35 speaker
* R38/40 speaker
* R20/45 speaker
* R30/70 speaker
* R30/80 speaker
* R24/30 speaker
* R24/30 speaker
* R24/32 speaker

From Ralco:
* Ralco turntable

New products:

All products shown are new to this country. They are made in Israel. The Ramko speakers range from the small 35W Gulliver to the 75W R30/80. The Ramko turntable is a belt drive unit with floating arm and deck suspension and individual speed controls.

Strathearn Audio Limited

Rooms 1002/1004/1006

Kennedy Way Industrial Estate
Belfast
Tel: Belfast (0232) 611100
Contact: Mr G McLoughlin

Continued over

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HIGH FIDELITY

Products on show:

STM4 turntable
STA4 turntable
SMA2 turntable
SLA2 speaker

A R Sugden & Co (Engineers) Limited Room 1008/1010

Atlas Mill Road
Brighouse
West Yorkshire

Tel: Brighouse (0484) 712142
Contact: Mr P Schofield

Products on show

From Connoisseur:

BD1 turntable kit
BD1 turntable chassis
BD2 turntable
BD2A turntable
* BD103 turntable
SAU2 pickup arm

A range of audio accessories will also be on display.

New products:

The BD 103 turntable is a belt drive, three-speed unit with an external power supply. It's semi-automatic and housed in a walnut plinth. An alternative version in a larger plinth and cover — and minus arm — is also available.

Summitbest Limited

Room 1038

56-58 Clarence Street
Kingston-upon-Thames
Surrey

Tel: 01-549 0172

Contact: Mr R King

Products on show:

* 3001 turntable
* 6001 turntable

New products:

Two basic types of direct drive turntable with clear, black or aluminium topped base plates. Separate control boxes and a facility for fitting several types of arm also feature.

Supreme Audio Services

Room 1145

2 A Oakfield Road
West Croydon

Tel: 01-680 1101

Contact: Mr M P Bennett

Products on show:

A wide range of leads, sockets, plugs, headphones and general audio accessories, most of which are British made, will be on display.

Tangent Acoustics Limited Room 1210

Hardwick
Cambs

Tel: Madingley (09542) 658
Contact: Mr J Greenbank

Products on show:

TM1 speaker
TM3 speaker
*RS2 speaker
RS4 speaker
RS6 speaker

New products:

No details of the new RS2 speaker were available at press-time.

Tannoy Products Limited Rooms 1129/1133/ 1135/1136/1149

St Johns Road
Tylers Green

High Wycombe
Bucks

Tel: Penn (049 481) 5221

Contact: Mr J Walker

Products on show:

From Tannoy:

Arden speaker
Berkeley speaker
Cheviot speaker
Devon speaker
Eaton speaker

From Harman/Kardon:

330C receiver
430 receiver
730 receiver
A401 amplifier
*A402 amplifier
*T403 tuner
HK2000 cassette deck
*ST-6 turntable
ST-7 turntable
Citation 12 power amplifier
Citation 12D power amplifier
Citation 16 power amplifier
*Citation 17 pre-amplifier
Citation 15 tuner

From Micro-Seiki:

*MX1 headphones
*MSB1 shock absorber
MB10 turntable
DD20 turntable
DD40 turntable
DDX1000 turntable
*Ortofon cartridges and the MCA76 pre-amplifier.

New products:

No details were available of new products at time of going to press.

Tape-Music Distributors Limited

Main Foyer

114 Ashley Road
St Albans

Herts AL1 5JR

Tel: St Albans (56) 64337

Contact: Mr G Tughan

Products on show:

From Koss:

K6 headphones
K6LC headphones
PRO4AA headphones
PROSLC headphones
Phase 2 headphones
* Tech/2 headphones
Technician VFR headphones
K125 headphones
K135 headphones
K145 headphones
HV2 headphones
HV1A headphones
HV1LC headphones
Phase 2+2 headphones

New products:

Tech/2 headphones are the latest item from Koss. They're a dynamic unit using 50mm drivers in an ear-cup fitted with the Koss Pneumalite cushions. Weight is 450 gm.

Tape-Music Loudspeakers Limited Rooms 1123/1125

114 Ashley Road
St Albans

Herts

Tel: St Albans (56) 64337

Contact: Mr G Tughan

Products on show:

JR 149 speaker

Tape Recorder Spares Limited

Rooms 1155/1156

206/210 Ilderton Road
London SE15

Tel: 01-639 7844

Contact: Mr C Ford

Products on show:

Audio Packs full range of connectors, leads and accessories on display.

Teledyne Acoustic Research

Rooms 1074/1076/ 1078/1093

Continued page 67

MISSION ELECTRONICS



...some are more equal than others

Mission Electronics Ltd. 117, Wandsworth Bridge Road, London SW6 2TP

not all loudspeakers are created equal
Please send information to:

Name.....
Address.....

If it isn't Akai, you're still paying too much for it.



Although there are quite a few low-price front loaders on sale today, only one is made to Akai standards—the CS702D.

Which makes the CS702D the only machine to offer you the superlative technology and design that made Akai's name, at a low price.

Now is it really worth spending money on a machine you can't say that about?

Features: Wow and flutter less than 0.08% WRMS. Frequency response of 40-15,000 Hz \pm 3dB. Distortion less than 1.5%. Signal to noise ratio better than 61dB with Dolby.*

*Dolby is a registered trade mark of Dolby Laboratories.

The new CS702D Cassette deck from

AKAI



BY NR



REC LEVEL

LBY
JR LIMITER



ON - OFF



Please send me full details of the Akai range.

Name _____

Address _____



HFW4/1

Rank Hi Fi, PO. Box 70, Great West Road, Brentford, Middlesex TW8 9HR.



GOOD NEWS FOR BUDDING MILLIONAIRES.

The worst part of making a fortune is waiting for your bank balance to catch up with your ambitions.

But if you're not yet in the market for the most expensive Trio amplifier, at around £550*, don't despair.

You can console yourself with the Trio KA-1500, which costs around a modest £70*.

It's hardly the cheapest price in

town, we know.

The snag is that Trio is the only Japanese hi-fi company which actually specialises in hi-fi.

And since quality never comes cheap, our hi-fi prices are high.

On the other hand, our equipment is superb.

(Imagine the competition we're up against in Japan.) A specialist hi-fi company that



didn't make great equipment would be out of business in five minutes.)

A look at the specifications in our catalogue will give you an idea of what we put into the KA-1500.

A visit to your Trio dealer will let you hear what comes out.

And a completed coupon will get you a free 30-page colour brochure.

To: B. H. Morris and Co. (Radio) Ltd., Precision Centre, Heather Park Drive, Wembley, Middx. HA0 1SU. Please send me my free catalogue.

Name _____

Address _____

HF 77

 **TRIO** Sadly, it's not cheap.

Agents in Eire: Peat Wholesale Ltd., Dublin.

*At current rate of VAT.

This is the safest place in the world to play your records.

We believe you should have as little as possible to do with the ADC Accutrac 4000.

So once you've placed your record on the turntable, and pressed a few buttons, you can leave the rest to the world's first computerised turntable.

The human errors that do a lot of damage to records are a thing of the past.

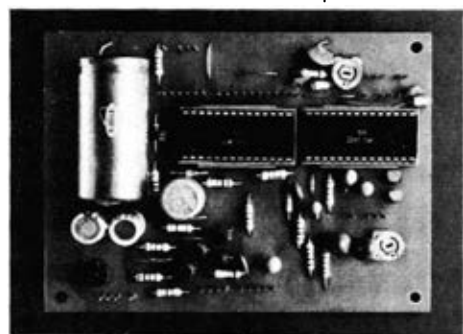
You get more out of it, because we put less into it.

It's a fact that when you compare the ADC Accutrac to other expensive turntables, the rest are made to look clumsy, complex and old-fashioned.

Truly superb sound reproduction can now be achieved in a much simpler way.

The turntable with a memory.

We started by replacing a lot of noisy mechanics with a neat little computer.



Out came standard components.

In went the latest breakthrough in MOS computer circuitry.

So all Accutrac's operations are controlled and programmed far more quickly and efficiently than any other automatic turntable.

The control panel is designed for you to select up to 13 tracks in any order you want to hear them, and a 24 selection memory bank allows for programmed repeats.

The motor that keeps an eye on itself.

We replaced the conventional belts, wheels and pulleys with an electronically controlled direct drive system that keeps wow and flutter to a completely inaudible .03% and rumble at -70dB.

The motor contains electronic speed-sensing circuits, which keep a constant eye on the accuracy of the massive 12 inch diecast turntable's speed, and instantly corrects any error.

There's also a speed tuning circuit that lets you vary the speed over 5%.

A glance through the stroboscope provides a reliable speed check.

The tonearm you never touch.

We did some more eliminating.

Out went the noisy linkages that power automatic arms from the main turntable drive



motor.

Out went velocity-sensing mechanical arm-trip mechanisms.

Out went all the clumsy cams and gears.

Instead, Accutrac's tonearm is moved by its own electro-optically controlled servo-motor.

It responds instantly and silently to your programme in the turntable's memory bank. Tracking error is minimised by the arm's 9 $\frac{1}{3}$ inch (237mm) effective length, and horizontal and vertical bearing friction has been reduced to the negligible level of 5-7mg, due to Accutrac's new ball race and pivot system.

From the instant the stylus touches the record, the arm is totally decoupled from the servo-motor and controls, so it always tracks the groove with perfect freedom.

The cartridge that knows where it's going. Accutrac has the most advanced cartridge in the world.

The ADC LMA-1.

It scans the surface of the record with a tiny beam of light from a solid-state infra-red generator.

When the beam is focused on the record, closely spaced grooves scatter the light, while the smooth surface between the tracks reflects the light back to a detector which triggers the arm mechanism.

This system ensures that the tonearm selects the right track quickly and smoothly, while accurately gauging where it begins and ends.

The low mass cartridge with its elliptical stylus, features the *Induced Magnet* system on which ADC built its enviable reputation.

It combines a strong, accurate, signal output with a $\frac{3}{4}$ to 1 $\frac{1}{2}$ gram tracking ability.



The integrated design of the tonearm and cartridge results in minimal arm mass and an ideal tonearm resonance between 8-10Hz.

It's all at your command.

As you see, Accutrac has some very intriguing features, quite apart from the turntable.



What looks like a pocket calculator is actually a

cordless command module.

So you have remote control.

The sculptured space-age object is the receiver for the turntable's memory bank. It's 'winking eye' tells you that your commands have been received.

Then you just sit back and enjoy what we hope you'll agree is the main attraction: the sheer excellence of the sound reproduction.



Distributed by BSR Limited,
Powke Lane, Cradley Heath,
Warley, West Midlands
B64 5QH

Accutrac 4000TM

Guaranteed for 2 years.

Reflecting on perfection



Every manufacturer strives for perfection when developing new products and CEC have undoubtedly come closer than most with their new range of turntables now available in the U.K.

Top of the range is the BD5200 (illustrated), a high quality, "gimmickless", semi automatic turntable which has been designed and engineered to provide years of trouble free service.

Finished in walnut, black and silver grey, visual presentation of the BD5200 is excellent and will blend in with most systems and decor whilst control presentation places everything just where it should be.

FEATURES OF BD5200

- ★ Stroboscopic electronic speed control for 33/45 rpm with individual $\pm 5\%$ pitch control.
- ★ Adjustable anti skate.
- ★ Automatic tone arm return.
- ★ Hydraulic tone arm lift.
- ★ Independant fully floating chassis for platter and tone arm.
- ★ Complete with Ortofon FI5C cartridge.

With a weighted rumble of -66dB (DIN 45539) and an extremely commendable wow and flutter of only 0.05% (DIN 45507), the BD5200 turntable offers excellent value for money at

£129.93
suggested (inc. of VAT)

There are three other turntables in the range, each designed and engineered to the same high standards and each meeting a particular demand.

BD4200

A fully automatic turntable with repeat play facility – finished in walnut and black and complete with Ortofon FI5C cartridge.

BD3200

A semi automatic turntable of slightly less sophistication than the BD5200 – finished in walnut and black and complete with Ortofon FI5C cartridge.

BD2200

An extremely attractive, low cost, high quality, manual turntable with hydraulic tone arm lift; an ideal base for any fine hi-fi system – finished in matt black and complete with Ortofon MC20 cartridge.

CEC turntables are distributed in the U.K. by :
Uher Limited, Trade and Industrial Sales Division,
28, Spencer Street, St. Albans, Herts. AL3 5EG.

For full details of the complete CEC range of turntables, please complete and return this coupon.

Name

Address

TDK Super Avilyn.

Hearing about it is one thing. Hearing it is something else.



If high fidelity cassette tapes form an essential part of your recording equipment, you must by now have heard about Super Avilyn. The tape that outperforms chrome and has none of its drawbacks. But have you *heard* it?

Super Avilyn's wide frequency range, low noise levels and high maximum output are all achieved with no more head wear than that of ordinary ferric oxide tape.

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How to find your Hi-Fi at Heathrow

by John Peel

Hi-fi shows, like hi-fi itself, are big business these days. You can glean some idea of how much a show costs from the fact that the money spent by the exhibitors would be enough to take every single visitor out for a good dinner (not such a bad idea at that!).

The exhibitors, of course, are looking for a return on the considerable investment they've made, and this means, at its most basic, that they want you to buy their products. You, however, are making an investment in the show as well — your time, and this article is intended to help you get the best value from your visit.

You may not actually be thinking of buying hi-fi in the *near* future at all, but unless you're just interested in seeing what's new on the hi-fi scene, and happy to wander as the mood takes you, it's worth while deciding just what you're interested in before you go. After all, there will be over one thousand products on display, and if you try to look at them all in a one day visit you'll have less than thirty seconds to spend on each product!

If you haven't taken the hi-fi plunge yet, and will one day be in the market for a complete system, the exhibition has a good deal to offer you — perhaps the most important attraction being that it gives you a chance to listen to as many working systems as you fancy. This is particularly useful if you're new to the world of hi-fi, since it will give you a chance to assess the sort of quality you can obtain within your budget. Many potential buyers are uncertain whether a musiccentre might be better suited to their needs than a separates system, and as many companies manufacture both, you can make comparisons and draw your own conclusions.

Upgrading systems

Enthusiasts who already have a system, but are thinking of upgrading or adding new equipment, will probably have some clear idea of which companies' products are particularly interesting. It can save you a fair amount of time to mark these off on the exhibition guide, but my own experience has been that the most interesting items in a hi-fi show are seldom the ones you know about in advance — many manufacturers launch new products or even entire ranges at hi-fi shows, and the details are often kept secret until the show actually starts. The *Hi-Fi Weekly* Exhibition Catalogue lists the exhibitors and the types of products they will be showing, so you can use these lists to considerable time-saving advantage if you're only interested in, say, amplifiers.

But if part of the secret of getting the

most out of hi-fi shows is knowing what you're looking for, another equally important factor is knowing what hi-fi shows can and *cannot* do for you. They are not, and never will be, a substitute for listening to hi-fi and comparing products at a good dealer, who, though he may not be completely unbiased, is certainly likely to be less so than the people who make the equipment.

Room effects

As regular *Hi-Fi Weekly* readers will know, the room in which you listen to hi-fi has almost as much effect on the sounds you hear as the equipment itself. Even moving the speakers just a few feet can make an astonishing difference to the sound quality — and for that matter, if you move a few

feet, the sound also can change completely.

There isn't a great deal you can do to overcome these problems. It helps if you audition speakers from a good listening position, which for most speakers means mid-way between them and at a distance slightly greater than the gap between the left and right speakers. As it happens though, you won't be the only person at Hi-Fi '77 who knows the best position for listening to hi-fi, so it's unlikely you'll have the centre spot all to yourself!

With speakers the sound quality change as you move around them, it can also alter quite dramatically with changes in height! Most speakers are designed to give their best performance when the listener's ears are at about the same height as the speaker, so if

Continued on page 66





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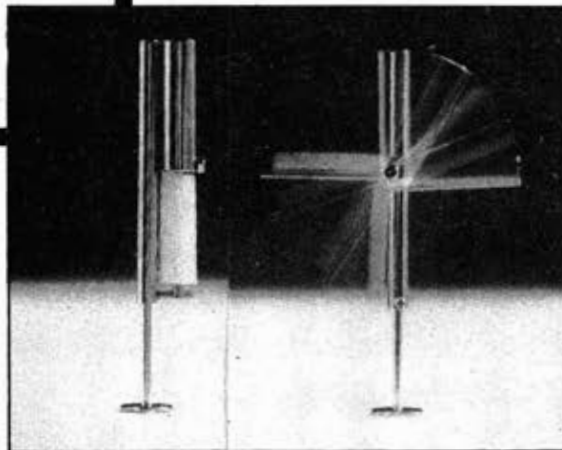
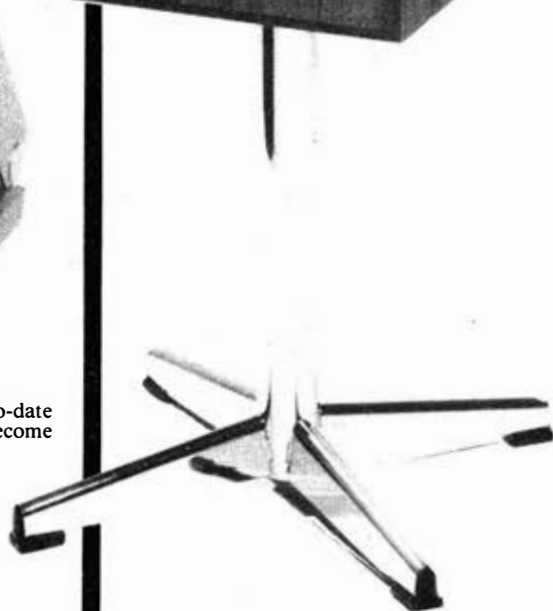
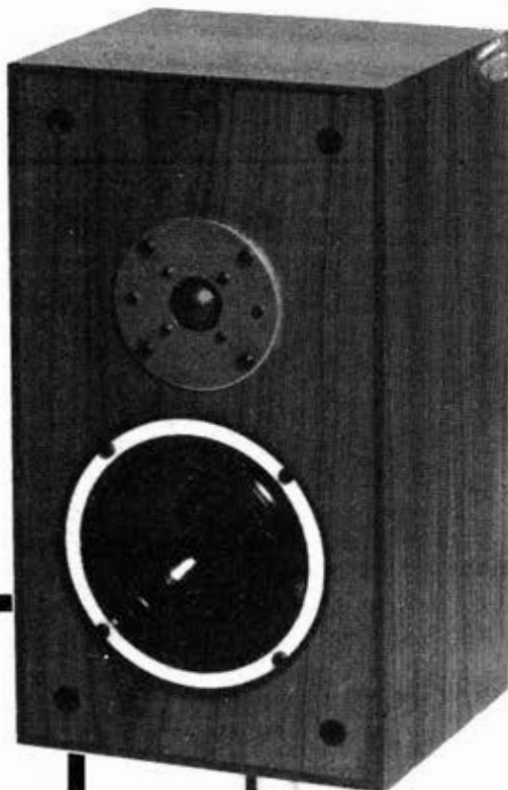
Frequency response 45Hz to 20 K Hz \pm 3 db
(Axial measurement using Pink Noise
1 meter)

Impedance 8 ohms nominal

Cross-over 18db/Octave at 3.4 K hz

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.. RA 712	£152.00	£106.50
.. RA 812	£217.55	£152.50
.. RA 1312	£390.00	£273.00
.. RA 1412	£510.00	£357.50
AKAI AM 2200	£121.00	£84.90
.. AM 2400	£182.00	£127.50
PIONEER Exclusive C3	£1,024.18	£739.00
.. Exclusive M3	£1,102.93	£796.00
.. Spec. 1	£558.74	£380.00
.. Spec. 2	£713.24	£515.00
.. SA 9900	£580.25	£418.50
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.. SA 8500	£291.52	£210.00
.. SA 7500	£255.98	£185.00
.. SA 7300	£174.81	£126.00
.. SA 6300	£113.63	£82.00
.. SA 5300	£92.31	£66.50

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.. RT 324	£114.85	£79.95
.. RT 624	£169.25	£118.50
.. RT 724	£136.70	£95.00
.. RT 824	£214.65	£149.95
.. RT 1024	£373.75	£259.95
PIONEER TX 9500	£281.50	£203.00
.. TX 7500	£203.63	£147.00
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	R.R.P.	C/C PRICE
ROTEL RX 102 II	£120.45	£82.00
.. RX 152 II	£137.00	£95.00
.. RX 202 II	£156.75	£109.50
.. RX 402	£207.90	£145.50
.. RX 602	£273.90	£182.00
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.. RX 7707	£267.50	£165.00
.. RX 1603	£750.00	£525.00

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	R.R.P.	C/C PRICE
ROTEL RP 900	£86.70	Best Buy £55.00
.. RP 1500	£101.95	£71.50
.. RP 1500 without arm	£90.70	£63.50
.. RP 2500	£128.25	£89.50
.. RP 3000	£167.90	£117.50
.. RP 3000 with arm	£140.70	£98.50
AKAI AP 001 without cart.	£96.00	£67.25
.. AP 003 with cartridge	£137.50	£95.90
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PIONEER CTF9191	£402.18	£289.90
.. CTF8080	£340.79	£246.00
.. CTF7070	£263.10	£189.90
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.. Speakers M270	£84.24	£59.90

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.. 4000DB	£287.50	£185.00
.. GX6265D	£472.65	£329.90
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.. AA1020	£219.50	£145.90
.. AA1030	£245.00	£165.50
.. AA1050	£293.75	£275.00
PIONEER SX1250	£814.60	£588.00
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.. CSE421	£149.33	£108.00
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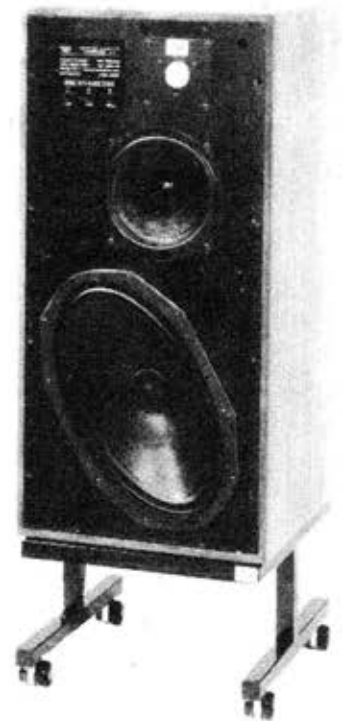
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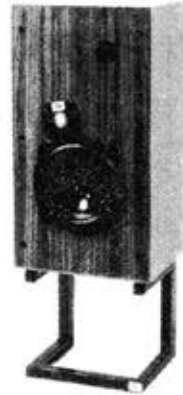
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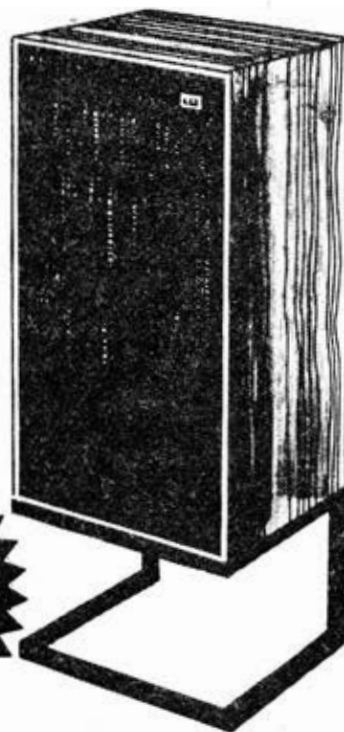


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How to find your Hi-Fi at Heathrow

From page 55

you attempt to judge the quality of speakers that are close to the floor whilst you are standing, the conclusions you reach may not prove helpful in getting the best sound for your pound.

If you're thinking of upgrading part of your system, you'll almost certainly want to ask about the compatibility of your proposed purchase with your existing system. The quality of advice you get however, will be limited by the details you can provide, and you will find it helpful to make a list of your present equipment — plus the dimensions of your room if you're changing your amplifier or speakers.

Hi-fi shows are, of course, busy places, and there's a definite limit to how much time even the most polite and well-intentioned exhibitor can devote to one potential customer — he, if not you, will be aware that there may be twenty other people waiting to ask questions. You may be discouraged to find that the two companies' speakers you particularly wanted to compare are being played through different amplifiers using different record decks and pickup cartridges, but it isn't reasonable to expect an exhibitor to re-arrange his demonstration to suit each visitor — that's one of the services hi-fi retailers are in business to provide.

Initial sorting

Rather than hoping that a hi-fi exhibition will enable you to choose your hi-fi, be it a complete system or a pair of headphones, you'll be on safer ground if you regard it as a way of sorting the wheat from the chaff. Hi-fi, in its purest sense, is concerned only with the sounds produced by equipment — considerations of whether or not you can afford it, or can even get the gear into your living room, just don't enter into the matter.

But in practice of course, most buyers are at least as concerned with price and size as with the sound quality itself. If hi-fi shows don't provide much more than a sketchy and fallible guide to quality, they can certainly give you the opportunity to compare size, facilities, appearance and price.

With so many products on the market however, it's doubtful if you'll be able to remember the information you collect, and most exhibitors have an ample supply of leaflets to illustrate their wares. True, the photographs seldom give much impression of what the products look like in a real living room, but the technical blurb should detail the features and, of course, the size. (For those who, like myself, somehow failed to go metric when the hi-fi industry did, it may be useful to know that 1 inch equals 25 millimetres, and 1 foot 305 mm.)

Battling with specs

Most literature includes a technical specification, with which you're welcome to do battle if the mood takes you. You may, however, consider it worth noting that technical specifications, even when interpreted in the light of years' experience, provide no more than the merest glimmer of guidance as to the actual sound quality of equipment. Take away the "light of experience", and I think it's fair to say that you stand as much chance of choosing the hi-fi that's best for you from specifications, as by sitting down with a bottle of scotch and sticking pins in lists of hi-fi gear!

Hi-fi shows do give you the chance to learn more about hi-fi generally, and to pick up valuable hints and tips. *Hi-Fi Weekly* is running a series of presentations on the past, present and future of hi-fi, and there are opportunities to listen to the "real thing" — live music. Listening to live music can be refreshing after hours of talking hi-fi, and certainly helps put the "state of the stereo art" into perspective. It is especially valuable too, if you're interested in surround sound. JVC will be demonstrating their latest advance in this field, QB-physics, but because this is still at the research stage, only the 48 winners of Hi-Fi Weekly tickets

will have the opportunity to test this new surround sound system. The commercially available systems will be demonstrated for all to hear by various exhibitors, and even if surround sound doesn't figure in your present hi-fi plans, I'd recommend that you lend an ear — we're going to be hearing a lot more about surround sound in the next year or so, and this is one of the few chances to find out what these systems can achieve.

Show discounts

Incidentally, it can be worth bringing some spare cash with you to the exhibition — apart from the hope that you'll be kind enough to cast a few bob my way when I pass the hat round on behalf of under-paid hi-fi hacks (I should be so lucky) [*You're right! Ed*] you'll find that some exhibitors are offering special discounts on goods actually purchased at the show. Most of these offers are on hi-fi accessories, and you could well pick up some cassettes, record cleaners, or storage units at advantageous prices.

At Hi-Fi '77 you'll be able to look, to listen, and to learn more about hi-fi — and if you feel like a break after hours of walking, talking and listening, there's always the prospect of a quiet drink in the bar. See you there!



INDEX OF MANUFACTURERS AND DISTRIBUTORS

HIGH FIDELITY

From page 46

**High Street
Houghton Regis**

Beds
Tel: Dunstable (0582) 603151
Contact: Mr B Wilbrahams

Products on show:

From AR:

AR-10pi speaker
AR-11 speaker
AR-12 speaker
AR-14 speaker
AR-16 speaker
AR-17 speaker
AR-7x speaker

From DBX:

117 noise reduction unit
119 noise reduction unit
122 noise reduction unit
124 noise reduction unit

From Teac:

A170 cassette deck
A400 cassette deck
A440 cassette deck
A650 cassette deck
A480 cassette deck
PC10 cassette deck
*AG 2700 receiver
*AG 5700 receiver
A2300 SD reel-to-reel deck
A2300 SX reel-to-reel deck
A3300 SX reel-to-reel deck
A6100 reel-to-reel deck
A2340 SX reel-to-reel deck
A3340S reel-to-reel deck
A7300 RX reel-to-reel deck
Model 2 mixer

New products:

Two new receivers are launched — the AG 2700 which has a 20W per channel output and FM/MW bands and the 50W per channel FM/MW AG 5700. Also introduced are the Teac AL 700 Elcaset machine and A860 Dolby cassette deck which features comprehensive mixing.

TDK Tape Distributors (UK) Limited

Room 1087/1072

341 Brighton Road
South Croydon
Tel: 01-688 7372
Contact: Mr D Huthwaite

Products on show:

Cassettes:

Super Avilyn C-60, C-90
Dynamic C-45, C-60, C-90, C-120, C-180
Super Dynamic C-45, C-60, C-90, C-120
Audua C-45, C-60, C-90

Reel-to-reel:

Audua L 3600m (metal reel)
Audua L 1800

Thames Valley Audio Accessories

Room 1191

31B Rose Street

Wokingham

Berks
Tel: Wokingham (0734) 790265
Contact: Mr P Fillery

Products on show:

*Speaker wall-mounting brackets
*Speaker floor stands

New products:

A completely new range of multi-directional wall mountings for speakers and a nine-inch high aluminium floor stand for speakers.

Toshiba (UK) Limited Rooms 1071/1099

Toshiba House
Great South West Road
Feltham Middlesex
Tel: 01-751 1281
Contact: Mr D Perriam

Products on show:

*SB820 amplifier
*SB620 amplifier
*SB420 amplifier
SB220 amplifier
ST910 tuner
ST220 tuner
*ST420 tuner
SA220L receiver
SA320L receiver
SA420 receiver
SA520 receiver
SA620 receiver
PC3110 cassette deck
PC4020 cassette deck
PC4030 cassette deck
PC3060 cassette deck
PC5060 cassette deck
PC6030 cassette deck
SR220 turntable
SR255 turntable
SR355 turntable
SR370/SME arm turntable
SS200 speaker
SS220 speaker
*SS320 speaker
SS415 speaker
SS470 speaker
*SS520 speaker
HR710 headphones
SM3150 musicentre
SM3100 musicentre

New products:

Three stereo amplifiers and a tuner — the 82W per channel SB 820, the 62W per channel SB 620, the 42W per channel SB 420 and the FM/MW ST 420 which has continuously variable output.

Uher Limited Rooms 1045/1046

28 Spencer Street
St Albans
Herts AL3 5EG
Tel: St Albans (56) 30236
Contact: Mr R Sims

Products on show:

From Uher:

4000 Report reel-to-reel deck
4200 Report reel-to-reel deck
4400 Report reel-to-reel deck
5000 reel-to-reel deck
SG510 reel-to-reel deck
SG520 reel-to-reel deck
SG560 reel-to-reel deck
SG630 reel-to-reel deck
1200 reel-to-reel deck
2600 reel-to-reel deck
CR210 cassette deck
CG300 cassette deck
CG320 cassette deck
*CG362 cassette deck

From Dahl Electronik:

*CEC BD2200 turntable
*CEC BD3200 turntable
*CEC BD4200 turntable
*CEC BDS200 turntable
*Visonik David 30 speaker
*Visonik David 50 speaker
*Visonik David 60 speaker
*Visonik David 80 speaker
*Visonik David 100 speaker

New products:

The Dahl Electronik products are being introduced into the UK for the first time. They include the manual, belt drive BD 2200 turntable, the semi-automatic belt drive DB 3200, the fully-automatic belt drive BD 4200 and the semi-automatic BD 5200.

The Visonik David speakers include the David 30 — a minuscule cabinet suitable for bookcase or in-car application with a 30W power handling capacity — the 50W David 50 and the David 60, 70, 80 and 100.

Vernitron Limited Room 1094

Thornhill
Southampton
Tel: Southampton (0703) 444811
Contact: Mr B Bennett

Products on show:

From Sansui:

221 receiver
331 receiver
551 receiver
5050 receiver
6060 receiver
7070 receiver
8080 receiver
9090 receiver
AU 2900 amplifier
AU 3900 amplifier
AU 4900 amplifier
AU 5900 amplifier
AU 7900 amplifier
TU 3900 tuner
TU 5900 tuner
TU 7900 tuner
TU 9900 tuner
SR 222P turntable
FR 1080P turntable
SR 525P turntable
FR 5080SP turntable
SR 929 turntable
LM 110 speaker
LM 220 speaker
LM 330 speaker
SP 4000A speaker
SP 4500A speaker

Continued page 98

Hear Them At Heathrow

Hi-Fi 77 will have this year, as it has in the past, a number of new items from manufacturers and importers to reveal to the public and retailers alike. It is at exhibitions such as these that the general public can hear more items of interest to them, all under one roof, than can generally be heard in any one place. Hi-Fi 77 will also provide the new-comer to hi-fi an opportunity of realising just how many different kinds of equipment are available to him, and many hours can be spent visiting each manufacturer's demonstration room to listen to the products they have to offer.

But have you ever wished that you could hear all, or even some, of the products which appear to offer similar specifications, all together in one room for A-B comparison demonstrations? In other words, wouldn't it be easier to judge the merits of one particular amplifier, for instance, if you could compare it to a known, accepted reference model in the same price range?

It is almost impossible to remember sound in precise detail, which is why most retailers offer comparator demonstrations if they feel, as we do, that a customer ought to be certain in his own mind that the equipment he finally purchases really suits him. We have always maintained that, after reading the paper specifications of the various items of equipment which will suit his own requirements, the customer owes it to himself to spend a lot of time actually listening to the units first. This way the customer should then be able to select the items which his ears find more acceptable and so be happy with his final choice when he gets it home.

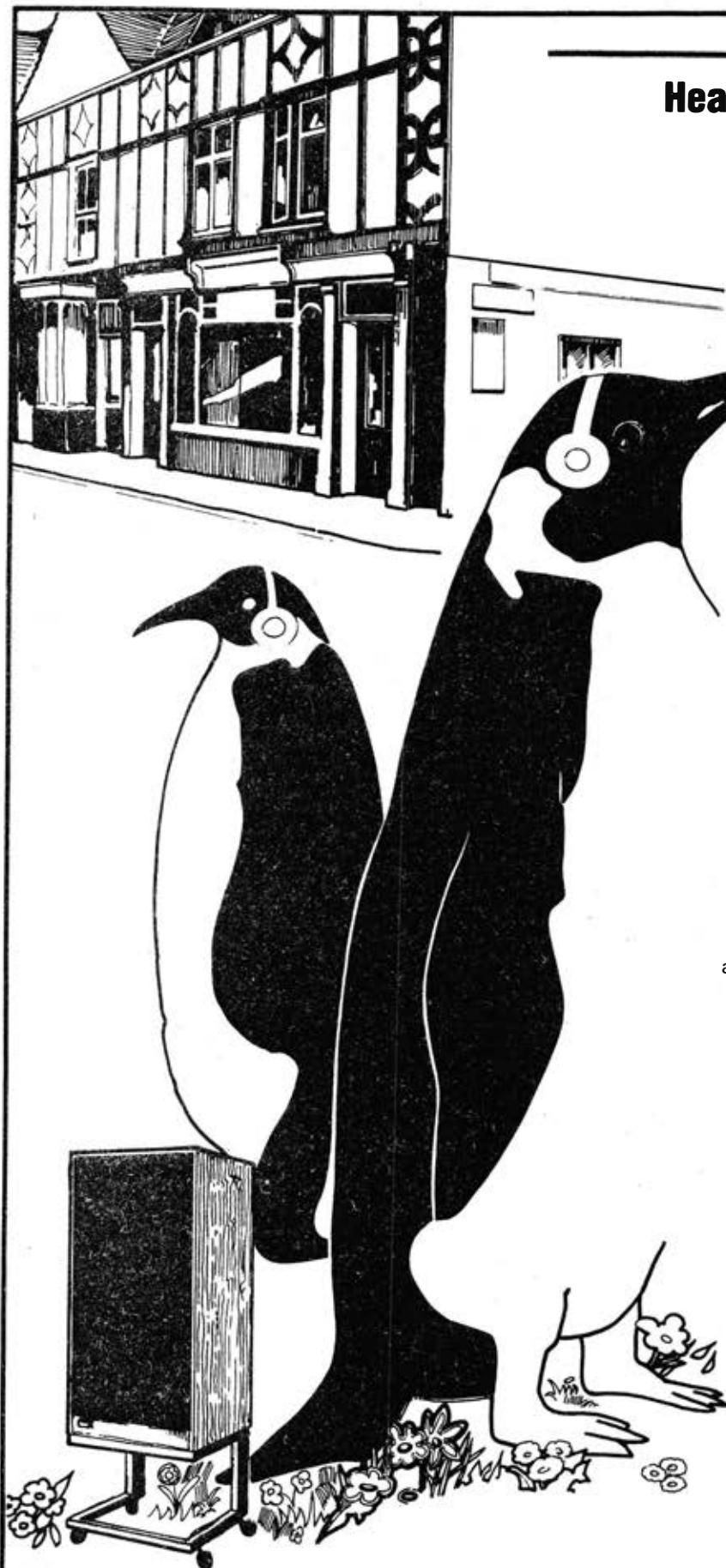
Last year, with the co-operation of a few brave manufacturers and importers we were able to offer comparator demonstrations of their new products alongside the accepted reference standards. As this was so successful we are pleased to confirm the same thing will be happening again at Eton this year.

We are extending our opening hours on Friday and Saturday 22nd & 23rd April until 11 p.m. and we shall be open on the final day, Sunday 24th, from 2 p.m. till 10 p.m. (To allow us time to recover in between, we shall not open until 12 NOON on 22nd & 23rd.)

If you've never been to Eton, you won't know that we have some of the finest restaurants in the county, alongside some of the oldest and cosiest pubs for miles around. So you can hear the best sounds at Heathrow, compare some of them at our shop in Eton, and round off the evening with a relaxing meal or drink in the pleasant surroundings which both Eton and Windsor offer.

On the right hand page you will find details of the products from some intrepid suppliers which we know we will have available, but there will be additions to this list nearer the time, so ring or write to us for up-to-the-minute information before you visit us. If you have difficulty getting to us, we will have transport available to bring you down to Eton from the airport. **RING US FOR DETAILS.**

So this year you can take advantage of all Hi-Fi 77 has to offer, as well as an opportunity to hear some of the new releases seen for the first time in the U.K. In addition, some new products from manufacturers who are not at Heathrow, such as: — SPENDOR, SMC, CELEF, LECSON, PROAC, NIPPRO,



"The Listening Post"

(formerly trading as Audio T-Bucks)

105 HIGH STREET
ETON, Nr. WINDSOR
BERKSHIRE SL4 6AF
VAT REG No. 209 2115 00

TELEPHONE
WINDSOR 54531 & 53014

Compare Them at Eton

At press time, the following new items will be available on demonstration here in Eton:—

MISSION See the whole new range here on comparator demonstration

SENNHEISER

LECSO See it at the show — come and buy it here plus the new tuner

CELEF The new SM Mini PRO and the new Monitor are here.

MITCHELL ENGINEERING The famous Hydraulic Reference Turntable.

SMC Here in person to help and advise you.

J. E. SUGDEN The whole range displaying some of the very best in British Hi-Fi.

NYTECH

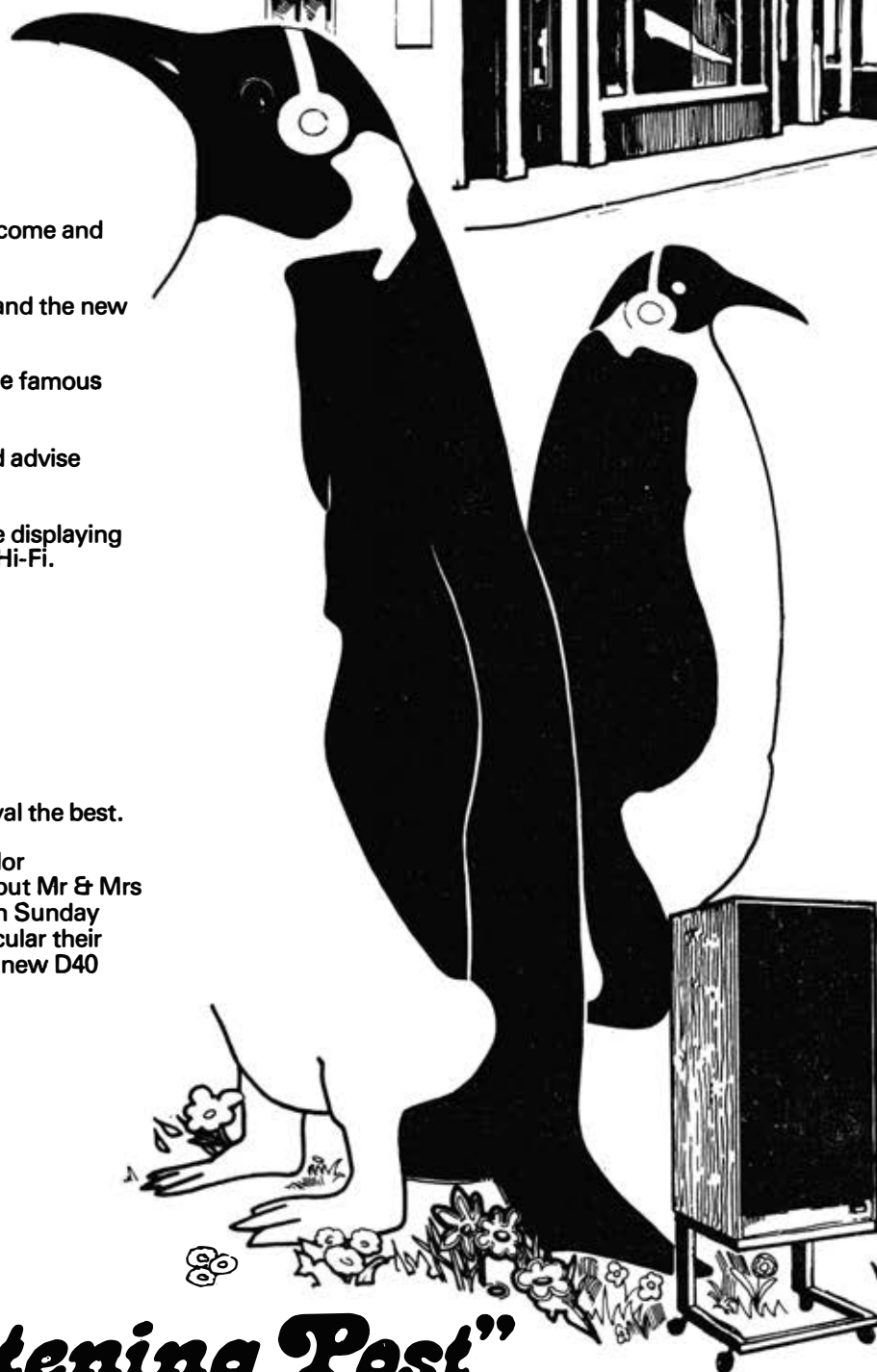
PICKERING

NIPPRO

PROAC

EMPIRE Cartridges galore to rival the best.

SPENDOR It's not often Spendor demonstrate their whole range but Mr & Mrs Hughes will be here in person on Sunday 24th doing just that and in particular their new Loudspeakers SAI and the new D40 amplifier.



"The Listening Post"

(formerly trading as Audio T-Bucks)

105 HIGH STREET
ETON, Nr. WINDSOR
BERKSHIRE SL4 6AF
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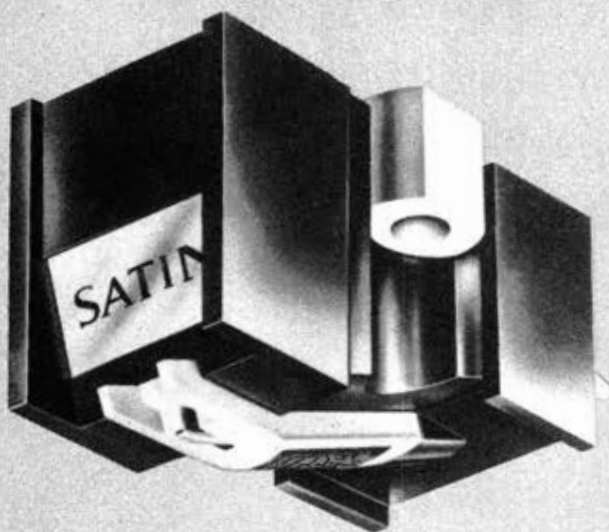
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WINDSOR 54531 & 53014

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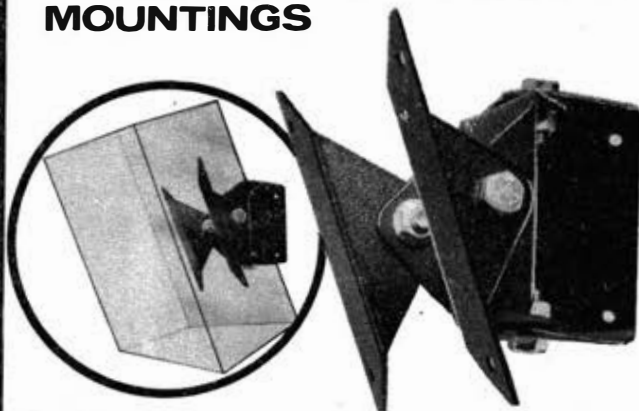
Satin

Moving Coil Cartridge

Ask your dealer for a demonstration or send for full details to sole UK distributors:
 Howland-West Ltd., 3-5 Eden Grove,
 London N7 8EQ. Tel: 01-609 0293/4/5.

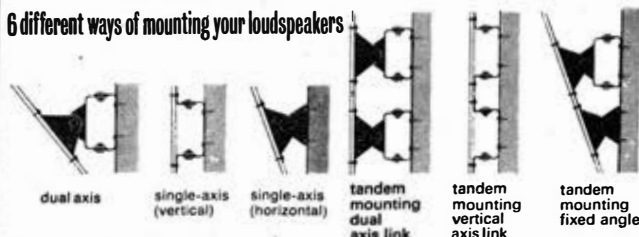
SEE US IN ROOM 1037

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6 different ways of mounting your loudspeakers



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AN ATTRACTIVELY FINISHED "SPUN" ALUMINIUM SPEAKER STAND TO ENHANCE THE APPEARANCE OF THE FLOOR STANDING SPEAKER. THE OVERALL HEIGHT OF 9½" IS SUFFICIENT TO AVOID THE NORMAL ACOUSTIC OBSTRUCTIONS, THUS IMPROVING SOUND RECEPTION. THE SPEAKER IS HELD IN POSITION AND INSULATED FROM THE STAND BY ADHESIVE FELT PADS, POSITIONED IN EACH CORNER OF THE SUPPORT PLATE. AVAILABLE FROM YOUR HI FI STOCKIST. PRICE PER PAIR £18.00 (EXCL. V.A.T.)

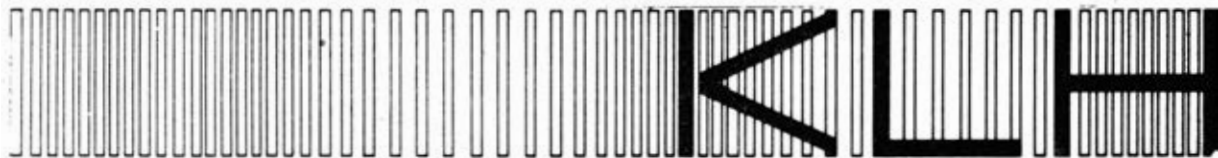


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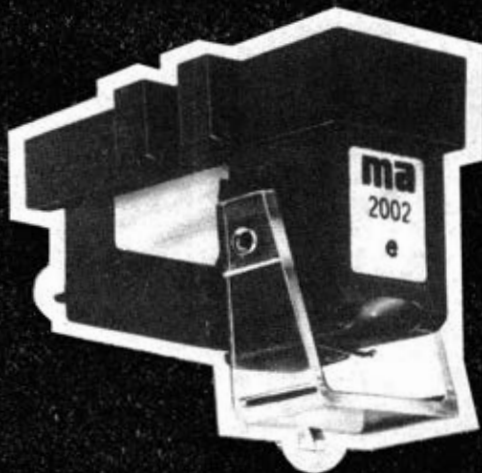
Small wonder, that KLH should remain the choice of the music lover and the professional alike. Be it the bookshelf KLH 331 or the overwhelming KLH SCX3, you are assured of the most accurate musical reproduction.

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including all connecting leads

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including all connecting leads

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Rotel RT 624.....	£116.00	Yamaha CT 800....	P.O.A.
		Yamaha CT 7000...	P.O.A.

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SONY			
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KIM DURDANT-HOLLAMBY OF CUSTOM CAR says: "I'm having to shout because I am just trying out the new Binatone Stereo Expander from Parkar. Man, this is loud!..... This new gadget is phenomenal."

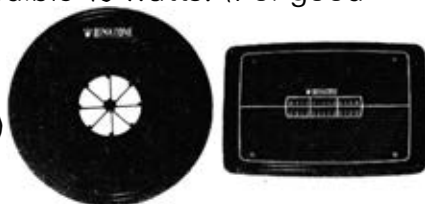
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APRIL 22-23-24

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The design of a new bass reflex cabinet incorporating a tuned port enables the PM100 to reproduce natural sound down to 50 Hz and below.

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Loudspeakers

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Address _____

HFP/AP77

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McOonomy...'**

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- HULL Status City, Clough Rd, Hull. Tel: 0482 442134
- LEICESTER Rutland Centre, Yeoman St, Leicester. Tel: 0533 536741
- MANCHESTER Marlborough Mill, Poplar St, Failsworth.
Tel: 061-682 6016

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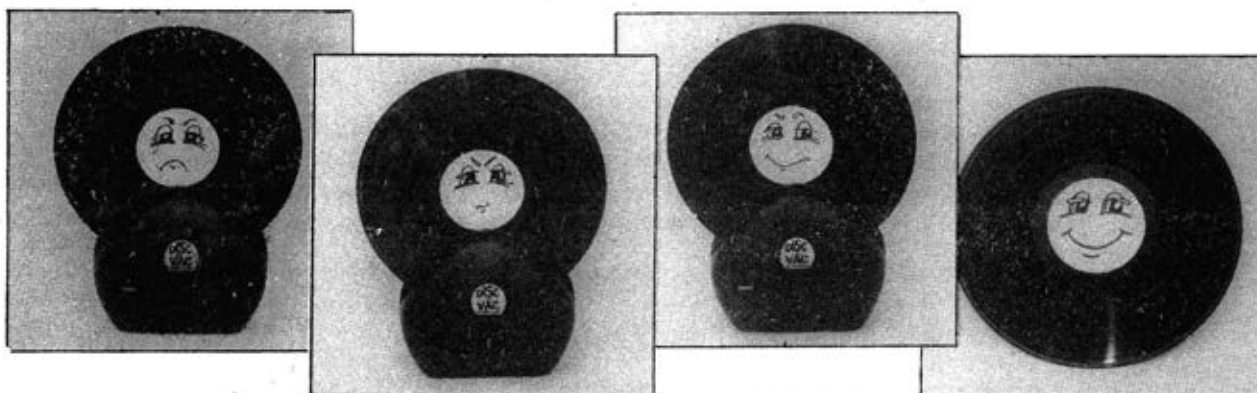
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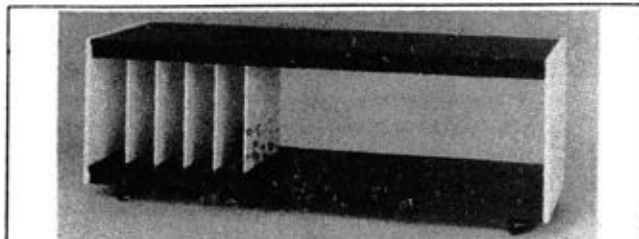
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The new British made record cleaner designed especially for those who care for their records. Suitable for both 33 $\frac{1}{3}$ and 45 rpm discs. Available now at a recommended retail price of only £17.65 excluding VAT.



The unit works on a vacuum principle, sucking air in through the top vent and blowing out all the dust through the rear vent. As the record revolves, velvet pads clean the grooves and at the same time, carbon fibre bristles remove the majority of static.

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Sound enthusiasts will love its attractive features. For example, the famous Dolby noise reduction system.

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As the argument over Open Reel v. Cassette continues, Uher now offer a choice of high performance, professional standard, recorders for the home user; one to satisfy each side.

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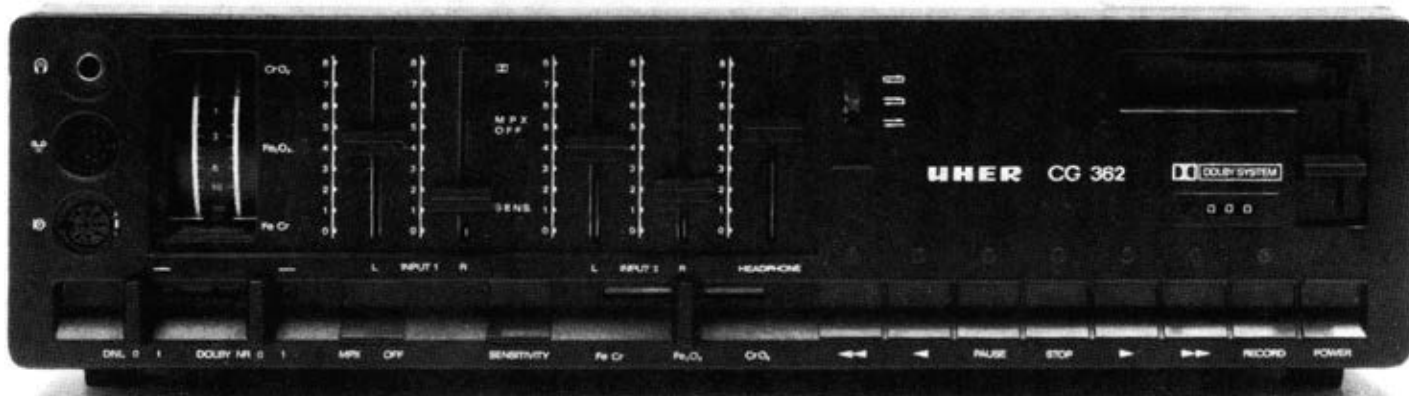
BOTH machines have an optional remote

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BOTH machines are manufactured to the highest standards of West German engineering.

BOTH machines are built by UHER – the pace-setters in modern day tape recorder technology.

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A worthy addition to any fine hi-fi installation, this compact, easy to use, cassette deck has all operating controls, including the unusual tape insert slot on the front panel allowing the deck to be "stacked" if required. Easy access microphone, headphone and dubbing sockets are located on the front panel, whilst an unrivalled range of connections for static use are located at the rear.

OTHER FEATURES OF CG362:

Full logic tape transport mechanism, 3 motor drive system. Programmable replay: one side, auto reverse and continuous play.

Frequency response – 20-18,000 Hz (FeCr and CrO₂) with Dolby.

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Signal to noise – better than 68dB (FeCr) with Dolby only. Manual switching for Dolby, DNL and MPX filter. Manual switching for CrO₂, Fe₂O₃ and FeCr tapes. DIN and PHONO inputs and outputs for all applications. Mixing facilities for two stereo input sources. Head access via slide panel on top of unit. Sensitivity switch for mic. and tuner inputs 16dB. Weight only 16½ lbs.

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The **E A R C** Electronic Antistatic Record Cleaner

is the most up-to-date protection your records can have.

In a single sweep over your record, the EARC effectively neutralises any static charge and gently removes the loosened dust – all at the same time.

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The EARC cleaner uses high reliability, completely safe, piezo-electric techniques for antistatic protection and long life. Batteries are not needed, it's designed for long service and backed with a 3 year guarantee.



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*With apologies to Mr. B.

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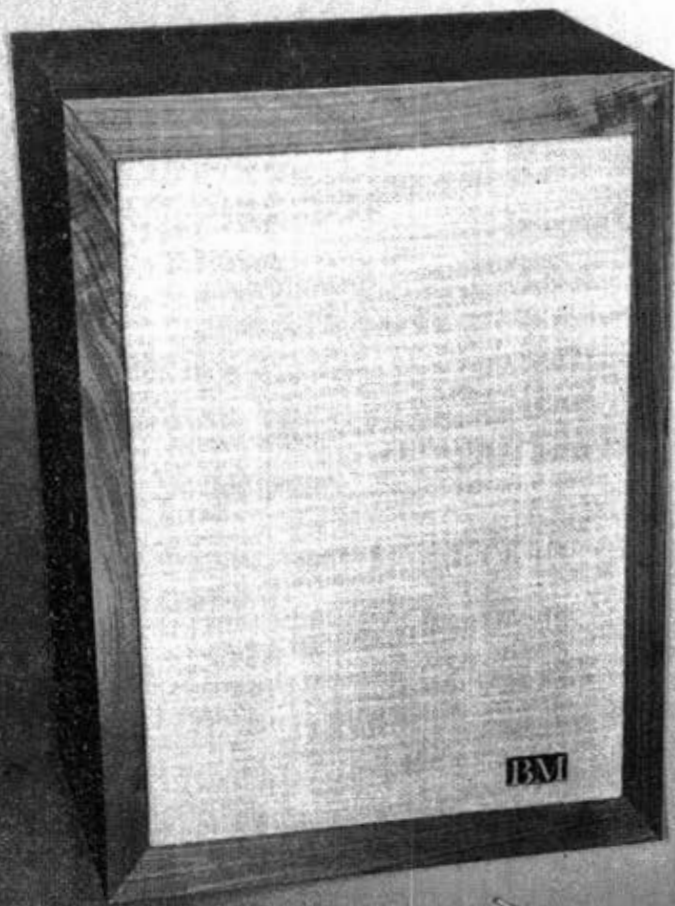
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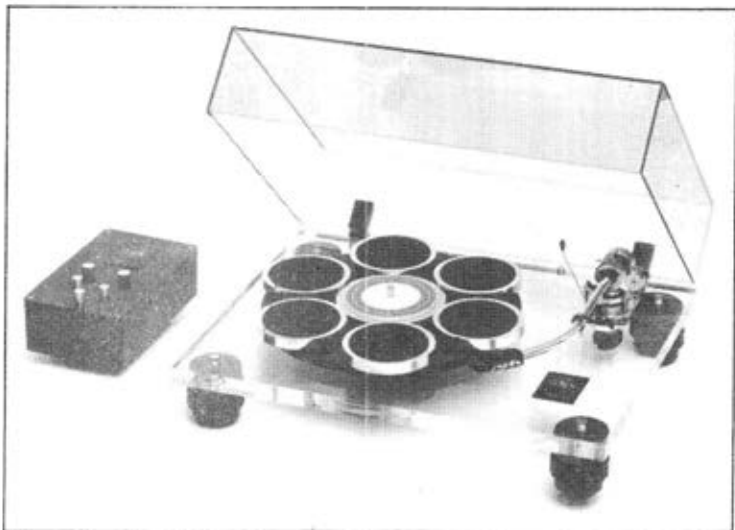
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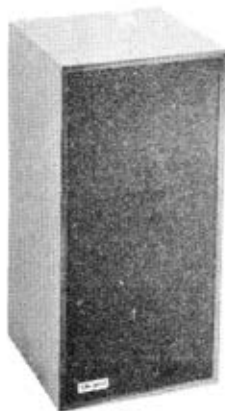
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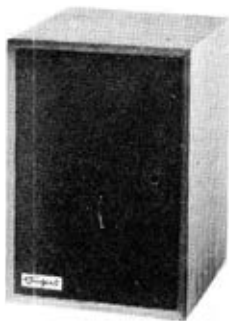
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Mr. R. E. King

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Tangent



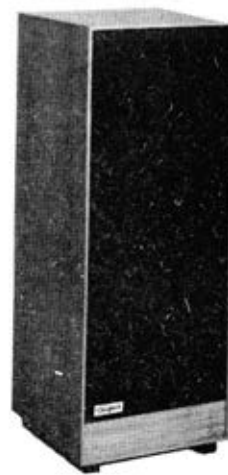
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To underline what we have said, we reproduce here some comments from a specialist publication which expresses their reaction.

'As I listened more extensively to music and speech, I became convinced of the speaker's extremely fine musical balance.' - 'It is a loudspeaker of the finest quality: an obvious love of music, and a deep understanding of the problems which the loudspeaker can bring to its reproduction, have gone into this design. Sound reproduction like this will be much appreciated by every musical listener.' (Reproduced by kind permission of Gramophone)

Exclusive dealers have been appointed for the Lentek Monitor speaker.

For further information, please contact

Lentek Audio Ltd., Edison Road,
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Record care

One way of removing bothersome dust from hi-fi records is to clamp the disc firmly in a vice and run over the surface with a power sander. An annoying side effect of this method is that the record grooves have a tendency to disappear and the hole in the middle of the record may well be enlarged to a diameter greater than the disc.

A better procedure is to prevent the dust getting on to the disc in the first place. Dust is attracted by static. The Zerostat anti-static pistol neutralises static, without contact, in seconds.

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Yes, the Zerostat pistol costs only £6.99 (including VAT)



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GXC 39D Cassette Deck	AA 1020 Receiver	4000 DS Mk. II Tape Deck	AP 001 Turntable	SA 1000 Speakers
£124.95	£134.95	£134.90	£64.95	£139.95

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AA-1030	£159.90	GX-265D	P.O.A.
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AT-2200	£77.70	AP-006	£119.95
AT-2400	£123.90	SPEAKERS	
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CS-34D	£84.95	SA-1000	£139.95
CS-705D	£129.90	SA-1200	P.O.A.
GXC-39D	£124.95	HEADPHONES	
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Please send me literature on the Revox range of Hi-Fi products.

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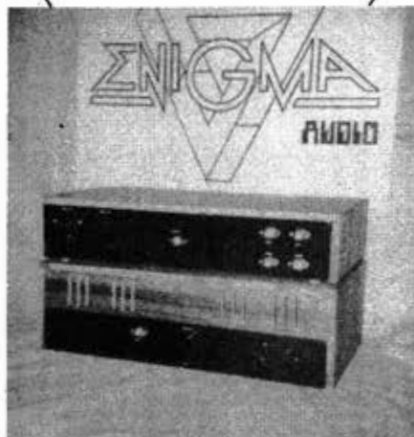
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AMPLIFIER (60 WATTS PER
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VARIATION 3
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power amplifier (100 WATTS PER CHANNEL)

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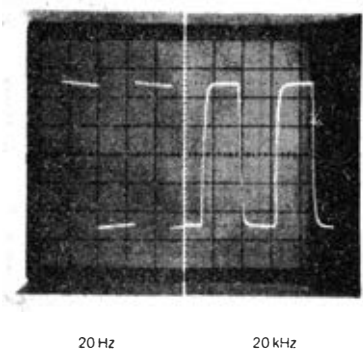


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HEAR US
ROOM
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ENIGMA AUDIO, 136A PORTLAND ROAD, HOVE, SUSSEX — TEL: BRIGHTON 723979

Our receiver matches the square waves of fine amplifiers.

HARMAN KARDON 430



The new Harman Kardon 430 receiver displays square wave response that is indistinguishable from the finest power amplifiers. A listening test will reveal that the 430, in all but absolute power levels, is the sonic equivalent of any individual component system your dealer can demonstrate.

The implication of a comparison with conventional receivers is obvious.

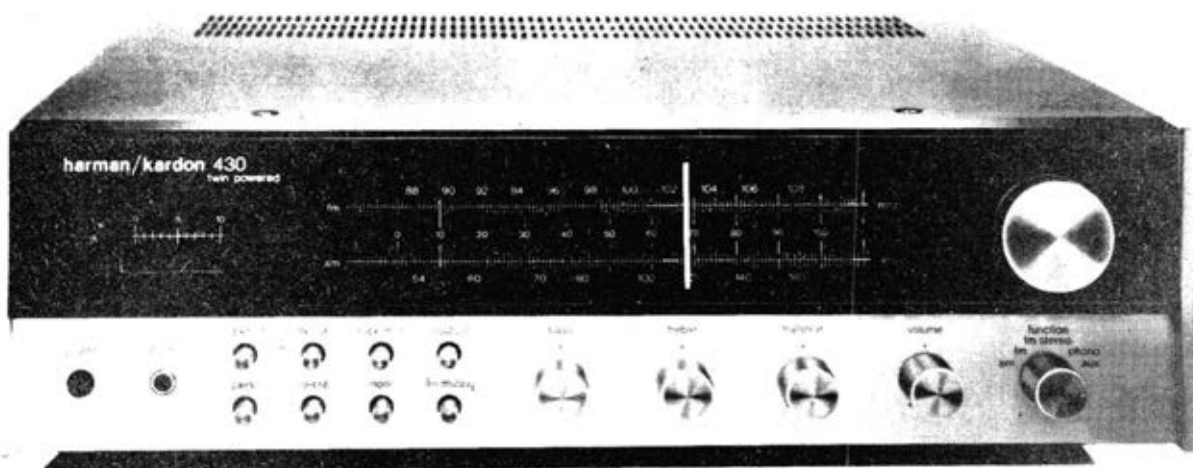
The square wave reproduced here is not that of the 430 power amplifier section alone. Amazingly, it is the square wave achieved by the 430 amplifier and preamplifier operating together!

The 430 AM/FM tuner is consistent with the outstanding performance quality of the amplifier and preamplifier. It is sensitive, receiving even distant stations with ease and without distortion. The tuner is also characterised by excellent selectivity and signal-to-noise ratio.

The 430 functions with two separate power supplies,

one for each channel—the Harman Kardon "twin-power" concept. No matter how much energy is called for by dynamic music passages, performance of one channel is not affected by the other.

At Harman Kardon, technical advances are pursued not for their own sake, but as methods of predicting and improving music quality. It is in this context that we have prepared our literature on the 430 as well as our booklet: Square Wave Analysis of Audio Amplifier Performance. Write to us for copies at Tannoy Products Ltd., St. John's Road, Tylers Green, High Wycombe, Bucks. HP10 8HR.



harman/kardon

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Gordon J. KING

286 pages

1975

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AUDIO ON WHEELS

Vivian CAPEL

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1975

£6.00

BEGINNER'S GUIDE TO AUDIO

I. R. SINCLAIR

192 pages

1977

£2.75

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HI-FI LOUDSPEAKERS AND ENCLOSURES—2nd Edition

A. D. COHEN

438 pages

1975

£7.50

MASTER CREATIVE TAPE RECORDING

John GARDNER

144 pages

1977

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128 pages

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John GARDNER

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1977

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1977

£7.80 approx

QUESTIONS AND ANSWERS ON HI-FI

Clement BROWN

104 pages

1974

£1.15

RADIO AND AUDIO SERVICING HANDBOOK—2nd Edition

Gordon J. KING

284 pages

1970

£4.80

RADIO, TV & AUDIO TECHNICAL REFERENCE BOOK

S. W. AMOS

1172 pages

1977

£24.00 approx

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From your Local Bookseller or from

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And now, a message for anyone trading in his unit audio.

Enough of austerity.

Throw caution to the winds, and examine the Micro Seiki DDX-1000.

It's called a turntable for want of a better word.

It has direct drive, of course.

The power supply and featherlight touch controls are integrated in a separate unit. Hum is conspicuous by its absence.

The neon strobe lamp is driven by an internal 45 Hz oscillator (hence its total lack of regard for mains frequencies).

Speeds are infinitely adjustable $\pm 6\%$ - a full octave. Wow and flutter are less than 0.025%, the signal/noise ratio more than 63 dB.

Uniquely, the DDX-1000 is equipped for operation with up to three pickup arms simultaneously. This, and the turntable's own neutrality, makes it the ideal cartridge comparator.

The mount supplied accepts, among others, the superb dynamic balance Micro Seiki MA-505 pickup arm. A special SME arm mount is also available.

The DDX-1000 will set you back about £360, without pickup arm. If that sounds a little too much for your pocket, you'll be pleased to know that Micro Seiki turntables start at around £70.

For further information, contact Tannoy Products Limited at St. John's Road, Tylers Green, High Wycombe, Bucks. HP10 8HR. Telephone: Penn (049 481) 5221.

To sell the unit audio, try your local paper.



MICRO SEIKI DDX-1000
TURNTABLE SYSTEM

The Revolutionary
SAE 5000
 IMPULSE NOISE REDUCTION SYSTEM



Ever since the invention of the recorded disc annoying "clicks" and "pops" caused by scratches, static and imperfections have consistently disturbed the listening pleasure of music lovers.

Now, SAE introduces the unique model 5000, an impulse Noise Reduction System which eliminates virtually all those unwanted sounds with no adverse effect on the quality of the recorded material.

This breakthrough in electronic circuitry is so demonstrably effective that the SAE 5000 is destined to become an essential part of any sound system.

The SAE 5000 is compact and sleek, built to SAE's exacting standards, and ready to enhance the performance of any system, from the standard receiver/turntable combination, to the most sophisticated audiophile components.

The unique 5000 by SAE — manufacturers of the world's finest hi-fi equipment.

COME TO ROOM 1070 FOR A DEMONSTRATION. THE SAE 500 HAS TO BE HEARD TO BE BELIEVED!

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ortofon 



1918 Two engineers, Axel Petersen and Arnold Poulsen, form their own company – Fonofilm Industri A/S.

1945 Having presented the world's first sound film in 1923, Petersen and Poulsen further astonish the world with their new system for cutting masters – the 'moulds' from which records are made. The quality of reproduction is so good that they have to design a pickup themselves to make the most of it. The moving coil cartridge is born.

1951 Fonofilm Industri A/S becomes Ortofon A/S (from the Greek Orthos, meaning pure or perfect, and Phone, meaning sound or voice).

1962 The MC principle is used in Ortofon's first stereo pickup, which immediately establishes another new standard in sound reproduction.

1974 History repeats itself. In the same year, Ortofon invent a new cutting head for CD-4 records, and introduce the first genuine 4-channel pickup – the SL 15Q.

1976 A new generation of Ortofon moving coil cartridges is announced – the 20 series.

1977 Ortofon MC 20 wins the Japan Audio Association Grand Prix for overseas products.

Before you buy a moving coil cartridge, look at our track record.

When it comes to moving coil pickups, no one is more experienced than Ortofon.

Because we invented them.

And as you can see, we haven't exactly stood still since then.

Writing in Gramophone, September 1976, John Wright said of the SL15E Mk II: "I shall continue to use it until something better comes along."

We're pleased to tell Mr. Wright, and you, that something better has come along.

The SL20E.

Not forgetting the still more esoteric MC20, with its unique 'fine-line' stylus for optimum tracing and minimum record wear.

And the ultimate 4-channel cartridge, the SL20Q.

Even that's not all.

To go with these cartridges, there's an equally advanced pre-preamplifier – the Ortofon MCA-76.

It holds distortion and noise to a new low.

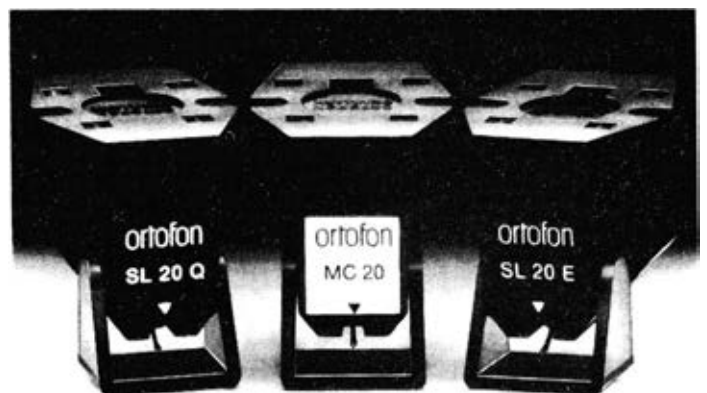
Unfortunately, the same cannot be said for the price.

However, you can pay a lot more than we ask for a moving coil cartridge, and end up with a great deal less.

Because the history of moving coil pickups is the history of Ortofon.

ortofon
accuracy in sound

Tannoy Products Limited,
St. John's Road, Tylers Green,
High Wycombe, Bucks HP10 8HR.



From page 67

SP 5000A speaker
 QRX 777 4-channel receiver
 QRX 9001 4-channel receiver
 *BA 2000 power amplifier
 *CA 2000 pre-amplifier
 *AU 11000A amplifier
 SC 2000 cassette deck
 SC 2002 cassette deck
 SC 3000 cassette deck
 SC 3003 cassette deck
 SS10 headphones
 SH5 headphones
 SH15 headphones

New products:

Three new amplifiers from Sansui — the 110W per channel BA 2000 power amplifier, the 120W per channel AU 11000A integrated amplifier and a control pre-amplifier called the CA 2000. Other products being launched at the show are domestic speakers and a range of four-channel equipment including a quadraphonic "universal" receiver.

Webland International Limited

Rooms 1005/1007

Mirabel House
 117/121 Wandsworth Bridge Road
 London SW6 2NA
 Tel: 01-736 0987
 Contact: Mr A Zoltowski

Products on show:

* 354 speaker
 331 speaker
 * 300 speaker
 317 speaker
 363 speaker
 CB8 speaker
 SCX3 speaker
 Model 9 speaker

From BGW:

* 50 cartridge pre-amplifier
 * 100 power amplifier

202 pre-amplifier
 250B power amplifier
 500D power amplifier
 750A power amplifier
 1000 power amplifier

From Sankyo:

* STD1610 cassette deck
 * STD1410 cassette deck
 * ST60 cassette recorder
 * ST40 cassette recorder
 * STR500SS cassette/radio
 * STR300 cassette/radio
 * STR250E cassette/radio

From Micro-Acoustics:

QDC1e cartridge
 * 282e cartridge
 2002e cartridge
 TT2002e demonstration test record

New products:

Following their acquisition of the Sankyo agency, Webland release a completely new range of cassette products.

The Micro-Acoustics 282e cartridge uses an electret transducer with an internal micro-circuit designed to overcome electrical matching problems.

BGW are showing the BGW 50 moving-coil pre-amplifier and a new power amplifier — the 30W per channel BGW 100.

Wilmex Limited Rooms 1137/1139

Compton House
 35 High Street
 New Malden, Surrey
 Tel: 01-949 2545
 Contact: Mr P Merrick

Products on show:

Fidelix LN1 head pre-amplifier
 Disk 22: anti-vibration turntable mat

From Stax:

SR44 headphones
 SR5 headphones

SRX3 headphones
 UA7M pickup arm
 *CPY cartridge

From Stanton:

The full range of cartridges

From Fidelity Research:

FR1 Mk 2 cartridge
 FRT3 transformer
 FR54 pickup arm
 *FR1 Mk 3 cartridge
 *FRT4 transformer

From A&E Research:

DC pre-amplifier
 Audio Lab and Three Blind Mice records — limited Edition

New products:

Fidelix: battery-operated head pre-amplifier for moving coil cartridges. Disk 22: special turntable mat to eliminate ripple vibrations. A & E Research: DC pre-amplifier and 60W per channel power amplifier. Audio Lab and Three Blind Mice: high-quality records from Japanese labels specialising respectively in classical/light pop and jazz.

Zerostat Instruments Limited

Rooms 1025/1027/
 1029/Main Foyer

9 Station Road
 St Ives
 Huntingdon
 Tel: St Ives (0480) 62225
 Contact: Mr L Scofield

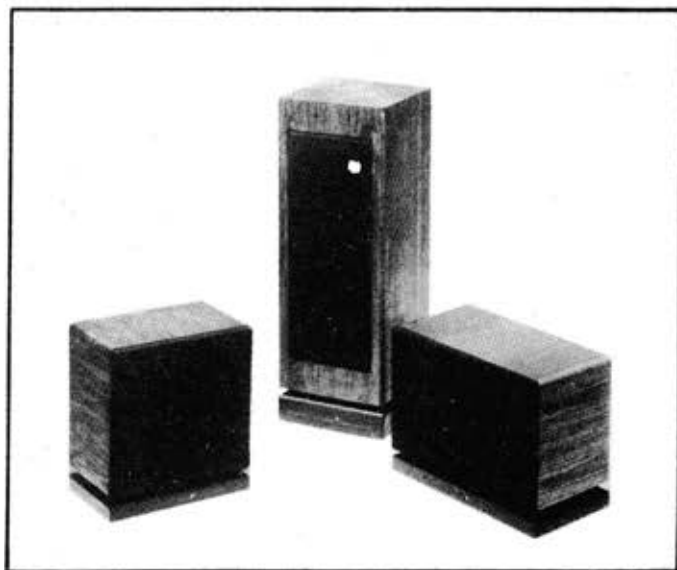
Products on show:

Zerostat pistol — anti-static device.

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Room 1061 Hi-Fi 77 at Heathrow

An independent survey of British recording studios speaks volumes for us.

TANNOY

58.2%

JBL 16.5%

ALTEC 5.6%

SPENDOR 2.7%

CADAC 2.1%

KEF 1.8%

B&W 1.6%

OLYMPIC 1.3%

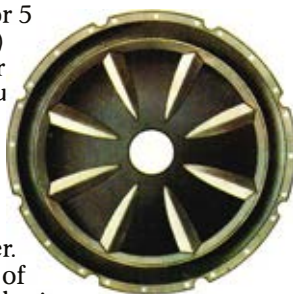
KLEIN & HUMMEL 0.9%

ALL OTHERS 8.8%

"MUSIC WEEK"
STUDIO SCENE DIRECTORY 1976.

Among the people who move in those exalted circles, the popularity of Tannoy speakers for studio monitoring is well known. Nevertheless, we have to admit that *Music Week's* Survey astounded even us. A massive 58% of the 116 recording studios who replied to their questionnaire used Tannoy speakers for monitoring.

Devon, 96 dB for 5 watts at 1 metre) with high power handling. So you can play your favourite music at genuinely realistic levels, even with a modest amplifier.



The secret of the Tannoy speaker's high power handling is the unique Gird-acoustic cone (shown above).

The radial struts are carefully placed to stiffen the cone without significantly adding to its weight, enabling it to make larger excursions without break-up. Which, if you know the volume levels they use in studio monitoring, is just as well.

But you may well ask, do the speakers in my local Tannoy dealer's demo room bear any resemblance to the ones in the Air Studio's control room?

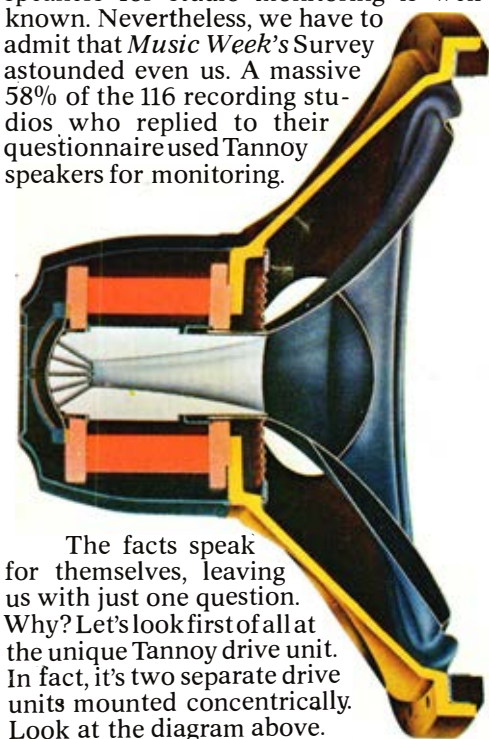
The answer is: yes. A Tannoy speaker unit on the production line could just as easily land up in the Canadian Broadcasting Company's headquarters as in your lounge.

Although we must be honest.

Of the 58% of recording studios who monitor with Tannoy's, about a third have them in professional cabinets.

TANNOY

Tannoy Products Ltd., St. John's Road, Tylers Green, High Wycombe, Bucks HP10 8HR



The facts speak for themselves, leaving us with just one question. Why? Let's look first of all at the unique Tannoy drive unit. In fact, it's two separate drive units mounted concentrically. Look at the diagram above.

In the centre is a high frequency compression horn; around it is a direct radiator bass unit - 10", 12" or 15" in diameter depending on the model you choose.

The high frequency unit drives via a phase compensating throat. Thanks to the concentric design, the polar distribution of Tannoy loudspeakers remains constant, no matter where you sit in relation to them. It's also quite independent of the way in which you mount the speakers - upright or on their sides.

Unusually, even our bookshelf speakers combine very high sensitivity (in the



Suddenly, other 2-head cassette decks look like toys.



Take a look at the new Nakamichi DT600 above.

Such an astonishing cassette recorder, that it makes the competition look like no competition at all.

For a start, compare its dynamic range.

With the 600, you can record up to +7dB without distortion. This is unprecedented by any other cassette deck, because no other model has the Intermodulation Distortion Suppressor that makes it possible.

Secondly, take the frequency response.

Other cassette deck makers may be proud of reaching 15,000Hz. Guaranteed minimum specification of the 600 is 40-18,000Hz \pm 3dB. As for wow-and-flutter, at 0.08%, you can virtually forget it.

It doesn't stop there. Here is a combination of other features you won't find on any other 2-head deck.

Nakamichi's exclusive focused-gap crystal permalloy head.

Built-in test tone and record level calibration controls.

User adjustable bias.

Peak reading meters from -40 to +7dB.

A memory tape counter.

Master recording level control.

Even a system for unattended recording or playback.

We could go on.

Only Nakamichi could have made the DT600.

For the first time, 3-head performance in a 2-head machine.

ERRATA:

We regret that Linn Products and Naim Audio are not demonstrating their equipment as shown in the Catalogue. Their equipment is now being demonstrated in Room 1218 on the 1st floor of the Heathrow Hotel.

We apologise for any inconvenience caused by these changes.

Don Quillen Trevor Horne
Exhibition Organisers