


## NEW! LAFAYETTE SUPER BUY AC/DC TABLE RADIO COMPARE THESE FEATURES



## ADMIRAL AUTOMATIC CLOCK-RADIO

- Lulls You to Sleep at Night - Wakes You to Music
- 5 Miniature Tubes - Newly Designed Electric Clock



##  NOW HAVE HI-FI Wherever You Go!



Full FM and AM Broadcast Bands

- 2 Antennas
- 2 Antenna Extension Jacks - 3 Outputs-Speaker, Earphone and Tuner - Operates on 4 Inexpensive Flashlight Batteries - 9-Transistor Superheterodyne Circuit


Now you can have all the advantages of a portable radio with all the power of a console ... at a price lower than you expect. A wonderful combinatian of advanced technique and design in an extremely efficient 9 -transistar AM and FM portable radio. Features a tuner output that canverts this portable to a transistorized AM/FM tunerreal hi-fi. Other highlights include speaker output, earphone output for private listening, separate AM and FM antenna extension lacks, built.in AM antenno, and 7 section telescopic FM antenno. Convenient corrying hande; an/off switch on valume control; vernier funing knob. 2-pasition band selector-FM band 86.5.108 MC, AM band 535-1605 K. Econamical to operat-only 4 of the most popular priced "C" type flashlight batteries (included). Overall $10^{\prime \prime} \times 24 / 4 \times 60 / 4$ " high.
FS-92 $\quad .00$ down


## SENSATIONAL BOZAK B-801 Full- Range



Bands and a clearly marked slide dial makes tuning simple The built-in speaker can be shut-off by inserting an external earphone (supplied) for personal listening. Operates on 2 ordinary $z$ cells giving op to 3 limes longer life than 9 velt batteries. Comes complete with 9 section oly $57 \times 3 y^{\prime \prime}$. Fs. 223 (2xik' Shpe. W., 2 libs Replacement batteries for FS-223 7 Transistor radio. BA. 155

## LAFAYETTE 7 TRANSISTOR 2-BAND MARINE \& BROADCAST

- Covers AM Broadcast Plus 1.6-4.8 MC. Marine Band - Sensitive Receiver Uses 7 Transistors, 2.Diodes, And 1. Thermistor - 2 Built-In Antennas, Including 9 Section Telescoping Antenna for Marine Band - Operates on 2 Inexpensive Penlight Batteries - Complete With Carrying Case, Batteries, and External Earphone - A Must For Marine Enthusiasts - Compact and Light.Weight

With this new sensitive transistorized radio, Lafayette answers the needs of the marine enthusiast. Designed to be used by Fs.223 is a sowill as well as the serious yachtsman; the eiver it powenacked, 7 tromsistor, superheterodyme reand the Marine Band (1.6.4.8 MC) AM broadcast band used for the Band (1.6-4.8 MC). A bultin amenna is antenna for the marine band the telescopin telenna is readily detachable and may be carried in the same manner as a pocket pen. The receiver circuitry utilizes 7 transistors 2. diodes and 1. thermistor for power packed performans, .

## 2950



- Section frimater





# tif onumic bilumice i STEREO! <br> Guaranteed Best Stereo System Buy 

## A NEW COMPLETE STEREO SYSTEM BASED

## on the SUPERB LA-250A

breathtaking performance at a price only LAFAYETTE can offer.

garrard rc210


MATCHED COMPONENTS
LAFAYETTE LA-250A 50-WATT STEREO AMPLIFIER
99.50

GARRARD RC210 4.SPEED RECORD CHANGER
44.50

PICKERING 380C DIAMOND STEREO CARTRIDGE 44.50 LaFAYEITE WOOD CHANGER BASE 2 LAFAYETTE SK-58 FAMOUS FREE EDGE 12"


Add a new dimension of music with all the excitement and realism of a live concert. The new Lafayette LA-250A 50 -watt stereo amplifier forms the heart of this outstanding stereo hi-fi music system - the features, versatility and advanced circuitry of this unit are second to none. A unique blend control allows continuously variable channel separation from full monaural to full stereo. Also inctued is the fatrous Garrard RC 210 intermix 4 -speed automatic record changer with manual or
autamatic operation. supplied with your choice of stereo cartridges-the new Pickering 380 C (.7 Mil) diamond stereo cartridge or the Shure M7D (.7 Mill) diamond stereo cartridge. The Lafayette wood base, cut for the RC 210, is supplied in your choice of finishes.
These outstanding components are coupled with the 2 famous free-edge Lafayette SK-58 $12^{\prime \prime}$ coria speakers with built-in cross-over network and brilliance level control. System supplied with plugs, cables and easy-to-follow instructions. Shpg. wt., 67 lbs. HIFI STEREO PHONO SYSTEM with choice of Pickering 380 C or Shure M7D cartridge and mahogany, walrut or blonde changer base (please specity).

HS. 103WX
5.00 Down

Net 194.50
Same as HS-103WX, plus 2 Lafayette Eliptoflex Series Bookshelf Enclosures finished on 4 sides (specify finish). Shpg. wt., 143 lbs . 10.00 Down
HS-104WX
 Same as HS-103WX except speakers furnished are the
Shpg. Wt. 67 lbs .
HS-105WX
 Same as HS-
wt., 143 lbs. HS. 105 WX . 10.00 Down 10.00 Down
HS. 106 WX
STERO AM-FM PHONO SYSTEM. Same as HS-103WX plus Lafayette LT-50 FM-AM stereo tuner. Shpg. $\mathrm{Wt}$. , 85 lbs.
$\mathrm{HS}-107 \mathrm{Wx}$
10.00 Down

Net 309.50



It's a 30 -watt Stereo Amplifier, Stereo Pre
amp, and Stereo FM.AM Tuner amp, and Stereo FM -AM Tuner - the most
compact oll-in-one stereo component ovailable. the omplifier section delivers a power outpu
of 30 watts totol 15 watts per of 30 watts total ( 15 watts per channel). Fre
quency response is $20-20,000$ cps. $\pm 1 \mathrm{db}$. Hum quency response is $20-20,000 \mathrm{cps}$. 1 db . Hum
ond noiss is completely inader
low full output. The funer section furnishes low full output. The Tuner section furnishes
seporote sensitive $F M$ and $A M$ sections for
monaural reception monaural reception of the new FM-AM stereo
casts. Provision has been made for the connec
tion casts. Provision has been made for the connec
tion of a multiplex adapter for stereo FM. FM
sensitivity sensitivity is 2 microvalts for 20 db. of quiet
ing.
The 602 also features the Pilot Stereo ing. The 602 also features the Pilot Stereo
Plus center channel output which provides for three speaker stereo without requiring on od
ditional amplifier. A handsome addition to ony ditional amplifier. A handsome addition to any
room - place the 602 on a shelf or toble top room-place the $\delta 02$ on a shelf or toble yop
or install in your custom cabinet or wall unit. Complere with metol enclosure. Shpg. wt. 25
lbs. G-387wX



NEW! S-3000III FM/MX STEREO TUNER

## AMAZING VALUES!

Truly atriumph of engineering skill

- 14 fube performance-10 tubes (z.oual purpose) + rettifier + diode -2-fUNIMG hetess - anmstrong circuit with dual tumed limiters and fosterseeley disfrimimator - fm afe amo afc defeat - exineme selsitivity amo mide Requency responise - tuned grouided gaid r.f. stage on am 8 FM - mutiblex Qutput - FVY wheet fummg - am feafures broadgand fumed I.f. stage - 2-3 GAMG CONDENSERS - IMDIVIDUAL VOLUME-BALIMCE COMTROLS FOR AM \& FM


1 GUARANTEED FOR ONE FULL YEAR

itis Sumpliticity, flewibilify and superb styling hove been corefully integroted in









 Invut: 300 ohms Suoerbly stied low, silhouene enclowne finished in gold ond while with ory



- armstrong circuit foster-seeley discriminator and dUAL TUNED LIMITERS
- EXTREMELY SENSITIVE-1.5 UV FOR 2ODB QUIETING
- 10-TUBE PERFORMANCE-8 TUBES (2-DUAL PURPOSE)
- 20-20,000 CYCLES $\pm 1 / 2$ DB $\bigcirc$ AFC
- afc defeat - superb low silhouette siylung
 instrument. The same sensitive FM circuit employed in the $1 T-77$ AM.FM Stereo Tuner
ispeciticotions os listed obove) has been incorporoled in the IT-80... designas ond constructed of the finest components, with iewel tike presision leoch unit is hond
wriod) in order to insure theo eoch funer will mointoin its axcellence year atter year
with an





Neu! LAFAYETTE LA-55 15 WATT MONAURAL AMPLIFIER
- frequency response: 15-30,000 CPS
- pOWER OUTPUT 15 Watts
- SENSITIVITY: 3 MV MAG. PHONO
- hum 65 db below rated output
- harmonic distortion less than - 3

T
$\square$ siminuTn超 日 -

- 5 input channels - RUMBLE FILTER

EL84 OUTPUT TUBES IN PUSH-PULL beautifutir styled


## The Most Extraardinary \#i-7iValue Euer Offered

LAFAYETTE SUPER-VALUE HIGH-FIDELITY PHONO SYSTEM


PLAY StEREO \& monaural records monaurally, now - add complete stereo LATER. This economical high-fidelity system is the performance value of the yec. Designed
for ruggedness as well as beaury, these componenes will satisfy even the most cric.cal music for ruger
listener.

## COMPONENTS

LAFAYETTE LA-S5 is WATT COMPLETE AMPLIFIER
NEW PICKERING MODEL 380 C ( .7 MIL ) DIAMOND
CARTRIDGE FOR STEREO AND MONAURAL RECORDS
GARRARD RC210 4-SPEED RECORD CHANGER
WOOD BASE FOR RC210 (Specify mahogany. blonde or walnur)
LAFAYETTE SK-128 FULL RANGE $8^{\prime \prime}$ BIAXIAL SPEAKER

> Regular Cat

10850
Complete mon Complete monaural system as above with choice of Pickering Model 380 C
Cartridge or Shure M7D Cartridge. Specify cartridge choice. Shpg. wt. 39 lbs .
HS-300WX
 Same system as HS. 300 WX, with the addition of Lafayette's Amazing "Mini-Duct"
Bookshelf Enclosure (Specify Finish). Shog. wt. 62 lbs. Bookshelf Enclosure (Specify Finish). Shpg. wt., 62 Ibs.
HS-301wX
S.00 Down $\begin{array}{ll}\text { Same system as HS-300WX, but with famous Lafayette SK-58 free-edge } 12 & \text { Net } 22 \text {-way }\end{array}$

 Same system as HS-302WX, with the addition of the
Bookshelf Enclosure (Specify Finish). Shpg. wt., 69 IDs.
HS-303wX
 Same system as HS-300WX, with the addition of the Lafayette LT-80 FM Tuner.
Shpg. Wt., 56 tbs. HS-304WX 56 tbs. 5.00 Down Same system as HS-302WX, with the addition of the Latayett 158.00


# Comments from the CRITICS and TECHNICAL PRESS! 

## hifi music

"The assurance of success lies in the excellent design of this tuner, the thoughtful manner in which it was panned for assembly from a
kit of parts, the use of RF and IF printedcircuit boards of the FM sections, and the very complete illustrations and instructions. You will have reason to be proud and pleased
with the results." July-Aug. 1958
"Instructions superb. As an electronics advisor on the staff of one of the bell system companies, I find this an excellent unit, com. this an excell units at three parable the price." 1B. Spring
Portand. Oregon

## Radio-Electronics

"The KT-500 tuner has a number of interesting construction and design features not usu-
ally found in moderately priced tuner conally found in moderately priced tuner con
struction kits."

## audiocraft fo the Murifl hubbuist

Oct., 1958

## COMMENTS on the KT-500

$\qquad$
more and more mach KT-500 works beautifully and meets if not exceeds, all your specifications. A friend of mine, KTter seeing and hearing my one for his Hi-Fi unit"" order

Charles Bel
St. Louis, Mo


## COMMENTS on the "STEREO 236

LETTERS!
Here are a few of the MANY we get...

# TRIED, TESTED, APPROVED STEREOPHILES, and KIT-BUILDERS <br> Comments from the CRITICS and TECHNICAL PRESS! 

## duODO

Th.s is a skillfully engineered unit
incoporatink an mopne every niono and
stereror frintion of value ihath has yet
unpearelt


Easy to Build!
Anyone can build these superb Lafayette
stereo kits-no special skill is needed. worded step-by-step instructions which guide jou all the way. Large full-scale
pictorials illustrate every stage of as.
sembly-show you exactly there part goes. Join the thousands who have already discovered this easy low cost way
of owning the finest audio equipment



## MORE <br> LETTERS out of THOUSANDS?

## COMMENTS on the STEREO-250



## COMMENTS on the KT-600

dmiration goes to the ens neers who performed the bachground work oping the layout for this kit assembly.

$$
\begin{aligned}
& \text { C. Pendergast } \\
& \text { Raise. Ilaho }
\end{aligned}
$$

"The KT-600 is the most re ment I have ever se instru-

Honeard Mindie

## Wayette PROFESSIONAL STEREO PRE-AMPLIFIER KT.600A <br> Wayette PROFESSIONAL STEREO PRE-AMPLIFIER KT.600A MASTER CONTROL CENTER


"... . one of the finest stereo
preamps available ...I con-
gratulate you on the fine
achievement..."
Bill Mitchell
Santa Rcosa. Cali/.
"It was a real pleasure put-
ling the KT. 600 together. Your
etched circuit board set-up is
finest I have seen."
I. E. Ricketts
Glendale, Calif.
 This "no compromise" stereo preamplifier and con-
trol unit offers unlimited versatility every feature necessary for the very finest reproduction. Already in use professionally, the LA-600
has been overwhelmingly acclaimed by those who has been overwhelmingly acclaimed by those who
own it as the finest stereo preamplifier availableat any price! It has a total of 12 input packs ( 6
stereo pairs) for program sources of any type and stereo pairs) for program sources of any type and
any level-all of which may be selected by a front any level-all of which may be selected by a front
panel control. Separate. Turnover and Rolloff
suit pwitches provide 24 positions of correct equaliza-
s. tion-independently adjustable on each channel.
A dual concentric stereo Function selector pro. vides extreme flexibility in the control of your
sele selected program sources-there is practically no
mode of operation which cannot be provided by

|  |  |
| :---: | :---: |
|  | $134,50 \text { s.oon }$ |

These two switches. A unique Bridge Control pro-
vides continuously variabue channel separation from full monaural to full stereo. or it can option.
ally be used to regulate the 3rd channel out ally be used to regulate the 3rd channel output. A clutch-operated volume Balance control provides
independent or simultaneous level adjustment of
channels. Add 1 itionally, this control may be used to channels. Additionally, this control may be used to
balance channels by means of an audible "null. bar more accurate than meters! Low impedance
far mean and
cathode follower outputs cathode follower outputs are provided for connece.
tion to two basic amplifiers or stereo amplifer tion to two basic amplifiers (or stereo amplifier)
and in addition to the 3rd channel output, there are two tape output jacks for recording purposes. Other features include: 4 dual concentric inp.
level controls; Presence Rise switch; Individual level controlsi Presence Rise switch; Individual
Bass and Treble controls for each channel; Rumble Filter; Scratch filter; Loudness switch; Tape Play-
Monitor switch.

SPECIFICATIONS FREQUENCY RESPONSE: $5-40,000 \mathrm{cpS}$
TORTION: Less than $0.05 \%$ IM of 2 volts out: Less than 0 .
 94 mv for 1 volt out; Tape Head inputs 1.8 mv for 1 vor 1 volt out, harmonic, high level input: high level inputs better than 80 do below 2.0 volts. HUM AND
inp leter than 62 do below 2.0 volts. IPUT IMPEDAN -250k ohms; Mas- 96 K ohms; Cerami - KK MPEDANCES: High level uut; Tape Head 470 OK ohms. OUTPUT MPPEDANCES: Main Outputs- 1500



 ${ }_{K T-600} 11 / 2^{\prime \prime} \mathrm{D}$, not including projections. Shpg. wt., 16 lbs . $\mathrm{W} \times 4 / 10^{\prime \prime} \mathrm{H}$ KT. 600 AWX Stereo Preamplifier Kit................00 down....Net 79.50
1A.600AWX Stereo Preamplifier, wired and tested...5.00 down....Net 134.50

## NEW! The OUTSTANDING "Stereo 250" кit

LAFAYETTE'S 50-WATT INTEGRATED STEREO AMPLIFIER



SPWECIFICATIONS $\pm 1 \mathrm{db}$ DISTORTION: Total Harmonic Distortion 25 watts per channel $1 \%$ at IKC at normal listening level ( 1 watt); I.M. Distortion less than $0.5 \%$ at normal listening level. FREQUENCY RESPONSE: 15 . $40,000 \mathrm{cps} \pm 0.5 \mathrm{db}$ at normal listening level, $20.50,000 \mathrm{cps} \pm 1 \mathrm{db}$
at rater output. HUM \& NOISE: Zero volume hum 77 db below rated output; max volume hum high level inputs 70 do below rated out. put; Mag. phono inputs 50 db below rated output. Sensitivity: For full output high level inputs 0.5 V ; Mag. phono 3.5 MV at IKC . CHANNEL SEPARATION: Greater than 55 db at IKC; greater than 45 do from $20-20.000 \mathrm{CDS}$. SPEAKER AUXILIARY OUTLET: 1 switched.
TUBE COMPLEMENT: 4.6 CW5/EL86, 2.7199 , $312 A X 7$. 3 Silicon di. odes. IMPEDANCE: 4,8 and 16 ohms per channel. POWER:
200 watts 110.125 V AC 50.60 cps .

The new Lafayette KT-250A provides a quality of repro duction, remarkable versatility and distinctive styling
that represent the finest quality kit value in its class that represent the finest quality kit value in its class.
Designed and engineered for ease of assembly. the KT250A is a fine stereop preamplifier and 50 watt stereo
amplifier integrated into one superb instrument. Whether amplifier integrated into one superb instrument. Whether you use it as a stereo amplifier delivering 25 watts per
channel or a a a powerful 50 watt monophonic amplifier. you are assured of true high fidelity reproduction-free
from hum. noise and distortion. Features provided are: trom hum. noise and distortion. Features provided are:
Unique Separation Control which provides continuousiy variable channel separation- from full monophonic to full stereo. Clutch. Operated Volume Balance Control
gives a choice of independent or simultaneous control of gives a choice of independent or simultaneous control of
both channels; 4 Independent Concentric Tone Controls for Bass and Treble Adjustment of each channel: Mode Switching-Iwo slide switches provide Normal Stereo or Reverse Channel: Input Selector-4 position switch

Swoophonic or stereo sources; Loudness Switch; Phase monophonic or stereo sources; Loudness Switch; Phase
Switch; 3 Pairs of High Level innuts; 2 Pair of Low Level
Inputs; Tape Output and Bridned Inputs; \%ape Output and Bridged Output-A monophonic
blend of both channels which can be fed blend of both channels which can be fed to a third
single channel power amplifier and speaker for a greater
sound spend in stereo. sound spend in stereo.
Advanced audio circuitry includes DC operated preamp
and tone control tube filaments for hum-free and tor
premium 6 cw 5 EL 86 push-pull output tubes. individaal bias and balance adjustments on each channel and a
hum balance control.
Supplied with an attractive beige vinyl laminated steel
cass with legs and contrasting gild white and front panel, all necessary parts and detailed assembly manual. Size $144 / 2^{\prime \prime} W \times 12^{3} 4^{\prime \prime} D \times 51 / 2^{\prime \prime} \mathrm{H}$ (with legs and
knobs). Shpg. KT-250A WX................... 5.00 down.

## THE REMARKABLE KT-650 FM TUNER KIT

- Lou Noise Front End With Triode Grounded Grid Amplifier and Triode Mixer
- Double Tuned Dual Limiters and Foster Seeley Discriminator
- Extremely Sensilive 3 uv For 30 db of Quieting
- Frequency Response $\pm 1 / 2 d b 15-35,000 \mathrm{cps}$
- Variable AFC Literally "Lock In" Stations
- Electronic Bar Tuning Indicator Tube
- Multiplex Output For New Stereo FM
- Pre-Aligned IF and Discriminator Coils
- Easy-To-Build Time Saving Printed Circuits
- 3 Gang Tuning Condenser

5450

Budget Kit Price
Save Over 50\%
Build It Yourself


 KT-650 ranks with the very finest FM Tuners. . Larayetite engineers have succeeded
in developing an instrument with performance and flexiblity that equals and surpasses factory-wired or kit tuners many times its modest cost.
The $K T-650$
incorporates every des

 electronic bar tuning indicator tube that indicates maximum closure at the opoint of beest
tuning. A variable AFC (Automatic frequency Control) is featurer. Once properly funed,
 cent to strong stations. The convenient front panel Tuner Level Control allows prectise
adiustment of the Tuner out put level. Superb circuitry features a low noise front end with triode mixer plus double tuned dual IImiters and wide band Foster Seeley discriminator. Sensitivity of the KT-650 is such
It that in many areas the only antenar needed will be a short piece of wire, except of course in remote locations. Plate follower outputs permit using the tuner up to to feet
from the amplifier. Lafayette Kit Research makes doing-ft-ourself a pleasure. Time.
 Allgnment is a critical factor that directly affectst the qually of reception in fM Tuners.
The KT-650 is provided with If and discriminator coils that have been carefuly Tacter
 More than just mere electronics, the KT-650 is a t tuner you'll be proud to do dsplay. The
 Face. Complete with cage and legs, interconnecting cables with plugs plus an indoor
folded dipole antenna. Overail Dimensions: $14 \times 5 / 1 / \mathrm{Hx11} \mathrm{D}$. For 117 V , 50.60 cycle AC .
Power


## COMPARE THESE SPECIFICATIONS:-




 stendard 75 microsecond deemphasis network. Audio Outprt: 1.75
volts at 75 KC deviation ( $100 \%$ modulation). Antenna Input: 300



## The

## KF-550

From Lafayette Kit Research Laboratories









 relative degree of distortion produced. If one stage has twice the distortion of another, twice as much feedback
is applied, resulting in a $20 / 1$ to $30 / 1$ reduction in is applied. resulting in a $20 / 1$ to $30 / 1$ reduction in Every component part of the KT-550 has been carafully
chosen to complement Its overall excellence. special
 structed with grain oriented siliticon sted massively con con-
winding sections. The frequency response of the $k T-550$ winding sections. The frequency response of the kT.-5S0
extend sich
ond

 quality capacitors pus costly corning deposited metal
fim glass.core sesistors. The newly developed 7027 A
 ering up to po watts, yet in the 550 to thrure long life
at lowest distortion levels they are required to oertorm
at only 50 watts An extremely

 and heayy duty electroyttics. A meterem calibration con-
trol panel conssisting of our potentiometers, a function
sith


'Do-IT-YOURSELF" and SAVE with LAFAYETTE HI-FI STEREO KIT SYSTEMS


## page Io

## Eico - Dynakit • Acrosound • Paco • Harman-Kardon HI-FI Kits

NEW! EICO STEREOPHONIC (PREAMP
 DUAL AMPLIFIERPREAMP
Only 69.95





 excellent performance from weaker signals, broad-band
ratio detector for improved capture ratio and easiew toning







## EIGOG 12-WATT WILLIAMSONTYPE HI-FI AMPLIFIER PREAMP... CONTROL SECTION



EICO HIGH FIDELITY AM TUNER KIT HFT94K

 Exta rocording autput. Controlse Bondwidth Seloctor, $12 \times 81 / \mathrm{N}^{w}$. Shpg. we. For 12 lbs.
110
 $\mathrm{HFF94}$
$\mathrm{G}-501$


 output at 20 db S/ N ratio. SELECTVIIY: (FM) 250 KC .
IF bandwidt ( 6 db down; (AM) overall IF bandwidth
of 18 KC at "drod

 (AM): neglifibse. OUTPUT 1EVE: 10,000 (FM) 2.5 F cold start; $100 \%$
(AOd.
mod. (AM) 1.0 V average. POWER REQUIREMENTS: 117


NEW EICO ST-7O 70 WATT stereo integrated
 NEW EICO ST-40 40-WATT
STEREO INTEGRATED AMPLIFIER KIT

 NEW EICO MODEL HF87K 70-WATT Stereo HIGH FIDELITY DUAL POWER AMPLIFIER KIT


NEW EICO MODEL HF-89 MODEL HF-89
100-WATH stereo dual AMPLIFIER KIT

This new HF-89 Duol 50 woth power amplifier has
been engineored to provide the utmost in oudio quolity under the most demonding circumstonces. Circuitry is Et34 output tokes in push peoll with fixed bios with
both bias ond DC bolonce forion for Response: $\pm 0.5 \mathrm{db} 5 \mathrm{cps}-100 \mathrm{KC}$. Harmonic Distortion:
lesit than $2.25 \%$ from 30 to 15.000 cps and less than



NEW DYNAKIT MARK III 60 WATT POWER AMPLIFIER KIT


NEW DYNAKIT STEREO 70 70-WATT STEREO
AMPLIFIER KIT

$$
0 x-30=
$$

16 ohms. Tubes: $1-E C C 83,2-65 N 7 G T B$, 4 -EI34, 2,8 , silican
diode

## 

G-514WX-HF. 89 Kit....5.00 Dawn..... Net 99.50
G-515WX-HF-89 Wired. 5.00 Dawn.... Net 139.50
Eica E-8 Enclosure far HF-89
c-5low

## PACO MODEL

 SA-40STEREO PREAMP
AMPLIFIER KIT

TORTION Less $0.2 \%$ hormonic ond $1 \%$ intermodulation
$\qquad$
$\qquad$
$\qquad$

## 

NEW HARMON-KARDON CITATION KITS


CITATION III FM TUNER KIT



 $\underset{\substack{\text { 6.3.65wx } \\ 6.365 \mathrm{Wx} \\ 6.232 \mathrm{~W}}}{\substack{ \\\hline}}$


CITATION V 80 WATT STEREO BASIC AMPLIFIER
40 watts/ channel (continuous), 95 watts/ channel (Deak).
Harmonic Distortion and im Distortion: I less than


 6.359wx
c. 370 WXX
Kit
Wired
5.00 Down
.. Net
Net
Net
Net
179.95
7

## HARMAN-KARDON <br> CITATION I KIT <br> 1 00000 $\cdots \cdots$ $\cdots$










## bynakit accessories




## THIIIIHLIX 3 INDEPENDENT VOIGE GOLLS ON 1 SPEAKER

## An Exciting NEW Concept In Speaker DESIGN

## THE LAFAYETTE andiux

3 Completely Independent Speakers With 3 Sepa rate Voice Coils In a Single Compact Unit

## 

- Frequency Response 30 to $18,000 \mathrm{cps}$
- Revolutionary "Conical Stiffener"
- Eccentric Baffle Mounting of Midrange \& Tweeter Eliminates Interaction Between Speaker Cones
- Built-In Crossover Network and Brilliance Control
- Extremely Efficient
- High Excursion Woofer
- Ideal For Stereo

Recreates The Entire Audio Spectrum With Concert Hall Faithfulness - In a
symphony orchestra, the musical sound waves symphony orchestra, the musical sound waves generated by the scores of instru-
ments played singly or together form incredibly complex patterns. Each instrument forms its own indivicual sound-wave pattern distinguishing it from other
instruments. These characteristics impose severe demands on a loudspeaker making it impossible for a single speaker to give anywhere near perfeci reproduction throughout the full audible trequency range.
The Lafayette "Trihelix" represents a major braakithough in three way speaker
design. Fresh engineering concepts have resulted in a single 10 -inch speaker
 of performance with the unmistakable feet, presence and clarity of a a.way
speaker system. The "Trihelix" is in effect' a complete three-way
hightridelity speaker system. with three mechanically and electronically independent speak-
ers mounted within a single 10 -inch frame.

Although they are individual units the 2 -inch tweeter and 5 -inch midrange
speakers have been especially designed to compliment the wofer speakers have been especially designed to compliment the woofer. Special distribution of mid and high frequencies without peaks or resonances. To minimize interaction between the three cones both the midrange and tweeter units are mounted eccentrically or off center in relation to the woofer. In addition
the midrange and tweeter are completely enclosed by a specially designed the midrange and twe eter are completely enclosed by a specially designed modulation distortion due to interaction between wooter, midrange and tweeter cones - a common faut in conventionally designed 3.way speakers.
The specially treated woofer cone employs a revolutionary "conical stiffener" "breakup", thus providing a true pitston action. This carefully designed cone. stiffening procedure, in addition to its very high compliance, enables the woofer


To detiver a smooth, crisp, solid bass that balances naturally against a crystal crossover points at 1500 cPs and 3000 cDS , allows each speaker to reproduce
its its portion of the audio range smoathly and efficiently. An adjictable brilliance
controo permits matching of sound ta room acoustics. SPECIFICATIONS: Overall control permits matching of Sound to room acoustics. SPECIFICATIONS: Overall
Response $20.20,000 \mathrm{cps}$ ( 30 to $18.000 \mathrm{cps}=3 \mathrm{db}$. Free Air Resonance $35-55$ cps. Impedance 8 ohms. Power Rating: 20 watts Average Prozram Material.
Corossover Points: $1500 \& 5000 \mathrm{cps}$ Overall Diam: $10^{\prime \prime}$. Overall Depth: $7{ }^{\prime \prime}$. Baffle




## LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURE

 WITH SK-180 10" TRIHELIX 3-WAY SPEAKER
## An ideal combination of speaker and enclosure SY-398WX Mahogany

 that furnishes optimum 3-way speaker perform- SY-399WX Walnut ance. Eliptoflex enclosures are finished on all SY-400WX Blond four sides, for vertical or horizental placement. SY-401WX oiled Walnut5.00 Down Net 66.50 5.00 Down Net 66.50 Shpg. wt., 32 lbs

High Compliance Dual-Voice Coil Stereo Woofers


THE VERY SAME STUDIO QUALITY WOOFERS EMPLOYED IN THE LAFAYETTE CELESTIALSATELLITE STEREO SPEAKER SYSTEMS Acoustical studies have shown that low frequency response
nat directional. . indeed the stereo effect is detormined by trequencies obove 350 cps. This duol voice coil woofer feotures two electrically separate voice
soils on a single woofer chassis. Eoch voice coil receive low freauencies from its respective stereo channel. Both of these signols ore blended through the single woofer
cone. This odvance in woofer design now makes passible 3 -channel stereo without the need of complicated costly Now lafoyetto offers these odvanced design dual voice coil woofers for the high-fidelity enthusiost who wishes
ob build his own 3-channel stereo spoaker system-ar wie work into a a 3 -ehannel sterea system. now ond eventually
$12^{\prime \prime}$ DUAL VOICE COIL WOOFER

- FREQUENCY RESPONSE 20-2500 CPS 8. ALNICO $V$ MAGNEY - 2" VOICE COIL - HIGH COMPLIANCE CONE FLOATS ON ROLLED CLOTH EDGES IMPEDANCE-EACH VOICE COIL 8-OHMS POWER HANDLING CAPACITY 30-WATTS

8" DUAL VOICE COIL WOOFER

- FREQUENCY RESPONSE 25-3000 CPS 2 B. ALNICO V MAGNET $2^{\prime \prime}$ VOICE COI ROLLED CLOTH EDGES CONE FLOATS ON VOICE COIL 8-OHMS POWER HANDLING CAPACIIY 30-WATTS
2.0C Down ......Net 20.95

CROSSOVER NETWORK KIT


Designed for use with Lofayofte Dual Voice Coil Woofer
(listod obove). Crosses Over at 350 cycles. Emplays fine quality components. Complote with detailed pictoriol in
structions. Shps. wt., $31 / \mathrm{lb}$. KT161


LAFAYETTE L PADS
Wo necoricy for controt ing sote



TWEETER AND ACOUSTIC RESEARCH AR-2 SPEAKER SYSTEM COMBINATIONS AT MONEY SAVING PRICES


### 101.60

SPHERICON EXTENOS THE RESPONSE OF
YOUR AR SPEAKER TO BEYOND 40,000 CPS.
discover . . . A Range and purity of high frequency response you never dreamed possible from your records or system Achice unchurled briliance anc nusical warmith from your present speaker system machetl win any speaker or soeaker systems especially the low en ency high frecurncy range w:th a clarity. transcarity and musical cuality never before possith


 conficiance fvot. Precise mat:"ning of the "Schericon" with lodays low and medium efficrensy speaker is accomplished br meazs of a special built-in aitenuator designed
not to affect ol lower the cff ciency ot the woner. As a result less amplification is not to af fect on lower the eff ciencr of the wooter, As a result less amplification is
needed assurne lower fistortion. Power casar ty is 30 watts. May be employed with any 4.16 chum sleaher. Beautifully stvert with an acoustically designed pole anodired
grill set in a sturdy satin black plastic case. Dimensions: $9 \times 4 H \times 21 / 2^{\prime \prime}$. Shpg. wt. LAFAYETTE SPHERICON SUPERTWEETER $\underset{S K-146}{\text { LAFAYETTE SPHERICON SUPERTWEETCR }}$

# an exciting new speaker development <br> NEW! 2- and 3-way <br> L/C CROSSOVER NETWORK 



- BUILT.IN AND PRESENCE AND PRESE
CONTROLS CONTROLS CHOICE OF frequencies 6 CROSSOVER combinations

This versatile unii can be used either as a 2 -way or 3. way 6 db. per octave network, simply by loosening a
few screws on the rear terminal panel and shiftins sey. eral wires. You can use this network for a 2 -way system now, easily and quickly convert to 3 -way later. six cross. over combirations are avaiiable- 2 -way crossover with
$2000-3000$ cycle or 5000 cycle cros sover, crossover cyce requencies of 350 and 5000 , 350 and 2000 .
200 3050,700 and $2000-3000$ or 700 and 5000 cycles - a total $0^{\circ}$ four difterent crossover frequencles! Suitable
for 8.16 ohm speakers. The network is housed in an attractive metal case. suitable for mounting inside encicsure or lazving out in the open. Two level controlsBrilliance and Presence controts-are mounted on the
friont panel. If desired, these controls may be removed, rront paniel. if desired, hese coniriols may be removed,
aicng with the beautiful gleaming copper escutcheon plate, or txternal mounting; controls are wired with 3 -foot long leads. High quality components are used fo long life and top performance.
IN 5 Lafayette L/C Grossover
2 OR 3 WAY CROSSOVER NETWORK


- 4 crossover frequencies - 1 pad balance
 The IN-7 Crassover Network combines quality performann be used in a twa-way system by crossing over of 500
curs or 33 Cn cps, and in o three-way system by utilizing the two simaltoneously. The change from o o bwa. woy to
3 way o dt per octove network may be occomalished 3. way of de per octave network may be occomplished
easily. Two level bolance controls, Size: $5 \% \times 2 \% \times 2$. LN-7

SPECIAL VALUE!
FAMOUS LAFAYEITE-
GOODMAN SK-113 15' 3-WAY SPEAKER

Regular
Price 79.50

- Frequency Respons

30-20,000

- $31 / 2 \mathrm{lb}$ Alcomax Magnel
12db Par Octave Crossover Network
- $2^{20}$ Voice Coil
- Ideal for Stereo
52.50


Absolutely the greatest speaker performonce value on
the Hi-Fi market. Man ufactured to toforette's rigid



 25 ces. $A$ speciol stif-coned mid.-frequency radiator
provides $\alpha$ smaort mechonical crassover ot 2.000 cps.


 Diann.t Shpg. wt., 30 lbs.
Sk. 13

[^0]
## NOW ONLY

## Iafayettc Presents

 THE NEW ULTRA-LINEAR SK-128 19.50 FULL RANGE 8-INCH BIAXIAL SPEAKER WITH NEWLYDEVELOPED TWEETER BAFFLE DESIGN. - 40 TO 16,000 CPS-FLAT WITHIN 3 DB ■ HIGH EFFICIENCY HIGH EXCURSION WOOFER WITH UNIQUE "CONICAL STIFFENER" $\quad$ HANDLES HEAVY BASS PASSAGES WITHOUT "DOUBLING"

## Eccentric Tweeter Mounting \& Unique Elliptical Baffle Completely Eliminates Interaction Between Woofer \& Tweeter



LAFAYETTE MINI-DUCT BOOKSHELF ENCLOSURE WITH SK-128 8" ULTRA-LINEAR SPEAKER
$\qquad$
$\qquad$
$\qquad$
$\qquad$ No 39.50 Not 39.50 Mor 37.50


THE WIDELY AGGLAIMED SK-58 12" COAXIAL SPEAKER Now Offered Exclusively By Lafayette At Tremendous Savings

## SUPERB PERFORMANCE GUARANTEED

 -OR YOUR MONEY BACK!THE WORLD-RENOWNED Lafayette SK-58
RESPONSE

30-15,000 CPS
SHEEPSKIN "FREE EDGE" CONE MOUNTING 11/4 LB MAGNET WEIGHT

3" COAXIALIY MOUNTED TWEETER BUILT-IN LC NETWORK
RATED AT 20 WATTS CONTINUOUS POWER

## VALUE 29.50

# Ammouncing the fabulous new afayette Brought To You By Lafayette Research - Engineered To Set A New Standard Of Speaker System Excellence 



COMPLETE SPEAKER SYSTEM with ENCLOSURE

### 64.50

ONLY 5.00 DOWN
NOW IT IS POSSIBLE TO HAVE ALL THE ADVANTAGES OF A HIGH EFFICIENCY 12" SPEAKER IN A BOOKSHELF SIZE ENCLOSURE.
SPECIALLY DESIGNED 12" COAXIAL SPEAKER WITH SHEEPSKIN CONE EDGE SUSPENSION AND $11 / /$ LE. MAGNET PROVIDE A RESPONSE FROM BELOW 30 TO 15,000 CPS.

- ENCLOSURE FINISHED ON FOUR SIDES IN HAND RUBBED VENEERS.

The "Eliptoflex" is the result of an intensive research program whose 3 -fold purpose. was to
1 Develop a speaker system that would meet the space requirements of stereo
2 Utilize the full advantages of efficient 12 " speaker performance.
3 Provide optimum performance without the use of large wattage expensive amplifiers


Adapts to any room arrangement Place horizontally on shelves or vertically on the floor

PHENOMENAL ELIPTOFLEX PERFORMANCE DUETO
(A) Memiy Designed
(B) Specially Diffracting Ring.

PERFORMANCE EXPLANATION The loudspooker is mounted on o bome recessed in the cobinet thell with the front.
ptate extending portiolly ocross the front surfoce of the boffe forming duction or tuoss from the wort openings so the outside oirs. The elliphicol cutout chonges the
efactive length of the duct tocross its sereo. This woriation in poth lengths provide on efartive le ngth of the duct ocross its oreo. This woriotion in poth lengths provide on
oxxemely
onder



CHRISTMAS SPECIAL VALUE (in) ExipA $10_{0}$ Lafayette ELIPTOFLEX in KIT FORM
 (. - Decoraiture Quality Birch - Decorative Acoustic Grille CK-14WX Birch Eliptoflex Kit (wt., 24 lbs .) Net 21.50

## NEW! LAFAYETTE "llinutlte" HIGH-FIDELITY SPEAKER SYSTEM

## TWO FOR 9 Q 50 Stereo

 SINGLY 12.50

- SHELF SIZE - ${ }^{81 / 4 D D \times 153 / 4 L \times 51 / 8 " H-U S E ~ T W O ~ F O R ~ S T E R E O ~-~ P E R F E C T ~ F O R ~ T H E ~ S M A L L ~}$ APARTMENT OR LISTENING AREA G GENU

6. EXTENSION CABLE AND PHONE PLUG

An exceptional speaker yalue... the Lafayette "Minuette" Mi-Fi Speaker. System will bring music to any foom in your home - and for a
remarkably low cost. Designed for use where remarkably low cost. Designed for use where
space is at a premium-ideal for the small apartspace is at a premium-ideal for the small apart-
ment or listening area. Expand your stereo system to other areas of your home.... easily used in the den, kitchen, patio or bedroom. Employs a speciaily designed 5x7 speaker in a rear loaded
ine musical quality yet measures only $81 / 4 \mathrm{Dx}$ uperb wh - small enough to fit anywhere. superb Walnut finish on 4 sides altows placing
speaker horizontally or vertically. Frequency Re. speaker horizontally or vertically. Frequency Re-
sponse $100.12,000 \mathrm{cps}$. Impedance 8 ohms. Rated at 10 watts. Supplied with 6 ft . of extersion cable and phone plug. Shpg. wt., $5^{1 / 2}$ lbs. Save Buy .............................................. 12.50 Save - Buy two for stereo. Shpg. wt., 11 lbs.
Set of two

NeW LAFAYETTE ULTRA. COMPLIANCE MECHANICAL 2-WAY SPEAKER SYSTEM

- ESPECIALLY DESIGNED VENTED, TUNED, DUCT TYPE ENCLOSURE
- UNIQUE MECHANICAL 2-WAY SPEAKER WITH EXTRA HEAYY MAGNET
- beAdtifully finished on 4 sides
- EXCELLENT FOR STEREO
- ONLY $103 / h^{\prime \prime} \mathrm{H} \times 183_{6}^{\prime \prime} \mathrm{L} \times 87 \mathrm{~K}_{6}^{\prime \prime} \mathrm{D}$


OUTPERFORMS
SPEAKERS DOUBLE
LAFAYETTE'S LOW PRICE

ofoyette hos indeed wrought a small miracle in eng1neering such ocoustic oxcellience into so smill a pockoge.
mooth, distortion freo response with o deep fundoment boss ond slean pure highs that give no indicotion of its
mals size ond price. The perfect speaker for thot high quolity instollotion in your home, office or restouront-
twe are ideal for thereo.
The spooker feotures unique dual cone construction with



 SK-12AWX MECHANICAL
2.WAY SPFAKER SYSTEM SDECify
SET OF TWO SK-124 WX SPEAKER SYSTEMS FOR STEREO Specify
SEREO

HI-FIDELITY WOOFERS

$15^{\prime \prime}$ HI-FI LOW FREQUENCY WOOFER - 31.5 OZ. ALNICO MAGNET - 20 to sooo crcles-35 watts Thi officiont $15^{\prime \prime}$ Iow frewoncy woitor incorporatos




 SK-67w $\quad 2.00$ Down ...........et 23.95
$12^{\prime \prime}$ HI-FI LOW FREQUENCY WOOFER 21.S OZ. ALNICO V MAGNET-2S WAT
 wotts of oower hondiling copacity. Perfect for hish.
 spoenor iytioms ot obudget prico. Enciostod mog.
 dia. Voice coit, 8 ahm impedance. All exposed sup
faces are finijtied in beoutiful brown enamel. Shp

## 5K-68

a lafayette SPECIAL
FULL RANGE
Mounting boards accept


## afayettè AMAZING NEW MINI-DUCT

A universal ducted-port bookshelf enclosure engineered for use with 1, 2 or 3-way speaker systems.

- solidir constructed of \%" woods
- START WITH A SINGLE SPEAKER AND BUILD INTO
- Acousticalur lined puroughout
- available in a variety of pinishes

Now imited space neod not necossarily meon limited sound. The Lafayelte Mint-Duc
 $6^{\prime \prime}$. Mid-Renge and a variety of twoeters. This sersatility makes it possible to start with

 AB-ATWX MINI-DUCT IN WAINUT NET 22.50 CAB-48WX MINI-DUCT IN MAHOGANY ........... 2.00 Dawn .....................NET 22.50 CAB-49WX MINI.DUCT IN BLONDE ................ 2.00 Down ............................. NET 22.50 CAE-SIWX MINI-DUCT UNFINISHED BIRCH ................ 2.00 Down.......................NET 22.50 mini-Duct Enclosure finished on 4 sides for attractive horizontal ar vertical place CAB-105WX Matogn Win 2.00 Dow $\qquad$ 2.00 Down

NET 24.95
SPEAKER AND ENCLOSURE COMBINATIONS
 peaker combined with the lafoyelte "Mini-Duct". enclosure will give the same. wide.
ange frequency rosponse (40.16.000 cps) normally found only in true coaxial speakers
combination unfinished "mini-duct" enclosure with sk. 9 speaker Y-348WX COMBINATION MAHOGANY "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER Y-349WX .................. 200 DOWN .............................NET 29.30

 COMBINATION OILED WAINUT "MINI.DUCT" ENCLOSURE WITH SK-98 SPEAKER
SY-35IWX ................................................................... DOW 29.50 COMBINATION BLONDE "MINI-DUCT•••ENCIOSURE IWITH SK.98 SPEAKER NET 29.50 SY-352WX ............................... 200 Down ............................... NET 29.50
SK-98 SPEAKER AND MINI-DUCT FINISHED ON 4 SIDES
SY-377WX MAHOGAN
SY-378WX WALNUT
200 Down
2.00 Down
NEE 31.95
NET
31.95

\section*{You be the <br>  <br> NEW! LAFAYETTE 8" HI-FI SPEAKER <br> "mechanical 2-way" speaker of unusual desicn - extra-heary macnets, extaemely high flux - response 40-16,000 Cps - special patenteo come construction ano material for smooth, distortion-free response - excellent for stereo <br> 





12. NCH LOUDSPEAKER Uustanding, pertormante 20 walts impecanne: 8 onms
 flx-177 8.INCH LOUDSPEAKER 8-INCH LOU a premium. only 3 3/2" deep:


 | 8.509 |
| :---: |
| $\mathrm{sk}-176$ |

IMPORTED FROM DENMARK ROYAL DANISH $12^{\prime \prime}$ DUAL CONE SPEAKER

## No. 7.95

- high fidelity model - RANGE: 4S-14,000 - high flux density this fine importod hioh fidelity somoker ot a fraction of the price you ore maunted on a por for so much qualio. romarkable wide range irequencm
ingle axis, ond provid response from 45 to 14,000 coss. Reprorduchout the entire
moterial is oxcotion ilike thr moterial An exclusive, special tormula cone sim trootment
ronge.
 damping effect imprall depth, $5.3 / 16^{5 \prime}$. Completely on-

 su.s6-12" Dual Cone Hi.Fi Sporntinn

If true-fidelity in music is important to you NEW! LAFAYETTE HIGH COMPLIANCE 3-WAY


# MEW! LAFAYETTE HE-20 CLASS D 

## Deluxe CITIZENS BAND TRANSGEIVER

 enclosed with each Lafiagerte Transeeiver. No cxamination or
echnical knowledge required - Any ciizen 18 years or olders technical knowledge equired - Any citizen 18 years or olders
i: elizible for a license.
accommodated by a convenient mounting at the side of the trans.
ceiver when not in use. An s.s." meler calibrated in 5 units 1.9 and

 Attractive low wilhouette case with a bracket nande. for installation at any location in any position is provided with a low loss antenna
iack at the rear that will acceot a standard Pl. 259
connector. Tubes:
 1-64a5 dual function, 1.678 quadri function size $12 \times 5 \times 88422^{\prime \prime}$ WE.20WX 115V AC 12 Y DC
 HEREDS
HE-22
Receive Crystal (Specify
Channel) HE-22 Receive Crystal (Specify Channel) Direct plug-in antenna for short distance communications
HE.1S
Shog. wi., 1 ib. . $\begin{array}{ll}\text { Net } & 2.95 \\ \text { Net } & 3.25\end{array}$

## LOOK AT THESE QUALITY FEATURES

114 Tube Performance, plus 3 Diodes
$2\left\{\begin{array}{l}4 \text { Crystal-Controlled Transmit Positions }\end{array}\right.$
Crystal.Controlled Receive Positions Plus 3 Tuneable Receiver over all 23 channels
4 " S " Meter with Switch To Measure Signal Strength and To Check on Wattage Input to Final
5 Dependable Push-To-Talk Ceramic Microphone \& Relay 6 Adjustable Squelch Control
7 Highly Effective Automatic Series Gate Noise Limiter 8 Illuminated Dial
9 Built-In 12 Volt Power Supply For Mobile Use
10 Comes Complete with Matched Crystals For Channel 9

## HE-20 COMPLETELY WIRED 99.50 <br> ONLY 5.00 DOWN

(4)


## NEW! LAFAYETTE "7" TRANSISTOR PORTABLE PHONO-RADIO



CONSIDER THESE OUTSTANDING FEATURES:

- CORDLESS-SELF-POWERED ON BOTH RADIO ANO PHONO - OPERATES ON INEXPENSIVE D CELLS - STUROY D.C. BRUSH MOTOR - 3-SPEEOS, 33.1/3, 45, ANO 78 PLU
SPEEO COMPENSATION CONTROL

- 2 tanasistor auvio stage
- attractive case with hando
- compact and portable-Welahs less than 10 LBS.
Now the pleasure of recorded music is yours any-



 audio stage uses it transistors furnishing tip to io ine sensitive ferrite-tuned antenna insures clear receptlon
of broadcast stations. A clearly marked slide rula makes tuning a breeze. The neart of the ple-rule dial section is a husky three-speed D.c. Brush motor that
was designed for trouble-free service power developed by this motor eliminates exceptional slowdown effects often found in portable phonogs and A variable speed compensation control phormits fine
adjustment of the phonograph speed to tery wear. Comes complete with flip-over callow for bat2 nedes COTRTROLS: ON-OFF; Volume: Tunning phono.

 BA. 157 Burgess No. 2 ( 6 needed) . Net ea. 13


## NEW! 9-TRANSISTOR "Polaris"

## TRI-BAND Radio Direction Finder

## Last Minute SPECIALI

- COVERS BEACON, BROADCAST, AND MARINE BANDS - INDISPENSABLE NAVIGATION AID
- RUGGED, ACCURATE AND DEPENDABLE
- 9 TRANSISTORS PLUS 1 dIODE PLUS 1 THERMISTOR The new Mootel HE-12 "Polaris" is Lafayette's answer to the need for a
vugezed accurate radi
 mo any two stations whose locations are. Known. piot the fixes. on your
map, and your position is known, quickly and accurately! The 9 -transistor map, and your position is known, quickly and accurately! The 9.transistor
superneterodyne circuit runs on four standard flashlight batteries External power required! Frequencies are clearly marked on a lage 4 - ${ }^{\text {to }}$
 kc marine radiotelephone (and 80 meter amateur) band. Direction finding is accomplished by means of the top-mounter directional antenna, the adjustable compass rose, and the panel meter. A retractable $24^{\prime \prime}$ " whip is
thitized on the marine radiotelephone band. Separate volume and sensitivity controls are provided as well as a button-controlled pilot light, an
 HE-12 WX
page 16

NEW! POCKET AC-DC

AVAILABLE NOVEMBER 30,1960



## LAFAYETTE Is America's Citizen's Band Headquarters

LAFAYETTE TELESCOPIC CITIZEN'S BAND WHIP ANTENNA
SENSATIONAL VALUE
IN A DIRECT
MOUNTING CITIZENS
ANTENNA


These cable assemblies are necessary for connection
between Citizens Band Transcluer and TYPE A Consists of 20 ft. RG. $58 / \mathrm{U}$ cable with PL-259
plus UG.175/U on both ends. Require for plus UG.175/U on both ends. Required for Ground Plane
and Coaxial and Mobile Antennas terminating in a and Coaxial and Mobile Antennas terminating in
coaxial jach. Shpg. wt., 8 oz. HP 1 Type A 20 ft length 8 .
HYPE B- Same as tye A TYPE B-Same as type A except one end is terminated
with PL-259 plus UG-175/U and other end with universal wing type terminal lugs for mobile antennas. Shpg. Wt.
res HP. 52 Type B 20 ft . length

INTERNATIONAL CRYSTAL NEW 1960 CLASS "D" CITIZENS BAND CALL AND HANDBOOK


Approximately 50,000 up-to-date names, addresses and call num-
bers by districts. Also includes bers by districts. Also includes
FCC rules and regulations. Radio District Map, Radio messages and call code, and valuable au
inoritative constructor for cilizens banders. BK. 1320 in NEWI SUPPLEMENT TO 1960 CAL Book. Approximately 50,000
calls issued from fanuary 1
1050 1960 to July 1, 1960 . Latest, up
to.date Clitizens Band Info.
BK- 1321 BK-1321
Postpaid in USA

NEW! POLY-COMM PC-62 SIX AND TWO METER TRANSCEIVER

$A$ new
concept in a vMF Package
Station
299.50

- Versatile - For Fixed and Mabile Use - Complett
 - motile 12 voc Plus fixed 115 vac Power Supply - Fush-To-Tall Operation

The Poly-Comm "6-2" represents an entirely new con-
cept in completely self-contained VHF Station. and at a price considerably lower than any comparable unit, this transcelver has taken amateurs by storm.
Not a collection of separate station components, the Not al callection of separate station components, the "-2 is a precision engireered transmitter, receiver,
and power supiy. The transmitter is VFO controlled an bower 6 and 2 meters and is independent of ree
on
ceiving frequency ceiving frequency. Two crystal positions are also of-
fered for network, RACES, and Civil Defense work. Power input 20 watts. Class $A 100 \%$ modulation.
Modified pi-net output for efficient operation. The push-to-talk microphone makes for convenient mobile
The receiver is a TRIPLE CONVERSION tuneable Superheterodyne type providing high selec tivity. sensitivity, and image rejection on both 6 and
2 meters. 3 RF stages - Crystal controlled 2 nd and 3rd comersion stages. Regulated ponwer supply on all
oscillators. Squelch. ANL, and AVC round out this fine eceiver section. Built-1n and power supply operates on voltage regulator and transistor, gives 20 tube per-


FREE
POLY-COMM PC-62 Cush

Craft


Craít OUAL HALO 2 and 6 METERS A horizontally polarized moblle
or fixed station antenna for Amateur and CD. users in the
two and six meter bands. Single two and six meter bands. Single
feed line with two and six meter - $21 \begin{aligned} & \text { teed line with two and six meter } \\ & \text { halos interconnected. Concentric } \\ & \text { gamma match for } 52 \text { or } 72 \text { ohm }\end{aligned}$ coax feeders. Braadband coverage. Neat perfect omnianectional pattern. Comes complete with mast to fit
and mobile mount and instructions. Shpg. WE.745wx
combination package

AMECO NEW MOBILE CONVERTERS
 MODEL CLA CONVERTER


A crystal controlled converter that can cover any specified frequency from 2
Mc to 54 Mc. This covers the ham
bate Mc to police, fire, coitizens the ham
bands. The
etc. The coner erc. The converter consists of a 1206
tube and has a 1 mictovolt usable sen-
sitivity, making this sitivity, making micsovolt usable sen-
sensitive to even the whit extremely plyses the car's 12 volt batatery suph
ply and all you have to do is plug the antenna into the converter. While it is
crystal controlled, the user Changing the crystal and adjusting a up other frequencen. converter, to pick
and fire Auxiliaries. $31 / 2$ Hal for Police -ese Mocel cia for Citizens Bano
 54 mc Specifv frequency MODEL CLE CONVERTER The useable sensitivity an down to one-quarter of a
 WE 853 Model CLB for 6 meters HE -54 Model CLB for Citizens Band Net 24.45
Net 24.45 ME- 555 Model CLB for any other frequency from 2
to 54 mc. Specify frequency - to 54 mc . Specify frequency On special order and subject to 3 weeks detivery.

## - NEW! WECO SOHELCH ANO AUTOMATIC NOISE LIMITER <br> 20 5

- Ideat fer mams. Ship-to-Shore Radio and clizens - Will fit in Any area - Only $11 / z^{\prime \prime}$ high

Provides full squetch and noise limiting to any auto tion. Quiets the receiver when no slgnal is being
tione received and reduces unwanted noise from ignition
systems and other sources. Requires no high voitage 12 or 6 volts from car battery is the only power needed. Ulilizes $2-12$ volt hybrid tubes for economical operations. An adiustable squelch control and noise
limiter switch provide versatile performance. Compact
 HE-SS for 6 volt sets Net 17.39 AUTOMATIC NOISE LIMIIER - For operation where squelch control is not required. Intended for mobile
and fixed station use - it reduces ignition noise and ther unwanted interference. $1 \times 13 / 4$ " Shpg. Wt.. 1 ib. ME -85
WE-85
For
6
6

## IT'S LAFAYETIE for POPULAR

 FOR BUSINESS, INDUSTRY, CARS, BOATS,

23 recently assigned radio channels within the 26.965 to 27.255 megacycle range (11 meters) make possible 2-way communications in a great number of business and
any one of these citizens band antennas free


GONSET G-12 MULTI-CHANNEL 2-WAY CITIZENS BAND RADIO


## - 4 Crystal Controlled Iransmit

 and Receive Chanaels- Adjustable Squelch
- Iransmitter Tanaing Indicator Features press.to-talk switch on
microphome. noise
limiter, buill-in






Net 149.95 Gonset $\mathrm{G}-11$ single channel crystal controlied transceiver.
Complete with press to talk microphone and set of transmit-receive crystals. Shpg. wt., 10 libs.
HE-527wx model 3303. For 115 vaC … ....... 5.00 Down ........Net 124.50 HE-528wX Modet 3304. For 12VOC $\quad$. $\quad$ 5.00 Down .........et 124.50 ME-529WX Model 3305. NEW! RCA MARK VII 27 MC CITIZENS BAND RADIO PHONE

- Pusthte-talik Ceramic Micrephope.
- Bllititia Smeich Control - illminated Imaing Dial time and Receivine Chommels 23 Chamnel Tumeable Receiver Features a highly selective super


 sauelch, automantic. noise iver has
 is in to 20 miles deepending on terrain and antenna heigho. Transmitter range mounting in any location, any posisition. Charcoal and plish mount and brracket for
 ${ }_{i E 637 W x}$ For 11 SVAC/6VOC operation. 5.00 Dom $\underset{\substack{\text { Extra } \\ \text { HE } 639}}{\text { set of transmitting and receiving crystals. Specify channel or freauency }}$

INTERNATIONAL CRYSTAL "EXECUTIVE" CITIZEN BANDER

3 Crystal Controlled Transmit ting Positions

2 Crystal Controlled Receive Positions

Dual Conversion Superhet Re. ceiver Tunes All 22 Channels

- Push-To-Talk Dperation


The International Crystal "Executive", class D Citizen band transceiver features one diode, resulting in 16 tube pertormance. High impearnee or carbon micro.


 installation. Size $6 \times 9 \times 10^{" 1}$ deep. Shps. wt., 15 los.
HE-450WX $\quad$ Net 169.50 HE-461 Power Cable for 6 Volt Operation $\quad . \quad$ Net 7.0 HE-462 Power Cabie tor 12 Volt Operation Net 7.50 HE-463
HE-A64 Rensmit Crystal (Specify Channel or Frequency)
Receive Crystal (Specify HE-465 Moblle Mounting Rack

VOCALINE ED-27M "COMMAIRE" 4 CHANNEL CITIZENS BAND RADIO

- Crystal Contrilled - 4 Chan nel Transmit, 4 Channel Receive.
- Double Conversion Superhet Receiver
Noise - Immune Patented Squelch Circuit
- Iransistorized Power Supply

Jransmitter - 5 Watt Input: 3 watts Dutput





 | XOD. 2 Ex |
| :---: |
| kectue |
| HE-255 |

NEW! PHILMORE CITIZENS BAND TRANSMITTER KIT
A value-packed Citizens Band transmitter designed for use in conjunction with the
CC. 1 converter or any communications receiver Full five watts all FCC requirements. Six switch.selected channels. Comes with high quality



new! Philmore citizens band converter kit
This kit provides all the advantages of double-conversion. superhet reception.


 power supply. Complete with Cabinet. Crystal, Handle bracket, and alt cables and
olues.
HE-Sa7

## POWER SUPPLIES


 HE-SE6
 MOUNT


Completaly constructiod of steel, wing ox
tra heouv gouse strool fubing which will

 Tripod
3 ibs. TS-250 Simely Each 2.19 tots of 3. Eoch 1.95
ADJUSTABLE 18 WAIL MOUNT is-as 3 Eoch 3.06

$$
\begin{aligned}
& \text { TV ANTENNA MASTS }
\end{aligned}
$$

$$
\begin{aligned}
& \begin{array}{l}
\text { Aluminum masss. } 18 \text { gouge. heory } \\
\text {-olli.high tonsile stength. Ruil ond corro }
\end{array}
\end{aligned}
$$



## II METER CITIZENS BAND TRANSCEIVERS

 FARM, SPORTS AND PERSONAL USEpersonal applications. station license is easy to obtain - merely fill out single FCC form (supplied) . . . no exam or special skill is required.

##  <br> mOBILE REAR COWL MOUNT ANTENNA 18.52 Complete Antenna Kit for rear deck or side mpounthe. Consists of cadmlum plated base, special ailoy cadmium plated spring $102^{\circ}$ stain, 

WITH PURCHASE OF ANY TRANSCEIVER ON THESE PAGES. MOBILE

NEW! POLY-COM II DELUXE CITIZENS

## BAND TRANSCEIVER

- Dual Canversion Supertetero-

Hyon Recelver

- Ajjastrable Squeleh
- Aitomatic Volume Contral
- All-Electronic Transmhtie celve switeniay
- 4 Crystal Conitrolied Trassmit Ctanmels
- Crystal Controiled Recelve

Craments Arugged, reliable, compact thehannel transceiver in the field, on vehicles, planes
poast and in the office or home. precision ennlneered and tested to give pro tessional performance; super sensitive dual conversion superhet recelver, adjust
abie vacuum tube squelch circult; delayed automatic volume contro, fioating series gate-type noise limiter, bulit-in carrier and modulation indicator, bulli-in hamonic suppression filter, 3 full watts audio output, minimum of 2.5 watta power output to antenns, ssparate mike preaspo and osciliator. Adjustable antenn
matching for 52 or 72 ohms Weatherproof $4^{\prime \prime}$ speaker, cadmium piated steel westh erproof case and chassis, all-electronic changeover from transmit to recelve. Un
 cofi cord keeps milhe handy. 11 tubes of which 5 sure dual purpose for fis tube performance. Comes complete with crystals for one channel, universal mountine
bracket, $A C$ line cord, DC lime cord, microphone, mike brachets, set of instruc
 WE-295wR 115VAC/6VDC
ME-2vawz 115VAC/12VDC ........................ 5.00 Down


## JOHNSON VIKING "MESSENGER" CITIZENS BAND TRANSCEIVER



5 Crystal Controilad inceiv. ing Clianeels

- 5 Crystal Contreiled Transmittiog Chanasts
- Push-To-Talk micropheasa
- Built-im squeleh

Designed for seliability and easy Installatton in your home, business, location, car,
truck or
boat. Excellent recelver sensitivity
sind
selectivity. Bullt-in squelch,

 ME-447wX Model 242-128 115VAC/12VOC
 ME-451wx Model 242-126 115VAC ..............................5.00 Down............................. Net 134.55


## MOSLEY A-311 3-ELEMENT CITIZEN'S BAND BEAM ANTENNA


37.50


CDR AR-22 AUTOMATLC CDR AR-22 AUTOMATKG
ROTOR FOR CITIZESS BEAM This hedry-duty rotor unit will mane control unit pointer to the desired cirection, and the antenno will astompikedty
rotate to thls position and stop. Pefict rotate to thls position and stop. Pofect
for TV , Ham or citizen Band ippolicatice.
 proof motor reverses instemity and
factory lubricated for ife. Reversilio

 plastic cabinet with nubber teet. Comb-
plete with rotor, control unit and instric.-
tlons. For $110-120$ volts $50-60 \mathrm{cps} A C$. Reouires 4 conductor cable.
WE $-470 W X$....... 2.00 Down ...... Net 32.77 4-Conductor cabie for HE-476WX rotor
Wh-24
length ................................... Net 290 .
gENERATOR NOISE FILTER


Eliminates whining and grinding noises created from generator brushes. Enables quiet receiver operation
for Citizers Gand, Amateur and Industrial frequencie-.
standard Standard frequency range $3-30$ mes. Installs quickly
by removing nut from generator output terminal and installing bracket. Shps. wt., 1 lb .

## CITIZENS BAND CONNECTOR ADAPTERS

## प珓 - ?

29-786 ADAPTEA
Adapts an S0-239 Socket to a Standard euto radio MR.53 .......................................................... Met.4 29782 ADAPTER
Adapts a PL-259 Plug to astandard auto radio (Motorole type) plug.

BLITZ BUG LIEHTNING PROTECTOR

## EICO CTIZENS BAND transcenver KIT

Consists of a 5 -watt single channel crystal controlled transmitter and sensitive superhet tumble recelver
with RF 3 tage and noise limiter. Easily shifts from any of the 23 citizens band channels simply by chang. ing crysiths A variable "pi" network permits matching to any ype of antenna. Accepts airectiy attacched speaker crrstal and ceramic microphone (Antenna is
not supolied). Aluminum front panel and brown steel


 5.00 Down
HE-320wx 762 Factory Wired ... 5.00 Down.... Net 88.85 Net se.ge

## JOHNSON AUTO OR MARINE NOISE SUPPRESSOR KIT

$\square$


- Ament fer monile ce opprater

An essy to instant wit that will effectivaly suppress Iznilion noise. Kit consists of a spert plug suppres





MOBILETTE "61" All Transistor CRYSTAL CONTROLLEO CONVERTER - Foe hanataws, CE, swt c.a.p., vol fire and po-Now-in matter of minutes your standard broadcast tions from around the worla! Has R.F. stake of amplit
 input jacks-one for broadcast antenna and one for
band resonant antenna for shortwave reception. operates on 12 and 6 volts from car crgarette lignter
socket. $A$ "snap" for anyone to install! Meniature size. socket. $A$ "snap"
shper. wt., 2 los. anyone to install! meniature size. stack
Hes.



## 

Designed to fit any standard coaxial cable, the "Blitz static build up on coaxial cables. Provides a constant drain off, reducing chances of a direct lightning strike
 plug.) hp .50

PHANTOM ANTENMA LOAD

## $\sqrt{2}=$

A 52 ohm non-Inductive antenna load. Ideal for testing and repairing citizens band transcaivers. Can be used as coax wane terminator, Power rating adequate for
any 5 watt citizens Band transceiver. Enatles com
pitiance with FCC regulations regarding tune-up and adjustment of transceivers. Shpg. wt., 1 lb.
ME.
Ment

SPRAGUE GENERATOR/REGULATOR FEED-THRU NOISE SUPPRESSORS
These Sprague 3 .terminal network feco-trun capacitors.
act as
extremely effective M.F. niters above 2 MC. Eliminates and suppressess the matiorty of noises due






RF COAXIAL CONNECTORS

## $05=4$

Steck Me.
sp .174.
sp-175
$\operatorname{se-}-175$

## Maseription. For direct con




## LSRASYDTMND

## LAFAYETTE HIGH FIDELITY

 STEREO-MONAURAL TEST RECORD - Tests rumbie each channel itsst leve qach channel - tests Resonance o incorpohates phase check

Filters out turntable vibration and rumble-makes every low-priced turntable and changer quiet and rumblefree. Designed for use with ceramic or magnetic cartridges. 3.position selector switch-ceramic, mag.
netic cartridge, off. Just plug it in between cartridge and $140 r i e r ~ i n p u t s . ~ O v e r a l l ~ s i z ~$

## 

A Larayette exclusive to help you check both stereo
and monaural systems. For stereo testing this two. sided $12 "$ " $1 . P$ stereo. record has on its stereo side
two 1000 cycle bands to check the level of each channel separately; balance check to set the level of
each channel using special metronome recording; each channel using special metronome recording;
rumble test. both outer and inner edges of each side to check

both stereo and monaural styll. Incorporates phase | both |
| :--- |
| adius |

 test in 9 steps from 30 to 15,000 cycles, a continuous
glide band from 10 to 35,000 cycles, to test for reso-
nances of tone arm or nances of tone arm or of cabinet. The periodic use of
this record to check on your equipment perform this record to check on your equipment performance
will easily pay off by catching any costly deficiencies or by diagnosing faults and errors. Also features sec-
tions of stereo sound effects of iet patal tions of stereo sound effects of jet planes, boat
whistles, etc. A terrific value and a "must" for the
Hi-Fi Whistles, etc. A terrific value and a "must" for the
Hi-Fi enthusiast. Comes with complete instructions
for use. Shpg. wi., 1 it. PR. 14 I4e. Shpg. wt., 1 i6. ...... Net 2.95


FOR 12"' RECORDS Fig. A) Handsome case holds $60-12^{\prime \prime}$ records with-
ont jackets. 36 with. Solid wood frame lock corner
onstruction. Covered with Pyrocolin toated construction. Covered with Pyrocolin coated cloth, complete with numbered separators and index. 131/4x7x


## LANGUAGE COURSE <br> FRENCH <br> ITALIAN GERMAN SPANISH


learning languages is fun by the amazing new coning and speaking a new language. Expert instructor teaches you perfect pronunication as you follow each teaches you perfect pronunication as you follow each
phrase in the lesson manual Contains $1-10^{\circ} \cdot 331 / 3 \mathrm{RPM}$
record and manual. Shpg. wt., $3 / 4 \mathrm{ib}$.

LAFAYETTE STYLOCHRON
More precious recordings are ruined by tardy replace
ment of the needle than by any other cause. Now
there is no need tole ment of the needle than by any other cause. Now
there isno need to let this happen, especiallv to vour
doubly precious stereo recordings. Latayette stylo doubly precious stereo recordings. Latayette stylo
chron lets you know just how long your needie has been in use so that you can replace the worn needle
at the proper time before at pe proper time, before it can do damage to your
records. The Stylochron is quickly and easily mounted
on your motor board or other convenion moment your record changer or turntable starts, the
styliochron stylochron begins to register. It stops when the turn
table stops. The 1000 hour dial will tell you time how long you have been using the need e. Dial is marked off in 50 hour units. You can remove you
stylus for inspection at any predetermined number of


## LAFAYETTE L PADS



MINIATURE RCA METAL INSULATED EXTENSION PLUGS \& JACKS

Provide oricallerty briess, nickel-ploted RCA phone plugs.
MS. 593
(B) Enten
RCA pho
MS. 594
MINIATURE HI-FI AUDIO MIXER

New 1 pads for use as "brilliance" controls to vary
tweeter level, or as 'presence" controls to vary mid tweeter level, or as "presence" controls to vary mid-
range speaker level. Both wirewound elements are concentrically mounted within one plastic housing. With
gold finished metal escutcheon plate, $m$ mg screws, and



Net $\cdot \mathbf{1 . 3 9}$
Ne! 1.39
Stereo
SELECTOR SWICH 1.59
room in your hom
pairs of speakers
A constant impedance speaker selector switch for mut-
tiple-speaker stereo Hi-Fi. Selects 3 sets of speakers in any combination, with up 1060 watts of audio power.
Mounted en an attractive, gold-finished, steel, electric outlet plate. $23 / 4 \times 41 / /^{2 \prime \prime}$. Shpg. wt., 1 16.
ms -765 Stereo Speaker Selector Switch ... Net 1.58

EXCITING NEW STEREO HEADPHONES


A Lafayette Best Buy!

- Each Earcup Actually a HiFi Speaker - Extra Long 7.Ft. Cord
- Foam Rubber Ear and Head Pads

These Latayette stereo phones actually contain 2 small
hi- -1 dynamic speakers in specially designed casings. $21 / 2$-in. Units provide a frequency range of $30 \cdot 15,000$
cycles. Foam rubber ear and head pads offer utmost cycles. Foam rubber ear and hear pans offer
comport. 8 ohm impedance on each channel $(4 \mathrm{hms}$ with Both sides connected together) enables a direct attach-
ment to amplifier output. 7 .ft. cord with 2 -circuit phone


## JUNCTION BOX

### 4.59 <br> 

For connecting stereo headphones to an exlsting system without the need of continually disconnecting speakers
Impedance $4-16$ ohms. Has separate earphone jacks for stereo or monaural, separate volume controls for fach side of the headset, and a speaker on-0ff switch
$41 / / \mathrm{W} \times 1 \mathrm{~K}_{\mathrm{t}} \mathrm{H} \times 13 / 4 \mathrm{D}$. Shpg. wt., $11 / 4 \mathrm{lbs}$.

## LAFAYETTE MULTIPLE <br> 日昌 <br> !i: <br> A. 1.15 1.19 <br> 

multiple speaker swich (A). Constant impedance device for controlling any 6 remote speakers; up to 63 dif terent combinations. With instructions and haroware.
Shpg. wt., 10 o2. Wite Muitiple Speaker Switch (H). Identical to above bu
mounted on flat. goideembossed plate for mounting on
flat panel. $31 / 2 \times 25 g^{\prime \prime}$. Shpg. wt., 10 oz. ms-544 .......................................................... 1.18


LAFAYETTE
REMOTE SPEAKER FADERS


Remote Speaker Fader (E). Provides adjustable volume ually increases volume on one speaker while dimin ishing volume on the other. May also be used to adjust
volume for 1 speaker. Gold plate for front panel mount volume for 1 speaker. Gold plate for front panel mount
ing With instructions. Shpg. wt., 6 oz.
vC-53 Remote Speaker Fader (G) Same as vc-53 except for



Remote Speaker Switch (C). Connects remote speaker to any existing set. Turns both on or either speaker on
or off. With gold embossed plate for front panel mount. ing
Ms-469
With all all parts and instructions
Remote Speaker Switch (f). Same as MS.469, excep
Award_QUinning LAFAYETTE TAPE RECORDERS
 never before such exceptional quality and value! Completely Portable.Carry it Anywhere! Two Speeds- $3 \frac{3}{4}$ or $71 / 2^{\prime \prime}$ Per Second. Uses Standard $5^{\prime \prime}$ Reel. Frequency Response $60-8,500$ C.P.S
lafayetie leads the audio worid with this fantastic tape recorder buy. Indeed we can honestly say there has never been a tape recorder value that com.
pares to this remarkable instrument. .e. Perifect for home, school or office. At home, the RR-400 proves ideal for parties or recorring your favorite musicial


 of tape. Special ${ }^{\prime \prime}$. heavy duty permanent magnet speaker furnishes an exceptionally
fine tonal quasity. Record level indicator light facilitates recording by showing Yine tonal quality. Record level indicatore light tacilitates recording by showing
you when volume control is correctly set. Jacks are provided for microphone,

 lafayette acetate base recording tape. Features noise-free reproduction,


Only 2.00 Down!

|  | (idacer |  |
| :---: | :---: | :---: |

## New! lafayette rk-lo3 dual speed tape recorder

## CHECK THESE FEATURES

PUSH-BUTTON CONTROLS $\vee$ JUAL SPEED-7 $1 / 2$ \& $33 / 4$ " PER SECOND twin speakers $\checkmark$ tape index counter $\backslash$ SIGNal to noise ratio better than 40 db $v$ WOW and flutter less than 0.35\% dual track $\checkmark$ response $50-13,000 \mathrm{cps} v$ powerful 5 Watt AMPLIFIER

One of the finest tape resorder values La'ayette has ever offered A perfect instruin ideal tor parties or recording your favorite musical performencee. Use it at school for lectures. ontes or voice tran ing. In the office the Rk-103 is excellent
for sales presenta ons or dictation. Handy, fool proof aperation has been arcomplished by utilizing ruiged push-button

 versatity with tape economy. Yape. -ntex counter allows precise pinpointing on
any portion of tape. Rerecrd level indicator light facilitates reccraing py showing


 external speaker and external smplifiler linput iack tor recording form your
Radio-Phono or TV. Atractively finished in lack and white scuffere istant pyroxy in material. Complete with microphone, 600 It. of tare and extra reel. Dimensions are



## RCA VICTOR 4-TRACK STEREO HI-FI TAPES

SAVE $38 \%$ OFF LIST 7.95 LIST-NET $4.93 \quad 8.95$ LIST-NET $5.55 \quad$ 12.95 LIST-NET 8.03

FTP-1015 Music From "Mr. Lucky" trom iv Sound FTP-1007 Vive in it Difterence, Mariorie Meinart at the ITP-1020 LTwery Organ. FTP. 1013 orch $\begin{gathered}\text { orthur murray's music for Dancing- }\end{gathered}$ FTP-1013 ATthur Murray's Music For Dancing-FTP-1012 Antrinur Murray's Music for Dancing-fox FTP-1010 Trothur Murray's Music For Dancing-Mambo FTP 1010 ETP-1011 Rumba, Samba, Tango, Merengue. $\begin{array}{ll}\text { FTP- } 1001 & \text { Arrthur, Murray's Music For Oancing. } \\ \text { on } \\ \text { Tour with } \\ \text { The New } \\ \text { Gienn Miller orch }\end{array}$

 rf-1018
Percussion Ensemble Sons; Twilight Memories. SPECIIFY STOCK NO RM. 10 WITH RCA NO. WHEN ORDER
 RCA NO.
FTO-5000 Take Me AIOng OCRIPTION FT0-5000 Rake Me Along Original Cast Recording

 Specify stock no. RM. 12 With rca no. when oroer SPECIFY STOCK NO. RM. 12 WITH RCA NO. WHEN OROER.
ING ANY OF ABOVE
List 8.95
Net ea. 5.55 6000 Series Approximat 1800 ft. Shpg. wt., 1 lb. RCA NO. DOESCRIPTION FT0-6000 Belafonte at Carregie Hall, Harry Belafont
 prerecondeo tapes are not avallable under the
lafavetie easy-pay plan

## NEW! VIKING "STEREO-

 COMPACT" TAPE DECK

- Two Tape Speeds-71/2 or $33 / 4$
- Separate Capstan Drive \& Takeup, Fast Forward Motors
Frequency Response-30-17,000 cps @ 71/2 ips, 40-15,000 cps @ $133 / 4 \mathrm{ips}$.
- Half rrack on Quarter Track Operation
- Individual VU Recording Level Meters
- Sound on Sound (cross channel) Recording
- Digital Tape Counter
- Erase Safety Switch

A precision instrument that will complement the finest
of music systems. The famous viking 85 tape deck of music systems. The ramous Viking 85 tape deck 15
intergated into a single cumpact unit with secarate integrated into a single compact unit with separate
RA.72 recording preampifiers, each containing individual vu recording level meters for each channel. Be hind-the-panel connectors are provided for high level
innuts plus music system and monitor outputs inputs plus music system and monitor outputs for
permanent connection into your
fexisting
high-fidelity component system. Two separate motors, are employed - the tape drive motor utilizes a special 'fflutter-filter'
 ms. Signal-To-Noise Ratio is 5 Sjb or better. The
second motor furnishes fast forward and rewind -1200 it reel rewind time is 80 seconds speeds Ulme 50 seconds. Accepts standard $7^{\prime \prime}$ reel size. Adcueing faciilities. front-panel speed selector switch 33/ ips and $71 / 2$ ips. interlocked coaxial controis,
soul 1 on sound (cross -channel) recording factilities and individual solevel cross-channell) ceocording facilities and


 stereo prayback
RK=244WX Anodized Aluminum Finish

 - Aill unts avalable for 50 cycle operation at an ad at
ditional $\$ 2.20$. Specify stock no. and 50 cycle.

## sUPERECORE



MODEL CS-300 STEREO RECORDER A complete 4 and 2 track stereophonic tape recording and
playback system with buit in in stereo preamplifiers and stereo playback monitors. Recording and playback also to
2 and 4 track monophonic tapes. Two speeds $71 / 2 \& 33 / 4 \mathrm{ips}$.

 micriophones. AM/FM stereo tecers, stereo record players
and tape players. Separate tevel and tape players. Separate level controts for microphone
and auxiliary inputs provide mix ing facilities for soundand auxiliary inputis provide mixing faciities for sound
over-sound recordings. Low impedance outputs to match external prearmo or power amplifier inputs. An Instan
Stop Lever insures precise editin Stop Lever insures precise editing and cueing. Accidental
erasure of important tape is prevented by a Safety (lock




 AC. Inciudes carrying case with 2 built-in speakers an
2 F .7 dyn amic microohones. RK-280wx
20.
10.00 Down
Model OK. 300 Same as CS .300 but without carrying case,
speakers. 3 nd microphones Speakers, and microphones. Shpg, wt., 35 lbs. .
RK-281
10. A LAFAYFITIS SPFCIAL $\rightarrow-\quad$ RECORD PLAYBACK $\sqrt{5}$ AND ERASE HEADS 3.95 Set

A two-piece set consisting of one recorr1/playback and one erase tape head. Designed for use in dual track
recorders, these units will replace the heads in most
noser Japaneses.built recorders, and are atso excellent tor the
electronic experimenter. Record playback head specific elections: impedance: 2.2 ik at 1 KC ; DC resistance: 160
cation



 ${ }_{\text {F. } 633}$

# Lafayette SPECIAL VALUES ON RECORDERS AND STEREO EQUIPMENT 

NEW": LAFAYETTE RK-109 4 and 2 TRACK STEREOTAPE RECORDER


Designed for life-like quality sound reproduction and
outslanding operating performance. For playback of
4 and 2 track stereo plus, monaural recording. Buil-in
and duai amplifiers and $4 \times 66^{\prime \prime}$ oval full frenuency range
speakers make the unit alf contained stereo re.
production center Overall freouency response 70.13 . production center. Overall treouency response $70.13,000$
cps with less than $2 \%$ distortion at normal listening
levels. 5 Watt amplifiers (one for each channel) operate eveis. 5 Watt amplifiers. (One for each chanel) Doperate
in parallel tor monaural. A Personal Preference Variable
Tone Control allows variation of dual amplifiers Suit individual taste. Push button controls for Record,
Playback, Rewind, Forward and Stop are interiocked reverse, is accomplished in. Ress than 80 seconds for and
r"s reel of tape. A signal light recording level assures simplicity in record monitoring level indicator orw level for microphone. high level for radio, phono
or TV. Four output jacks Two for external speakers to
either or both channels and two for either chante input of an external amplifier. An automatic resettable
 1-6CAA Rectifiei, Comes on a a handsome durable simu. convenient storage compartment, Comes complete with
crystal microohone, 5 inch reet of tape and $7^{\prime \prime}$ empty Shpg. Wt. 46 los.
RK-109W Two-Tone Grey 5.00 Down Net 159.85 WO MATCHEO full range speakers for external 159.8 with RK-109 recorder. Gives added stereo coverage in
place of the 2 built-in speakers. Contains $2.10^{\prime \prime}$ that combine to form an attractive carrytng enclosures
to seare
 (1)ofleß.ikt TAPE RECORDERS


MODEL T-1500 HI-FI TAPE RECORDER-POPULAR SALES RECORD SMASHER!
 $0.8 \%$ - SIMPLIFIED KEYBOARD COHTROL - IMGENOUS PORTABLE DESIGH - WEIGHS ONLY 18 lbs.


NEW! MODEL T-1515-4 FOUR TRACK STEREO HI-FI TAPE RECORDER - Doubbes Stereo Playing rime And Quadruples Monaural Playing lime Per Roll of Tape Reg. Price 229.50 OUR SPECIAL PRICE $167.50 \quad 5.00$ DOWN

 MODEL T.1616 ELECTRONICALLY CONTROLLEO STEREO RECOROER


SPECIAL COMBINATION OFFER


Presenting the revolutionary LAFAYETTE PANASONIC
ONLY 2.00 DOWN
STUOIO QUALITY PERFORMANCE IN ONE SUPERB INSTRUMENT!

## Shpg. wt., PK- 449 WX <br> PK-449WX Extra plag

CK. $\quad$ Chertridge shell with necessary mounting hardware for PK. 449 . 1.69
 PK-503WX PK-449WX plus Audio Empire S-108 5.00 Down Reg. 84.00 Net 63.00
PK-504W Wood base for PK-449WX (Specify mahogany, watnut, blond,

SEASON'S SPECIAL - FAMOUS Lafayette TRANSCORDER and TRANSISTORIZED POWER AMPLIFIER/SPEAKER


NEW! "BROADCAST QUALITY" 4-SPEED TRANSCRIPTION TURNTABLE AND TONE ARM - 3 lb . Balanced $12^{\prime \prime}$ Aluminum Turntable - Rumble and Noise Better Than - 50 db - Speed Control Provides $\pm 7 \%$ Variation of Each Soeed. Wow \& Flutter Below $2 \%$ - Precision Lightweight 12 " Aluminum Tracking Even at 2 Grams - Automatic On-0fi Switch Buill Into Tonstable Counterbalance Weight - Perfect Tracking Even at 2 Grams - Automatic On-Off Switch Built Into Tone Arm Rest - Perfect For Both Stereo
and Monaural


### 49.50

 | tion |
| :--- |
| theother |
| deally |


 The oversize idiler disengages in off positions. A speed control allows for $\pm 7$

 atera, vertical movement. A plug-in head is provided which accepts most of


LAFAYETTE COMPLETE STEREO TRANSCRIPTION PLAYER

 MENT SCREW ON TONE ARM - RUMBLE AND NOISE - 40 DB - LESS T
Here is a modestly priced complete hi-fi, compatiber stereo pickup system,
designed against obsolescence. This top Gality manual player features a 5 -contact
plug in head to accommodate the latesi stereo as well as monaural cartridges.
The lightweight tone arm is an integral part of the maunting plate and requires plug in head to accommodate the latest stereo as well as monaural cartridges.
The lightweight tone arm is an integral part of the maunting ppate and requires
no installation Equally important in contributing to the excellent performance
of this system


LAFAYETTE $12^{\prime \prime}$ VISCOUS DAMPED STEREO TRANSCRIPTION TONE ARM



 quiet, heayy duty 4 -pole motor, with an exclussive magnetic brake tor instan.
tanoeus tine axiustment of each speed. Stroboscope disc also included. Smooth


$\qquad$

- accommodates most stereo momaural m-fi CARTRIDGES - RUGGED COMSTRUCTION - JEWEL BEABING SUPPORT © AUTOMATIC FLUID CONTAOL
BEARING SUPPort © automa
- PLUG-in CARTRIDGE Change



Feather-Light Stylus

- Oistortion Free From $20-16,000 \mathrm{cps}$
- Easy-To-Change Plug-in Diamond Stylus Assembly
 technical information



# BUILD YOUR OWN! LAFAYETTE Ruafly KITS 




## NEW! STANDARD GENIAC ${ }^{\circledR}$

* Over 400 Parts For Schools Experimenters
 You build up to 125 exciting "electric brain" machines. Has special
circuits for rorecasting weather. No soldering required. Comes com plete with extra pamphlets including 64-page "Simple Electronic
Brains and How ro Make Them." "Symbolic Analysis of Relay and Brains and How Yo Make Them," "Symbolic Analysis of Relay and
Switching Circuits," "Beginner's Manual," Machine to Compose Music,
Wiring Diagrams, etc. Complete with battery. $161 / 2 \times 113 / \mathbf{c}^{\prime}$. Shpg. wt., ${ }_{6}^{6}$ Kbs.
"DOUBLE" COMPUYES, REASONS, PLAYS GAMES GENIAC OESIIGN YOUR OWN COMPUTERS
105 Genisc contains over 800 parts. Two of everything in
the standard model. Offers the advanced experimenter
a far wider range of activities. Perfect for school a far wider range of activities. Perfect for school demen-
stration. Multiple setup is ideal for Science Fair projects
- submit one or more that test intelligence-cosigns. Build "endectric trains"
tecode-add, subtract,
multiply and divide--sofve aurzes-alay multiply and divide-sotve puzzles-play games- fore.
cast weather - reason in syllogisms - information and cast weather - reason in syliogisms - information and
logite No soldering required. Easily a ssembled and operated. 64 page
guide and reference book, heginners manual wiring diagrams and many extran pamphiets outlining proiects and methods. Complete with mounting rack and


## 20-IN-1 TRANSISTOR Experimenters Kit



20 p 10 BUILD - EDUCATIONAL - and ALL 20 projects result in a useful working instrument!

## transistok

 TESTER voice actuated photo timer aldio amplifier crystal set solar radio rain alarm TIMER one transistor RECEIVER10. cone practice 11. METROXOME 12. Two transistor receiver 13. ELECTRONIC GAME 15. photo electric relay 16. BL RGLAR ALARM
11. WIRELESS TRANSMITTER 18. RFGENERATIVE RECEIVER 19. CITIZENS BANI) MONITOR 20. A IFDIO (SSCIIIAATOR

## SUPER-SENSITIVE PHOTOCEII ELECTRONIC RELAY KIT



WITH CLAIREX CADMIUM SUL PHIOE PHOTOCELL ADJUSTABLE SUPER SENSITIVITY - WORKS WITH JUST A FLASH. LIGHT AT 250 FEET!
NEEDS NO SPECIAL HIGH-INTEN. SITY LIGHTS - instantaneous or sustained OPERATION ON THE FLIP OF A sWITCH!
12.95

Lalayette's latest achievement in a super sensitive photocell relay kit.
dieal for sustained operation requlred for burglar alarms, door buzzers, tor turning on porch and home ilights at ninght to distsourage prowlers When away in the evening. Excellent for instantaneous on-off operation
required for counters packaging, door opening, motor activation and
 push on the "RESET" switch opens the external circuit and turns off
the alarm. The unit operates on 110 polts AC and incorporates the the alarm, The unit operates on 110 roits AC and incorporates the
efficient 5823 cold
cathode tube, permitting longer life since there





## NEW! LAFAYETTE STEREO PHONO



- isolation transformer - separate volume controls

This is a complete 4 .watt hitfi stereo amplifier having 2 watts output
per channel. Features separate volume control for each channel; ganned
 ers and to reverse the channels. Just cisht for any use where a small
steree amplifie is required ideal for custom mounting in even the tightest locations; specially designed for small apartment sized stereo systems.
An isolation transiormer makes this circuit extra sade. other circuit features for better pertormance include application of negative reedback to
driver and output stages for wide-range fesponse and extra
Iow distortion.







## LAFAYETTE Easy-to-Build EDUCATIONAL KITS

## NEW! Lafayette's SUPER-TROL

## R/C EQUIPIMENT



NEW! LAFAYETTE 27.255 MC CITIZENS BAND remote control transmitier kit Kт-127 17.25

WITH . ODS \% TOLERANCE CRYSTAL TWICE AS GOOO AS WCL REQUIFES! OVER 1 MILE LINE-OF-SIGHT TRANS.
MISSION! EXCETIONAL STABILITY FOR FOOLPROOF









B8. 157 Burgess No. 2 battery
GERMANIUM DIODE RADIO KIT





BA- 157 Burgess $=2$ (1 needed)
(B) RADIO CONTROL RECEIVER: Completely
wired ond case moy be remaved if desired. De-
baots-or
signed to wither
 and actuatar connections. Ideal Companion for
F-249 Iransminter. Requires ane 1.5 V batitry ond
one 675 Voit battervise Size determined by use Measures only $3^{\prime \prime} \times{ }^{\prime \prime} 2^{33 / 4^{\prime \prime}}$ " $11 / 2^{\prime \prime}$. Complete with
tube and instructions. Less batteries. Shipg. wt. B az.
$\mathrm{F}-208$ $\begin{array}{lll}\text { F-208 } \\ \text { Botrerios } \\ \text { needed) required: } 84 & 130 \text { Burgess }\end{array} \begin{gathered}\text { Net } 8.95 \\ \text { UX45 } \\ 2.07 \\ 2.0 .\end{gathered}$ BA-157 Burgess No. 2 (1 needed) ....... 13 ea SPECIAL COMBINATION OFFER

7-IN-1 RADIO LAB KIT

## 0 2 10.45

- ONE TUBE BROADCAST RECEIVER - CODE BLINKER-LIGHT - CODE PRACTICE KEY - WIRE. LESS HOME BROADCASTER - SIGNAL TRACER - SINE WAVE GENERATOR - WIRFLESS CODE

With this smaller version of the $10-1 \mathrm{~N}$ - 4 kit, you can build
ony one of the? Curcuirs. 16 Page instruction boak shim sny one
fictorially how to wire quicklv and easily and explains
the Tundamentals of radio servicing. Perfect for for electronic-
fund ally minded youngsters. Kit is complete with earphone,
fisN7 tube, board, power transformer, selenium recti-
tier. resistors, condensers and all necessary parts. Less

## GIBER <br> GAREER-BUILDING SCIENCE SETS

FLUID DYNAMICS LAB SET


An exciting laboratory set for science-minded, do-it-yourself young.
sters. This complete set contains all the parts needed to make a ters. pist complete set contains all the parts needed to make a
water piston, syphon, force pump , pressure nozzle, and others. Make interesting experiments in hydraulics: diffusion, convection, air presunder pressure. Shpg. wt., 3 lbs.

G1BET
Electrical engineering set


Learn by doing. as he starts on a career in the vast electric industry.
This complete set offers dorens of tascinating electrical hook-ups The exciting experiments include: a telegraph code practice set, con.
ductance tests of various metals; miner"s lamp; lanterns; electric spider; electromotive powered car; OC motor: batteries; and much more. Shpg romotive

## 4 TRANSISTOR TELEPHONE PICK UP

 AMPLIFIERKIT Lafayette's new Super-Sensitive 4 Transistor Telephone Pick-up Amplifier with family to enjoy phone conversations. Invaluable on long distance calls. as well as for group listening on business calls and conferences. No need for exten.
sion phones! Just place the pickup coil under the telephone cradte case of metallict base, near phope receiver and you thl marvell at how or ioudy
and clearly the two-way conversation comes through the speaker. Uses trans. tormer coupling for optimum performance. the kit comes complete with all
parts including 4 transistors. 3 transistor audio transformers, speaker, volume parts including 4 transistors, 3 transistor audio transformers, speaker, volume
control, an attractive ripple-finish metalic cabinet, a precut metallic chassis

 $\begin{array}{llll}\text { BA-180 Battery } 9 v \text {. Burgess. } 2 N 6 \text { or eq. wt., } 5 \text { or. } & \text { Net } 14.95 \\ \text { MS.15 } & \text { Net } 1.30\end{array}$

## 2 TRANSISTOR POCKET RADIO KIT

- With Super.Selective Tapped Feritiloop

Prepunched Chassis For Easy Assembly 2 "Hot" Germanium Transistors Plus Diode A Natural For the Youngster

### 3.95



Enjoy the thrill uf constructing a compact broadcast radio with amazing performance. Make the first radio you build a modern transistor receiver
earn about the exciting world of semiconductors. An ideal, neat and low.cost tran sistor pocket radio kit for students, hobbyists, experimenters and beginners inter ested in a practical and basic hnowledge of transistor circuits. Employs the new
tapped variable Ferrl-Loop and a specially designed miniaturized 365 uuF variable capacitor for super selective tuning. Incluyes a Crystal Diode detector and 2 reliable
trans transistors in grounded emitter amplifier stages for maximum output. Will give good
reception up to 50 mile radius with approx. 50 ft . antenna and a good grourd. Com. peete with transistors, crystal diode, attractive plastic case, variable capacitor

 $\begin{array}{lll}\text { MS-111 } & \text { Crystal Earphones for KT-98 } \\ \text { BA-154 } & \text { Battery } & 11 / 2 V \text { BuRGESS } \$ 7\end{array}$

Gubert EREC-TRONIC TRANSISTOR SE
SafetyTosted

CILBERT
HALL OF
SCIENCE


Learn electronics principles and prepare for an exciting career in
this field. With this Gillert transistor set you can build 9 different radio sets-any one in only 10 minutes, without tools, soldering or special skills. You can also build your own broadcast station, code get easy-to follow templates, pegboard, jiffy-clips and step-by-step instructions.
$\mathrm{KT}-192$


## LIFAYETIE and MOTOROLA THE $M$ MOST M世世木



## LAFAYETTE INTRODUCES THE NEW MOTOROLA HI－FI ON THE <br> HIFAY <br>  <br> FM－900 CAR RADIO Features of the Finest <br> 125.00 <br> －TRUE HI－FI PERFORMANCE ARequency response battery drain less than half that of conventional auto e CONVENIENT UNDER－DASH INSTALLATION 50 to $10,000 \mathrm{cps}$ ．．．． 15 watt peak output．

 －STATIC FREE RECEPTION．．noise effects of circuits，automatic gain control，dual limiters plus automobile buitt mance be ised in any 12 volt domestic lightning and powerlines are screened out． － $6 \times 9$＂GOLDEN VOICE SPEAKER．．．．extra large 4.7 －AUTOMATIC FREQUENCY CONTROL 02．Alnico 5 magnet for increased power handling ca－virtuality drift free reception．pacity and magnificent tonal quality． －NEW TRANSISTOR DESIGN FOR UNEQUALLED PER．the deepest bass to sparkling clear fully variable from FORMANCE．．． 3 power transistors plus 7 tubes ．．．BUHTIN REAR SEAT SPEAKER CONTROL

## AUTOMOTIVE TESTING EQUIPMENT


（A）MOTOR ANALYZER
 a light，hand－held package．Ideal for do lit－yourseliers，
soorts＇car Rallyers，etc．The Analyzer enabies you to
 downs；locates poorly，ajjusted carburetor，sticky or
burnt valves，weak valve springs；checks valve timing， burnt valves，weak valve springs；checks valve timing，
chote，muffer，vacuum tank，manifoct，fuel pump
 ${ }_{14}^{14 W \times 49} 784 \times 341 / 20 \mathrm{D}$ ．Shpg．wt．， $51 / 2 \mathrm{los}$ ．
（B）REMOTE STARTER SWITCH Eliminates the reed of a second man when making compression，tuel pump，generator，starter，and elec．
trical tests．＇Permits the mechanic $i$ o crank the engine from any position．Shpg．wt．， $1 / 2$ io．
（C）MOTOR GUIDE－VACUUM FUEL PUMP TESTER
Combination motor suide，vacuum and fuef pump
tester 4 color 2ones Coasting and Idie．Promotes good driving habits and

（D）COMPRESSION TESTER Gives quick accurate reacings of compiession pres－ sparik plug hole and read pressure．24he＂dial reats to ${ }_{3}^{300}$ los．Stem is offset 150 tor reaching back cylin－ der．s．Complete with instructions．Shps．wt．， 12 Net ${ }^{2} .75$
（E）STANDARD TIMING LIGHT Employs the stroboscopic principle of light synchro－
nized
nith motion for
dotus
 ${ }_{A R} \mathrm{~m} .53$
（F）TACHOMETER Here＇s
 operated by two inexpensive penilight batiteries which
last about a year．Large dial reads 0.1000 and 0.5000

ing trucks and boats．
it operates as a completely independent from your AM CR23wx Shpg．wt．， 12 lbs．．．．． 5.00 down．．．．Net 125.00


S．O．S．Magnetic WARNING SIGNAL
1.79

A＂TWOYACED PARABOLIC REFLECIOR
NEW SUPER REFLECTIVE SUREACE No moving parts－sules－wires The simplest．most dependable and
practical safety device to protect you in emergencies．No moving parts－no wires or bulbs．Use on or off the car．Holds
magnetically to car in any position at any angle！ Warns traffic in both directions！Parabolic reflector is
highty visibie from front or rear！ldeal for hand sig． nalling！Makes a perfect road＂flare！＂stand it on the
metal plate furnished and position it on curved roads！It can＇t tip or slide！Completely effective in

case of tail－light failure！The sway of the arm kepps it | in continuous motion to insure pedestrian protection， |
| :--- |
| H0－677． |
| Shpg．wt．， 11 lb. | H 58.95

LAFAYETTE HI－FI FM TUNER FOR YOUR CAR not just another auto fm tuner！ LOOK AT THESE FEATURES！

Easy Plug－In Installation Converts Your Car Radio To Static－Free Hi－Fi FM
Program Material Received Free From Noise，Fading And Drifting
－FM Antenna Slips Over Present Auto Antenna，Fastens In A Jiffy

L-…
(2) Molded-in Pen and Pencil Holder


MODEL 2090 UTILITY HOUSEHOLD TIMER
2.95

Dependoble 1 minute to 1 hour timing. Rings photography or only household timing use
cooking, booking, home permanents, TV or radio cooking, baking, home permanents, TV or radio
programs. Attractive white finish. Shpt. Wt., MS -295:


For All 6 \& 12 Volt Batteries
Recharges Your RunDown Battery - Operates on Regular Household Current
Cuts Off Automatically


Recharges run. down botieries, -soto 1 amp charge
rate automatically
cuts off when tottery is full


## Rembrandt tv direction finder

- Receives Signals From ALL Directions -Without a Rotator! Supercharges Any TV Antenna-Boosts The Pick-Up Power Filters Out Interterence-Tunes Out Ghosts!
Rejuvenates "Old" TV Antennas
Ampifies The TV Signal
No Installation Problem

$$
5.95
$$



The latest television invention! Seeks out -and beams in those "hard-to-get" problem channels. Automatical
 polar-receiving pattern of your existing antenna and phases the ground wave picked up by the electrical antenna. Improves any existing antenna ind bor the
dort door, master or builtin. Boosts pick-up power of any
antenna-old or new. Just a flick of the selector conoo installation with any antenna - tor any rv se No installation problem -simply attach to antent terminals in back of TV set and plug into 110
$A C / D C$
socket. Complete satisfaction
guaranteed your money back. Stol. wt., 2 lbs.
AN. 140 List
In 10 O.95
of 6 ea.
Lafayette HOT CARGO Starts Your Car INSTANTLY


Starts Wet or Cold Motors Instantly Saves Battery and Gasoline

- Installs Easily and Quickly
- 6 and 12 Volt Cars

Avoid excess wear, and tear on your motor and battery
-install Lafayette's Hot Car. Go. Provides 5 times normal sparayette's Hot Car-Go. Provides 5 times the
nor stan starting in any weather, and


## AUTO SPEAKER KITS-ACGESSORIES

TYPE TIOI
7.77

Turns equipment "on" and "of "o once in 24 hours, or
from one to twelve "on" and "off"" operations o do y can be obtained by use of extra trippers. Min. on or
oft
time th re tox. on oft time
the hours. May be be turned on or off manually with reset sST switch roved
of 35 amps. 4000 wot copocitr Gray steel cone - UU




MODEL A4OI CLOCK TIMER
Not only tells time, but turns appliances on and off
automatically for per
aids of 155 minutes to $5 / 2 / 2$ hours Cooks dinner, wakes you to music, controls tons, TV,
odis - just plug it in and set. Capacity 1650 walt.



FM ANTENNA



REAR SEAT AUTO SPEAKER KITS
6x9" KIT WITH CHROME OR GOLD GRILE
$\qquad$
 switch for cutting in front, rear, or both speakers;
dial plate with mounting bracket, knob, and
hardware: dial plate with mounting bracket, knob and hardware;
chrome or gold rite; wire; and wiring instructions.
simple

 Same as above but with deluxe speaker with extra-
heavy Alnico $\checkmark$ magnet $(2: 15$ or.) This is same speaker
 sk. 197 With gold grille grime ........et 4.65
 Rear-seat speaker kits identical to above except with fader-type controls to cut either speaker in or out or
balance both. Shpt. wt. 5 loss



和"" speaker, plus
 SK-201 With grille grill ge
dual hi.fi rear. seat speaker kit "Universal" speaker kit includes two Alnico $V$ units
and $51 / 2$ " woofer and 3 " tweeter with electronic cross.
 position switch. Kit comes complete with an assort
pent of adapters and connectors plus ai universe

 Soto. Dodge and Prim. 49.54 and 57.60; Ford 59; 010
49.5. Pint. 49.57 .



PHOTO-ELECTRIC 'LUMINAYOR

- Automatic Light Switch
- Lights on at sunset -off at sunrise


 ms. 780


## NEW! LAFAYETTE AUTOMATIC

$\qquad$


- Omni-Directional

Provides excellent gain for areas up to 35 miles from Provides ese assembles and installs in min tor as an
the station. Asses - new installation - or ar s on existing master - new instal
ontic installation. Gold anodized aluminum for years
and attic installation. Gelation Exceptionally light-sturdy
of trouble free op er design. Capable of receiving FM sign ail design.
call all directions with equal efficiency. Comp St as. wt.
AN- 66



## EXCEPTIONAL VALUES FOR EXPERIMENTERS AND HOBBYISTS

## LAFAYETTE ACCORDION MICROPHONE

allows electronic amplification of your. accordion - perfect for group playing in LaRge halls, audio effects, tape recording, etc. - Ideal for Beginners or Professionals

- Easily Installed
- Complete with Tone and Volume Control

5.95

Nectronic am ouners may enjoy all the advantages of noise picked up by a conventional microphone. The




 | fects", (echo, vibato, etc.). Alone, it provides a direct |
| :--- |
| pickup for tape recording, eliminating tine extraneous PA-101 |




Latayelte makes history with a high quality CRYSTAL
MICROPHONE at an MICROPHONE at aprice that is $60 \%$ ess thy ans acom.
parable Crystal Microphone on the market today Ex. parable crystat Microphone on the market today. Ex.
ceilent for PA systems, home recorders and general applications. Freauency' response 30 to 10,000 cycles.
Output level 52 doc provides ample Outpur level-52 db provides ample oulput for use
with low gain amplifiers. Uses quality moisture sealed
 with chrome grill. Completely, equipered with 5 feet of
Shielded cable. Mike may be used
 ${ }_{4}^{41 / 2.24}$ Shpg. wt., $31 / 2$ las.
 ngt

DYNAMIC MICROPHONE WITH DESK STAND
-40-13,000 CYCLES
dUaL Impedance-250 e 50,000 OHMS

- extremely vensatile
 $40-13,000$ cycles. Sturdy cast-metal tapering body; detachable triangular cast base
has 3600 ball-and socket joint. PA. 104 can be hand. held or used with desk or tloor
stand Buit-in external slide stand. Built-in external slide switch enables choice of either high impedance 150,000
ohms) in aquamarine. Size: (without stand) $5^{\prime \prime}$ long, $11 / 4$ " diam barrel; (stand) $3{ }^{2}$
PA.104. $1 / 4^{2}$ high. Shpg. wt., 1 lb . Net 0.75


SMALLEST DYNAMIC MICROPHONE

### 3.95


Latayette now oresents this tiniest dynamic microphone,
especially
designed for miniaturized
build-f t-yourseli especially designed tor miniaturized build-it-yourself
semiconductor circuits, hearing aids, etc. About half the size of a postage stam, this unit tevertheless has an
output level of - 75 do at 1000 cos and is ruggedily constructed. Impedance ( 1 kc : 800 ohms, case-to-wind.
ing resistance: greater than 10 meg. ing resistance: greater than 10 meg. 24 huor "ymmeter" digital read.out clock with 10 min .
utes station call reminder. . Buzzer sounds every 10 min.

 dome shaped, full vision window slows in the dark. Wal.
nut tinish case, $4 \mathrm{HX73/4} \mathrm{~W} \mathrm{x}^{4} \mathrm{O}$. UL

Same as above in all respects, exceot 12 hour "Tymer"
instead of
ML-217


A miniature wavemeter for checking transmitter output. Determines relative
strength of and in so doing aids in elimination of these unwanted emissions. Complete and self contained, the TM- 15 requires no power source. Telescoping antenna is in panel meter indicates the presence of RF. If indications occur at several points within the range of the waveeneter, the transmitier is probobly radi-
ating sourious frequencies. Tunes 1.6 to 150 mc in four calibrated bands.
 TM-15 banana plug and is removable. Total shpg. wt., 802 . Net 8.95

- For indiriducative tor miles on one wire! - Det hor Nework Practice An ideal communications Instrument that, ctan
An ideal communications Instrument that, can be set up, with others, for
network practice in classrooms, groups, house to house, etc. Adjustable spring tension and contact clearance. Crystal earphone-high outpot-lightweingt.
Molded Bakelite base. Lightweight, only 6 oz., yet designed to give good Molded Bakelite base. Lightweight, only 6 oz., yet designed to give good
stability while in use. Complete with 50 it. of wire on reel. ground spike, stability while in use. Complete with 50 ft . of wire on reel. ground spike,
Rround wire, earphone and Morse code sheet. Uses 1.5 V battery (not includ.
ed.). Overall $41 / 4 \times 4 \times 1 / 2^{\prime \prime}$ nigh. Shog. wt., 1 lo.

 | Net 2.95 |
| :---: |
| Net |
| 13 |

## NEW! "STORAGE CELL" for TRANSISTOR RADIOS! ONE CHARGEABLE BATTERY OUTLASTS 100 CONVENTIONAL BATTERIES <br> - Replaces 2U6, 216, BL-006P and BA-2 - Fluid Storage Type-Can't Leak Out - Plays about 15 Hours on One Charging <br> - Battery Recharges Overnight <br> - Battery Can Be Used Over and Over Again <br> oniv 2.69

The next best thing to a battery that will last a lifetime-this battery
 life is based on 2 new reatures: 1. A tine storage battery that cannot
have lluid leakage; 2. Recharges ovenigh just olug the battery into
the charger, the charger into your electrical outlet. Let it charge for the charger, the charger into your electrical outlet. Let it charge for

1. 12 hours. it cannot burn out on recharge. After charging. the battery is good for about 15 hours of playing time. When the battery
runs down, just charge it up and it 's reaty to play. Will outlast more
than
 F-619 Battery, and Charger
BA-8 Battery Replacement for


JR. TUBE CADOY
Holds up to 143 tubes. Has com-
partment
for instruments and parge tools and 3 section com-
partment for small tools, wire partment for small tools, wire
etc. Wood case with plastic etc. Wood case with pastic
coated fabric covering. $153 / \mathrm{W} x$
$121 / 2 \mathrm{H} \times 8^{\circ} \mathrm{D}$. Shpg. wt, 10 lbs. $121 / 2 \mathrm{H} \times 8^{\circ} \mathrm{D}$. Shpg. wt., 10 lbs .
$\mathrm{ML}-75$ SENIOR TUBE CADOY Holds up to 262 tubes. Large
compartments compartments to store instru-
ments and tools. Wood case with ments and tools. Wood case with
gray plaid covering. $21 \mathrm{~W} \times 15 \mathrm{Hx}$
$8^{\prime \prime D}$ Shpg $8^{\prime \prime D}$ D. Shpg. wt., $111 / 2$ lbs.
ML- 112
page 28

NEW! Lafayette transistorized
FIELD STRENGTH METER eliminates guesswork FROM ANTENNA TUNE.UP

## OMLY

- Protessional type fs meter 14.95
- Enables increase of signal strength
- Earphone jack to monitor audio
- Can be used remote from antenna

Now you can odtain maximum power output, for naximum talk-power signal strength, fiom your citizens Band Transmilter. In view of the 5 watt legal input, It important to get maxinum power from your antenna. The Latayette Yransis Torized Field Strength Meter enables you to tune your anienna and transmitter
for maximum outpuf. It eliminates any doubts as to antenna efficiency. Ooerating power is obtained from an inexpensive $11 / 2$ volt flashlight battery enabling use power is obtained "rom an inexpensive $11 / 2$ volf flashlight battery enabling use
remote from the antenna. Battery-life is exceptionally tong, apporoaching "shell-life." Field Strength read on a clearly marked milliammeter. Comes with a iack for insertion of an earpiece for monitoring audio quality of your transmitter, In an attractive metal cabinet
parts. Shpg. wt. 2 lbs.

Migh output crystal earpiece for use with TM-16.
MS.439



Tells world time at a glance. Self starting, ac-
curate electric clock. Tells world-wide as well as curate electric clock. Pells world-wide as well as
local time. Calibrated in hours- 1 to 24 , minutes and seconds -1 to 60 Reads universal military time in any zone, Quickly, easily and accurately.
Polar projection dial adjusts for various time Polar projection dial adjusts for various lime
zones. Black dial with white graduations. Chrome
olated case ul. plated case. U.L. approved. $110-120$ V. 60 cyc. AC.
Shpg, w1., $11 / 2$ los.
ML-210 including excise tax

LAFAYETTE


Enioy the pleasure of handiting phone patch traffic Walance between 500 ohm line and station equipment.
bybrid circuit allows use of AM or SSB with vox Hybrid circuit allows use of AM or SSB with VOX.
Edgewise VU meter continuously monitors line level. All controls on front panel. Mull, GAlN, Hine ON-OFF,
PATCH-MIC switch and OPERATE. NULI meter switch PATCH-MIC switch and OPERATE. NuAL meter switch,
When VOX is desired, receiver signal at transmitter output is nulled out on meter to signal at transmitter in operation. Compact, slopirg cabinet will fitt into
any station arrangement sits on 4 non slip rubber


## aCCURATE SWISS STOP WATCHES



INDUSTRY, SCIENCE AND LAB. Ideal for industrial time-studies Easy-to-read outer
dial divided in $1 / 100$ of a minute, registering up to one minute. Inner dial graduated in minutes and registers up to min hands back. Push button, for timing out,
brings Dooth hiessures on the
crown will conseculively start crown will conseculively start siop and again start
the timer. Dependable 7 -jewel' movement. Shpg. w1., The tim
F. 66.4

SPORTS STOP WATCH
Similar to the one above. Large band registers $1 / 10$ of a second, up to sends, small hand in minutes,
up to 15 . start, stoo, and go on from crown instant back to rero by push bution. Accurate 1 jeiewel move.
ment.
f. 665

## afayette LEADS IN TAPE RECORDING VALUES!


lafayette quality is backed by our money-back guarantee

LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE YOU BE THE JUDGE! Lafayette's tape is made ty outstanding nationally known

manufacturers. It is first quality, splice free, red oxid coated, with full frequency response, uniform output and no "drop-outs". Resistant to moisture, heat, cold We guarantee atsolute satisfaction or your money back. the price, if for any reason you are dissatisfied, return |  | the tape in 30 days and we will refund your money. You | RT-10 | 1200 | $7^{\prime \prime \prime}$ | 1 | $11 / 2$ | 1 | 1.35 | 1.59 | 1.20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |



LAFAYETTE ACETATE BASE RECORDING TAPE
Acetate base magnetic recording tape with unitorm
tandard red oxide coating provides wide range idelity response over the audio spectrum. Features oise free reproduction, low abraslon and uniform out.
 No.

AFAYETTE MYLAR BASE RECORDING TAPE As Low As 1.42 Mylar base is especially strong durable and break re sistant. and is virtually impervious to heat, cold or
 RT. $\begin{array}{cc}\text { RT. } 19 & 900 \\ \text { RT. } 12 & 180 \\ 1800\end{array}$

EMPTY PLASTIC REELS



stereo level balance control - Dual Concentric 8 ahm L Pads - Logorithmic Curvo

Provides individuol level control for
storeo speakers. Varies
Ibrilionce. or





deluxe stereo level balance control - Dual Concentric 8 ahm LPad - Logarithmic Curvo

Two phono iockz enoble you to pluy i,
 Up. Control move, dermaneminentry

3.95
 knob to plote $\mathrm{I}^{\prime \prime}$; Overoll depths $33 / \mathrm{Ga}$. ${ }^{\text {Shipping weight }}$ it. VOLUME CONTROL ADAPTER
STEREOLINE BALANCE 98

 input to phono plug output. Completely shielided;
Desif need for use in unbalanced stereo channels;
 MS.770.

| VOLUME CONTROL ADAPTER-Same as MS-770 above except has phono jack input to a 2 -con- ductor standard phone plug output. Shog. wt. 6 oz . MS-769 <br> Net 1.10 |
| :---: |
|  |  |



LAFAYETTE TAPE HEAD DEMAGNETIZER





## LAFAYETTE BULK TAPE ERASER AND DEMAGNETIZER PROFESSIONAL MODEL <br> STANDARD MODEL



# STANLEY TOOLS built for the Professional LAFAYETTE PRICED FOR EVERYONE! 

## STANLEY Heayy Duty SABRE SAW



Cuts flush to a wall
Full \%/"' stroke - $\mathbf{3 3 0 0}$ strokes
per minuto
Anti Vibration Mochanism

Reg.
4695 Now Stanloy Hoory Duty Sobre Saw-rpoged onough io .

 ESTANLEY 1/4" POWER DRILL



$\qquad$
"Fberglas" Mandip
30\% Mere Drive
3 Roplacadblo Faces

| - Powerful Tool Holdors <br> - Three Sires | M |
| :---: | :---: |
|  |  |
| 3 Pe as low as 2.35 |  |
| Toring |  |
|  |  |
| dipping odegreasing ploting-drying. Make up yewrown mognetic iigs. Powreful Alcemox megnets be- |  |
|  |  |
|  |  |
|  |  |
|  |  |

##  <br> 





- Mow-Extermal Sights - Mow-Motal Mirrer Cartior

Amazingly accurate now mopely a leveling device. It is a preceizion instrumem that " will indicote tevel and measure a
minimum of $1 / 9^{\prime \prime}$ rixe or fall of $25^{\prime}$. The Hopsy Split minimum of $1 / 0^{" r}$ rike or fall of $25^{\prime}$. The Hoppy Split
Image Transit makes present day bubble and string



Worts equally



2.79




## 

and 1


25-PC. DELUXE TOOL KIT


Mardened. terapered olloy. Heel tools for hondy vee in





NEW! Knicknack CABINET - 18 Drawers- each one $5 \% /{ }^{\prime \prime} \times$ 20,


## ELECTRA- SPRAY <br> Foolproof Spray Painting Includes New Viscometer 7.46

Soravs every kind of sprayoble point on liauid odius.
oble, ieweled nozsie provides fine, medium or coarse


 consistency-regordess of brand-very time. Com.




## SCREW-MATIC 3.96


(A) 10 pe. Power Loring Set: For (D) 29 pco ority set
(D) 29 PC. Oritil set: 29 ihrom
(G) Wod screw Counnersunk set:


 (B) Adiustoble Hole Sow: Forl \% (E) a pe. Utility Kht: Grinds, Dol. (H) SANDANG AND POLISHING KIT




 sors, wood bits, etit. Difill hoid ori it mor bo scrowed io dritl spindice. In power drill or drill prosss. Cuts any





## Announcing THE SENSATIONAL NEW LAFAYETTE TE-15 TUBE TESTER

The Most Extraordinary Test Instrument Value We Have Ever Offered!

COMPLETELY WIRED - NOT A KIT

- Accurately Checks Over 1000 Different Tubes
- Tests for Cathode Emission, Leakage and Shorts plus Filament Continuity
Completely Portable - Weighs Only 6 lbs.
- Highly Accurate Easy-to-Read Meter with Replace - Good Scale
- Fast-Setting Slide Switches
- Slide Out Tube Chart

NEW! 20,000 OHMS PER VOLT MULTITESTER

20,000 I/v DC SENSITIVITY
10,000 g/V AC SENSITIVITY
$40 \mu \mathrm{~A}$ MOVEMENT • $1 \%$ RESISTORS
0-0.6 VOLT DC RANGE
COMPLETELY
WIRED
28 Ranges
 micions, sericiem on,




 amanawaym


20,000 OHMS PER VOLT MULTITESTER

- 20,000 OHMS PER VOLT DC - 10,000 OHMS PER VOLT
- 40 MICROAMPERE $3^{\prime \prime}$ D'ARSONVAL


### 13.50

 METER MOVEMENT - HIGH INPUT RESISTANCE ONALLDC AND AC RANGESeotures found in the mast castly the extro luxury visibility is provided by the large $3^{\text {in }}$ metrumerts with Easy
cotor scales. The 40 micro-ampere metrer mive permits a high input resistonce on oll ranges: 20.00 ohms per volt on DC ; 10,000 ohms per valt on AC . This
plus $1 \%$ tolerance resistors ollow the measuring of
valtoges without voltoges without unduly looding the circuit, thus pre
serving the occurocy of the readings serving the occurocr of the readings
Besides the extreme sensitivity and instrument, it feotures ranges not found on onther com
petitively priced VOM's. Measure pelifively priced VOM's. Meosures $0.10 .50 .-250-500.1000$
OC volts, $0-10-50.250-500.1000 \mathrm{AC}$ volts. $0.10 \mathrm{~K} .100 \mathrm{~K}-1$ meg ahms, $\mathrm{O}-500$ microomperes. $0.10-250$ milliamperes
-20 to 36 decibels, PLUS 1 wo special ranges 0.5000 henrys inductance ond 250 mmf to 02 mfd copocity Emplays one standard $11 / 2$ volt pentight battery. Size

## NEW LOW PRICE-

 Lafayette MINIATURE S" METERreg. 3.95

### 2.95

- Jewelled Bearings - Clear Plastic front - Accuracy 2\% of full Sc - High Quality D'Arsonval Movement Lofayette reduces iss low, price an
able wrap-around plastic tse ongle readobobility. Plastic front pa
ponel;
pewello adiustnen "'s."et units from bearing moveme +10 ond trom $\mathbf{0 . 9}$ with the sta
brotions of 0.5 alibrations. Additio Silvered diolss black numerals a dial face; $11 / 4$ i, overal numerals behind and
omunting screws. Shog. wet., 8 oz.




# OUTSTANDING VALUES in TEST EQUIPMENT-Kits and Wired the lafayette Peak-to-Peak NEW LAFAYETIE V.T.V.M. KIT 



WV-3BA(K) VOM KIT

KIT 29.95

WIRED 43.95

$39^{95}$
Lusurpas EASY-TO-BUILD KIT FORM



In Every Respect a Professional Test Instrument-Engi
neeered to meet and exceed the rugged standards, accu
DELIVERY APPROX. JAN. 10, 1961

## EIGD KITS AND WIRED TEST EQUIPMENT EICD


T.159 MODEL CRA PICTURE TUBE ADAPTER Model CRA. Adapts No. 625 and No. 66 or similar Tube
Testers tor checking in slies of TV poicture tubes. Mea.
Tures cotho emission tects for filament continuity sures cathode emission. tests for filament continuity; pir socket, octal plug-in connector and 4 -ft. cable to
permit testing tube without removal from set. Shpg. Ut. 2 I
TE-1 60
$T E-175$
$\qquad$

## DELUXE SIGNAL TRACER

 neiss hoth visual and aural monitors. With shielceir RF
cressal demodulator, valuable noise locator circuit,
 scpope. Triode input circcitit for exireme low orise. Hum
frree operation. Complete with rall compnnents and
 TE-216
Model
TE. 217


MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER





$$
\begin{aligned}
& 2.00 \text { Down } \\
& \text { Ki.-176 } \\
& \text { Model 232. As above, but factory wired and tested. } 29.95
\end{aligned}
$$

$\qquad$



## 2 <br> 25 10

## s



set
Variably lit graphed 5 ." scren. very
ance. Compinput imped.
for easy assembly. $13 \times 81 / 2 \times 16^{\prime \prime}$. For $105-125$ vac.
$50-60$.cycles. Shpg. wi., 30 liss.
TE-222wX Kit



Mod
RF MODEL 324K


$\qquad$
$\qquad$

MODEL 950K R.C.
BRIDGE \& R.C-L COMPARATOR
Latest bridge-type professional instrument reaturing
the valuable
camparatitance, resistance Range ford

 factor. Kit includes precision calilirating resesistor. Uni-
aue comparator ranke has ratio from 0 O. to 1). Leakage testing of all capacitors at rated dc
working voltage with internal (variable) 0.500 vdc sourree Electron.ray tube as both briade balance and
capacitor indicator. Attractive, durabie case. neat wt., 8 bs
TE (214 Ki
T
$\qquad$
MODEL 1140K SERIES-PARALLEL
R-C COMBINATIONS BOX
 with additional switching facilitites that permit selec.-
tion of any resistance alone. any capaitance alone, or
tany combination of resistance and
series or arallitel. Alsso open circuit and short eitrcuit
positions. same specs as 11100 and 11120 . With
and
$\qquad$
Simpson MODEL 260 SERIES III AC-DC V-O-M
N
MODEL 1060 K "EXTRA-FILTERED
BATTERY ELIMINATOR \& CHARGER
 vacuum tubes. Selection of voltage range automatically
provides appropriate current range. Fused transtormers
 ings. Ranges: high range $=0.16 \mathrm{~V}$. $1.5 \%$ ripple at
amps. $2 \%$ at 6 amps: 6 amps continuous. 12 amps

 Shpg. wt., 19 libs.





 reclifiers. All silicon reclifieis. All sermanium diodes.
The Suoer inclucing complete operating instructions, fiexible test
leads and streamlined carrying case $16 \times 11 / 3 \times 51 / 2$

## SUPERIOR TW- 11 TUBE TESTER


featuring
separate scale FOR LOW. CURRENT TUBES
46.55
rests at tubes inciuding $4, \mathbf{5 , 6 , 7 ,}$ octal, lock-in
peanut, bantam, hearing aid, Thyratron, minature, sub
 Uses the new self-cieaing lever action switches for
individual element testing. .te user can instantly iden-
tify which element is under test. Truly tests tubes with tify which eiement is under test. Proly tests tubes with
tapped filaments as any of the pins may be placed in
the neutral position when necessary. Individual sockets the neutral position when necessary. Individual sockets
tor each type of tube No combination sockets used.
Built-in roll chart provides complete data. Line voltage control compensates for variations between 105 and
130 volts. Jack on front panel for plugging in phones or amplifier to detect noise.
operates on 105.130 voits, 60 cycles AC . Housed in a
durables Texon case. $114 / 2 \times 13 \times 6 \%$. Shpg. Wt., 15 lbs .


## (2) LAFAVETIE Unbeatable P.A. Equipment Pricest <br> ALL LAFAYETTE AMPLIFIERS ARE GUARANTEED FOR ONE FULL YEAR




\section*{| LAFAYETTE'S | 25-WATT DRIVER UNIT |
| :---: | :---: |
| Fits All Trumpets |  |
| And Projectors |  |
| +0.00 Value |  | <br> $\begin{array}{cc}\text { LAFAYETTE'S } & \text { 25-WATT DRIVER UNIT } \\ \text { Fits AII Trumpets } \\ \text { And Projectors } \\ +0.00 \text { Value }\end{array}$ <br> $\begin{array}{cc}\text { LAFAYETTE'S } & \text { 25-WATT DRIVER UNIT } \\ \text { Fits AII Trumpets } \\ \text { And Projectors } \\ +0.00 \text { Value }\end{array}$ <br> $\begin{array}{cc}\text { LAFAYETTE'S } & \text { 25-WATT DRIVER UNIT } \\ \text { Fits All Trumpets }\end{array}$}



Lafayette MODEL PA-61

20-WATT PA AMPLIFIER $42^{50}$
ontoins feotures found only in the lorger, costlier omplifiers. Th 0,000 squore feet when used with trumpel type speokers-ideol for equipped with 2 -speaker output sockets. Complite with well van
ent
ent SPECIFICATIONS: FREQUENCY RESPONSE: 30 to $15,000 \mathrm{cps} \pm 2 \mathrm{db}$ OWER OUTPUT: 20 -wotrs CONTROLS: Microphone, Phono Bois: High impedance output for coupling booster ond omplifier. GAiN:
 ION: 75 wo 17 lt $8^{\circ \circ} \mathrm{O}$. Shps
PA-6IWX

4-SPEED PHONO TOP
For above omplifier. Fits in ploce of cover. Ploys ot speeds-78, 45
$331 / 3$, ond $162 / 3 \mathrm{rpm}$. Hos constont 4 speed motor, with turnover cort



## 30-WATT MOBILE OUTDOOR SYSTEM

## - FOR 6V-12V BATTERY OR $117 V$ AC

- WITH OR WITHOUT 4-SPEED PHONO TOP


AS LOW AS 145.50 ONLY 5.00 DOWN moind systems for the price of 1 . with plenty of power for an job, whether
mobile or indoor. Provides coverage for areas up to 100,000 square reet. Operates from any 6 volt or 12 volt autombile, truck or bus storage jattery ir from $110-$
130 volts 60 cycles AC; 30 watts OUtput. REMEMBER: THE AMPLIFEU IS UNCONDITIONALY GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKNGNSHIP FOR
1 FULL YEAR. AND COMPARE OUR PRICE! COMPLETE MOBILE SYSTEMS INCLUDE: The Lafayette MOdel PA. 64 30-watt mobile amplifier complete; a set of AC and battery catles; your choice of 2-Latayette
PA. 57 driver units and University PH reflex trumpets or 2 - Electro-vaice 848 CDP 30. watt compound diffraction projector wide-angle horns; your choice of the
Latayelte PA. 31 Lafayette PA-31 wide-range crystal microphone with on-off switch. lawatier cord
and bracket and 7 cable and cormector, and wimh swivel-type mike stand adapter, for chest, hand-held or stand use-or, the delixe Electro. Voice 647 lavalier dynaHuc mike with
use; PLUS 2
phono 85
PA.236wX Complete 30 watt mobite outdoer system with PE 6430 . Phtier less phono top: with AC And outdoor system with PR-64 30 -watt mobile am
and 2 --University PH trumpets, $2-35^{\circ}$ spaberes, 2 Lafayette PA-57 criver units A. 31 microphone
Pa Ph-237WX Same as PA-236 WX except with E-V 647 mike
Pa-238WX Same as PA-236 WX except with 2 E-V 848 COP 30 watt
proiectors
proiectors S Same as PA. 237 WX except with 2 E.V 848 CDP propectors
PA-239WX
PA-240WX Same. as PA.236 WX excpet with 4 -spred phono top





MODERN SPEAKER BAFFLES
 Friieze-desiogn grille cloth, modern wolnut finish.
SINGIY LOIS




$$
=
$$

LAFAYETTE PA VALUES SPECIAL 12" \& 8" P. A. SPEAKERS



## NEW ! 12" WIDE-RAN

 Seamless ConeSeamless Cone
Response $20.14,000 \mathrm{cps}$
Response $20.14,000 \mathrm{cps} 14.95$

DeLUXE EITETIME GUARAWTEED. . Protessional Wechanies Highest Quality!


11 SETS IN ONE - - A LIFETIME SUPPLY
A complete, all-purpose professional quality tool set of chrome alloy steel. Save now on all repairs
for auto, home, farm, TV, radio, boat ... any reoair job. Everything you see in the picture is yours. 113 pieces in all. Look at what you get:
19 pc. $1 / 2^{\prime \prime}$ scuare drive set; 14 -pc. $1 / 4$ " square drive 19 pc. $1 / 2^{\prime \prime}$ scuare drive set; $14-\mathrm{pc} .1 / 4^{"}$ square drive
$H 2.727$


TURNER PROPANE MULTITORCH KIT - Fast Flame Torches List 9.95 - 6.95

The popular multipurpose Turner Torch includes every
thing needed for a wide variety of jobs. Propane fast thing needed for a wide variety of jobs. Propane fast.
flame fuel tank, plus burner assembly with pencilpoint soldering tio, flame spreader, spark lighter. All
conveniently packaged in an attractive metal chest. Shpg. wt., $6 \mathrm{~F}_{2}$ los.

## HOT BLAST PAINT SCRAPER

 Oesigned tor one.hand operation. A single inexpensivetool that bisters any scrapes several layers of old paint. Staimess steel head. Shpg. Wt., 4 los.
HD-875
List 9.95

TURNER FAST FLAME FUEL Fits all makes of propane torches, heating appliances
and lightirg equipment, I.C.C. Approved, with 1 "threaded top and satety yalve.
hD-877 List
set; 6 -pc. box wrench set; 6 -pc. open wrench set;
24-pc. ignition set; 14 -pc. hacksaw and blades: 4.pc. chisel set; 9-pc screw driver set with chuck handle; 8 -pc. hex key set; 7 -pc. $3 / 0$ square odrive
set; hip.roof steel tool chest with lift-out tray. Shpg. wt., 2 lits. Shpg. wt., 21 los.

Net 39.95
dow

## G-DIEI ELECTRIC COUNTER



Ideal for Industrial Uso
Registers from 1 to 999,899
Compare to $\$ 20.00$ Units!
9.95

Imagine a, 5 -digit electric counter for only 9.95! This compact unit features a removable front plate for easy
panel mounting. May be actuated by any switch, relay, etc Operates in any position. White fifures on a black
background read up to 999,999 . Built-in selenium rectioackground read up to 999,999 , Built-in selenium recti-
filer, oc operate solenoid, chromepalate case and pantl,
 Front plate 356x2". Shps
F. 553 Electric Counter
 Precision, swivel, turrent vise for the machinist-technician-hoobyist. May be clamped-on or bolted
to bench top. Twin, smooth faced iaws open to maximum of 2 .. One set $11 / 2^{\prime \prime}$ wide, the other set 27/ wide. Small, stationary jaw is V.grooved for
gripping round stock. Positive lock in both swivels.
g los. Shpg. Wt.
H0.848


- JEWELERS TYPES
- INSULATED HANDLES
- FULL POLISHED CHROM

3.8 PLATED
Matched set of precision pliers for the technician-hobby-
ist-model maker-craftsman. Particularly suited to minia ist-model maker-craftsman. Particularly suited to minia-
ture electronic work. Size and handle shape matened for accurate exacting work. Overall length approximately $41 / 2^{\prime \prime}$. Set includes combination side cutters - flat nose
- charn nose - round nose - round flat nose - di agonal cutters 二 and cutting nippers. All have insulated, cushioned handles. Orop forged from tool steel. Pre-
selected types for a diversity of use. Extra heavy, polyselected types for a diversity of use. Extra heavy, poly-
vinyl. roil up case. Clear view pockets. Can be rolled
for easy carry-or hang above bench. Shpg. wt., 1 tb. $\underset{\substack{6025 . \\ \text { HD. } 681}}{ }$


400 COMPLETELT portable NOT A FLIMSY "VIBRATOR" SPRAYING DUTIES
Here is a precision-built complete paint-sprayina out yet priced for the homeowners. With integral $1 / 4$ H.P. motor compressor unit, not a vibrator. Now it's easy to do a professional-looking paint job, 4 times faster than
with à brush. Use it for other spraying or blowing duties too. Sprav adjustable from a dime size to $10^{\prime \prime}$ wide. Features an easv-to-use two-finger trigger gun; the body
is guaranteed to be unbreakable. With 6 ft . cord, plug and 8 ft of hose. Shpg. wt., 15 los.
H0.415-List 39.95

MULTI-COLOR KITS: For best results in spraying multicorzle. Designed specifically for modern multi-color paints. Shpg. wt., 402.
H0.675
AlR TOOLS MIT. For -intan............... Net 2.10 AIR Yools KIT: For inflation and dusting. Includes
chuck for all tires-attachment for footbalts. voliey
balls balls, bashetballs. etc. Rubber toys, pools, air mattresses. Plus "dusting" attachment. Shpg. wt., 4 oz.
H0.676


Easy-to-mount rugged counter for counting machine oper-
ations. One count per stroke. Orilled mounting flange actuating arm and spring. May be manually or solenoid actuated. Reads up to 99,99 ; side knob easily resets to
zero from any number Overal size: $21 / 2 \times 1 / 2 \times 1$.


## NEW Swingline

 \# 101 Stapler Gun - HIGH COMPRESSION MOD- STAPLES WITHIN 1/6
- OF CORNER

100\% JAM PROO - OPEN CHANNEL LOADING
 Revolutionary, new staple gun with tremeadous, pite driving action. Delivers as much driving power as ma-
chines twice its size and weight. Highly maneuverable chines twice its size and weight. lighty maneuverabe hardened steel construction. Rust proof, bonderized tin.
ish. No oilling reguired at any time Uses two staples ish. No oilling required at any time. Uses two staples
sizes $-4 / 16^{\prime \prime}$ and Yo"-with no mechanic 3 changes. Used in carpentry-woodworking-fencing-upholstery Use
display work-insulating -screening - weather stripping

- etc. Built in tapte extractor. visible staple load etc. Built in staple extractor. Visible staple load
indicator. Handle locks flush when not in use. Complete indicator. Hande locks nush when not in ust.
with package of 3 ." staples. Shpg. wt., $11 / 2 \mathrm{lvs}$. HO-322 List 4.95
HD -323 PKg. $10604 / 16^{\prime \prime}$ staples


telechron timer SWITCH
Tern on any Appliance up to 1650 watts.

Gent. Can be set to turn on any rate 24 nour move electrical appliance at any preset time. Gold finish dial
swlack leftering. Timer sets switch in front. Size $31 \nu^{* \prime}$
extents square. $13 / 4^{2}$ dear. On-off-auto
 volts. For $110-120 \mathrm{~V}, 60 \mathrm{cy}$. AC only. Shpe. Wt.in 2 los.

TELECHRON TIMER SWITCH Radie - TV - \% 12 Appliance Timer
CD Minute Sleep Swith Simple Instaliation Rated to Handie 1650 watt had
Etficient
Accurate Time Contral 5.40 Automatically turns on radlos-TV sets-tape recorders
"ham" rigs elecrical appliances-at any preset time
in a 12 hour period. "Sieep. Switch" allows up to 60 in a 12 hour period. "Sleep.Switch", allows up to 60
minutes of continuous run prior to "shut-off." Built in alarm for added convenience of "signaling." As easy to
set as any electric clock. All controls on front Onoft set as any electric clock. All controls on front. On-oft-
auto, 0 to 60 sleep switch, alarm set and time set. Gold finish dial-black lettering. $31 / 2$ square bezel. $13 / 4$ " deep. SPST rated 15 amps at 115 volts, 1650 watt load capac.
ity. For $110-120 \mathrm{~V} .60 \mathrm{cy}$. AC only. Shpg. wt., 2 los. ity. For 11
ms- 784

## LAFAYETTE SPECIAL



Tras Appliances On Or Off
Nover Needs To Be Reset
Handies 1850 Watts
Operates Fram $\mathbf{3 0}$ Minuta $\mathrm{T}_{\mathbf{2}} \mathbf{2 3} \mathbf{~ H r}$. Cycle
Makes practically everything electrical completely autoon and off - does not hava to be resei each night. Defrosts refrigerator - turns lights on and off - con.
trots roaster electric blankel washing machine coffes rois roaster, electric blanket, washing machine, coffeo
makers, vaporizers, etc. 30 min, minimum on tims 23 hours maximum. As easy to set as an electric clock. Easy to read 24 hour day and nigh dial. Operales day whout automatic reset. For 110 volt 60 cycle AC only. Instructions included. Easily built Into any case. $31 / 2 x$


PRECISION 1 INCH MICROMETER


## - MEASURES TO 0.0001"

- STAY-ACCURATE HARDENED PARTS - MAGNIFIER AND THIMBLE`RACHET

A micrometer - the indispensible toot in engi-
neering work-at a truly low price. The high accuracy of this fine instrument is maintained because of it
superior construction and design. It will hold its toler ances during years of frequent use. Solid one-piece trame. Spindle and screw are hardened to withstand
the worst abuse. One piece spindle has accurately ground, precision thread. Calibrated surfaces on spindishe and anvii are ground and lapped to a highly holds any desired setting of the micrometer. Thimble rachet allows just the right pressure regardless of every time it is turned-obtains the proper "Teet" for non-slip turning. Unbreakable plastic magnifier fits at a glance micrometer, allows quick clear reading mits interpolation to the nearest 110.000 of an ine using
HO .846

# LAFAYETTE SPECIAL VALUES! 

SAVE NOW • Special Sports Sets These motched sets sove you even more! speciolly selected top quolity-tatest designs. Combinations
selected for ease of handling-include all necessary basic equipment-offer you more fishing fun and enjoyment at budget prices. Items sold seporotely cast more-you save by purchosing the complete set enjoyment at budget prices. lems sold seporotely cast more-you sove by
Check these kits for feolures found only in much higher priced equipment.


NEW "21 PLUS" KIT 20 Assorted Lures-PLUS!



COMBINATION BAIT-CAST AND FLY-CAST KIT


- Anodized Single Action Fly Reel
- Converts from 8 ft . Fly Rod to $\mathbf{5 ' 4}^{\prime \prime}$ Casting Rod
5.95

Shoped cork hondle. Chromed stoinless steel guides ponted, sprew locking reed sea
ond deap chromed bre
 COMPLETE WITH REEL FT. 557 Regularly 9.95


- Feel Great-Look Your Very Best - Mold Your Figure
- Relax Tension and Muscies
- Lightweight - Compact


Now you can enjoy the benefits of salon treatments right in your home. The Lafayette hand massager-
vibrator delivers deep. penetrating,
refreshing vibraapplicators (included). Helps tone the figure, relieve fatigue. Lightest, most compact of tits kind. 3 -speed
switch. 110.120 V . AC. Shpg. wt., $13 / 4 \mathrm{los}$. F-630

Net 5.49
these are the gauges detroit left out!

## Lafayette AMMETER \&

 OIL PRESSURE GAUGESOON'T trust flashing indicator lights-a burned out battery. All cars with warning lights for oil and battery need these precision oauges. Lights only indicate
when ail pressure falls below is lbs. or whether ar when the genescator is wolking. These lafay whette gauges pre not a replacoment but an oddition to the panel
lights and are designed to keop a constant check an ights and are designed to keop o constant check on
he condition and perfarmance of your car's electrical the condition and performance of your car's electrical a $60-0.60$ scale measures the actual rate of current
Aow... helos prevent generators from burning out Aow ... helos prevent generators from burning out and overcharging or dischorging the batrery. Exact oil
prossure fom 0 to 80 lbs. is indicated by the cali-
brated of pressure gavge thus assuring sofe engine brated oil pressure gavge thus assuring sofe engine operaticn. Easily installs in any 6 or 12 volt car bolow
the dash, withaut drilling or can be mounted right in

The dosh. Both meters ore mounted in on oftractive chrome pane. Easy to reod meters feoture $13 / 4^{\prime \prime}$ diom
black dial fres with calibrations in white. Size: sis." W $\times 27 / \mathrm{s}^{\prime \prime} \mathrm{H} \times 21 / \mathbf{a}^{\prime \prime} \mathrm{O}$. Supplied with all necestory fittings
plus full instructions. Shpg. wt., $11 / 4$ lbs. M5.78s

ILLUMINATED TYPE
Some as above, but gauges are illuminated. Supplied with lamp sockets and both 6 and 12 valt bulbs Ms-792

## REVOLUTIONARY WEN ROTARY ELECTRIC SHAVER

- Giant Shaver Head- $15 / 8$ " Diameter
$13^{03}$

- Self Sharpening Hollow Ground Cutters
Comnutator and Brush Type Motor

Quite frankly we believe this new șhaver will deliver the finest shrve you've ever experienced. This is the most
advanced electric shaver available today - The big $15 / "$ advanced electric shaver available today - The big 1s/""
rotary spaving head has been designed with comb-like sicts making it extremely effective on long hair and
trimming sideburns. It's domed shape fits the chin trimming sideburns. It's domed shape hits the chin
contour and neck making this 'hard to shave area, easy
and fast. The hollow-ground, high speed rotating cutters and fast. The hollow-ground, high speed rotating cutters
are individually fitted, ground, balanced and precision honed to the head at a 20 degree angle. This results in close comfortable shaves without irritating, pulling, tug. ging or nicking. Weighing only 10 oz . the shaver fits comfotor type direst drive motion insures quiet smooth operation with long motor life. Complete with attractive


## Remote Control For Silent TV Viewing

- simple to attach to any ty set or radio - see and hear-nolselessly-con ENIENTLY - LOOK AT THESE FEATURES!
FOR LATE LISTENERS: One of two 5. REMOTE CONTROL: COmes complete with 20 ft . of program with the loudspeaker cut cable so it can be operated comfortably from a dis
tance. Has its own volume control, speaker on-of off. Tops for enjoylng the late-
late show without dlsturblng the $\begin{aligned} & \text { switch, and two sets of jacks so either } 1 \text { or } 2 \text { ear } \\ & \text { phones can be connected. }\end{aligned}$ late show without disturblag the
rest of the household or the neighbors.
FOR HARD-OF-HEARING: They can see and hear without turning the set volume : high that others
can't stand ti., nolse. They can cante stand th.s nolse. They can
listen elther with the loudspeak. er cut off or, If the rest of the
family want to hear, with the far cut olf want
speaker on.
. FOR NOISY PROGRAMS: Oon't let the kids' "Wild with. the speaker off. . FOR NORMAL OPERATION: Does not affect your regular use of the T.V. set. Does not have to be discon-
nected from set.
. oymamic ear phone: set is suppiled with one of ARGONNE exclusive HI-FI dynamic miniature earphone. Righly sensitive and efficient. phone is complete
with 3 ft . cord and tips, ready to insert in control box. CONVENIENT: Size only $37 / 2 x 2 \times 1+2{ }^{\mu}$. Complete with
1 earphone and $20 \mathrm{ft}$. cable, Completely wired with instructions. Shpg. Wt., 3 lbs.
MODEL .MS-125


## EXTRA EARPHONE

ms-591 Shpg. wt., 8 oz.
10' extension cord for above.
MS-590 Shpg. wt., 4 oz .


# Y PAY PLAN TERMS... 

 Easier for YOU to BUY NOW
## IT'S SIMPLE TO OPEN AN ACCOUNT CHOOSE EITHER STANDARD OR EXTENDED TERMS want now even if you are short of ready cash. This sensible plan permits you to pay out sories; Test Equipment; Kits; Public Address and Intercom Equipment; Amateur Gear <br> Power and Hand Tools; Phonographs and Record Changers; Telescopes, Binoculars and <br> 

Photographic Equipment; Books and Manuals; et
TERMS OF LAFAYETTE'S NEW EASY PAY PLAN

## Minimum Order

Down Payment $\qquad$
$\qquad$
$\qquad$ Only $\$ 5.00$ down on orders from

Only $\$ 10.00$ down on orders over $\$ 200$
(Larger down payments reduce the service charges and monthly payments)

# Service Charge: <br> Monthly Payments: 

may choose either the Standord or the Extended plan to oblain the lowest ervice charges for the greatest length of lime.

You can make your monthly payments under Standard or Extended terms shown nents never a larger period, up to 24 manths. When ordering, please indicate in the ordering, please indicate in the

HOW to BUY on NEW EASY TERMS


## REFUND OF SERVICE CHARGES FOR ADVANCED PAYMENT

All credin service charges will be refunded if payment is completed within 60 days of shipment. Take the full time to pay if you wish. However, you may pay off your account at any time and obtain a partial refund of the credit service charge
FOR EASY PAY PURCHASE USE THIS SIDE À ÀTER FILLING IN MERCHÁNDISE ON REVERSE SIDE.




## ADDITIONAL PURCHASES

[^1]

HOBBY HEADQUARTERS
NEW! MAGIC-GLO BLACK LIGHT KIT
Educational-Scientific


 paints, invisible ink, invisible crayon, tracer powder.
3 fluorescent mineral specimens. phosphoragram, optical mens. Enables the student to perform endless numbers Of fascinating experiments. The amply illustrated 48
pape oooklet ."The Sory of Black Light-The Unseen
Word
 ${ }_{4}^{41}$ ip-61.

GLO-FLUORESCENT SPRAY PAINT Gives NEON effect under black light. Makes any white
surface up to 4 times brighter. 16 oz. spray cans, non-
 Net, ea Sunset Goid P. 392 Green 1.82

## MINERAL "TEKNIKIT" ®

 Forty-eight specimens-pre-selected to illustrate suc
 crystals - common and uncommon minerals. An aid in the study of mineralogy, petrology, stractural geology, tageed and removable from its compartment. Each com partment is corresoondingly tagged and named. All are
named as well as classified. An excellent introduction named as well as classifitid. At excellent introduction
to rock and mineral iofotification. Handy reference for


NEW! TEKNIKIT® UNIVERSAL SUN DIAL - Includes Compass and Leve

Adjustable For Latitude
Longitude Variations
Exceptionally Accurate

$$
1.15
$$


 in tongitude and ratitude at point of use unusually
accurate sunt time readings are possible by mean of
time / sun declination char is included. Sun dial, com.



ALCOMAX MAGNETS

## 

POWER MAGNET
Made of Alcomax-a material with 12 WEIGRT netic energy of tungsten stwel. Desigmed the mag.
efficient pertormance weight ratio will lift up to 50 limes its own wieight. Horseshoe shape with plated


POT AND BUTTON MAGNETS
 and iifting of all sorts. With plated keepers. Avg.


 F .638 (Set of 3 ) Net 1.45 | Shpg. |
| :--- |
| F-138 |



A dynamic new medium to bring the world of mathe
matics. geometry, and three dimensional space within the reach of everyone. This kit comes complete with 12
black, notched 6 " square panels, to form four "corners", 12 bobbins of special elastic string. 1 instruction struction manual for basic weaving designs. Space your eyes. The perforated squares form a "corner" of sentations to be carried out simply. These features make
it ine it ideal for use in the teaching of mathematics. The pos-
sible uses of this device are limited only by one's tive ability. Recommended for-Art Education, Occupa-
tional Therapy, Craft Medium, and many AP-58 NINGLE SPACE SPIDER KIT 5.95 Similar to ahove in purpose. and scope, but consists of 3 perforated panels, 3 bobbins of special elastic string,
instruction book, and 10 black clips and blunt needle
Makes



YOU CAN FEEL THE MOUNTAINS on this beautiful $12 \cdot i n$. globe. More realistic because
it is in actual 3 -dimensional raised relief. More
educational because youngsters can see the educational because youngsters can see the
fascinating contrasts that create climates,
affect pooulations, the location of great cities. Ocean coloring
shows at a glance the flow and direction of currents. Base in handsome sculptured design is genuine American walnut with rich gun-
stock finis. Globe revolves at a touch, swings
up or down with just a twist of the knob.


The Abbey topographic level enables the user to
determine ground elevation measures degrees of slope or inclination-run a level line-etc. Permits pre.
liminary surveying with little or no experience. Fine prismatic system. Arc scale is divided into 60 degrees
hither brishaic syst of zero. Vernier scale reads 1 to 10 minutes.
barc swings from 0 to 90 degrees. Particularly usefui Arc swings from 0 to 90 degrees. Particularly useful
in laying out drains-retaining walls and fencesin laying out drains-retaining walls and ences-
driveways- fields-etc. includes feather case and strap.
Shpg wt. 3 los.

Laboratory magnet teknikite
This set has been specially designed for schools, laboratories, and technicians, for testing and demonstrating the magnetic properties of permanent magnets. Fine
hardwood case contains a pair of bar magnets $z^{\prime} \times 12^{\prime \prime}$ diam., a horseshoe magnet
 HYGROMETER

ABNEY CLINOMETER LEVEL $\left.\right|_{\text {f.49 }} ^{\text {ning }}$

SUPER SPACE RINGS ® KIT


This educational kit allows you to unleash your creative
talents as well as to open the entire fleld of spatial geometry and mathematics. It is an ideal means of ex citing students' interest in the beauty of geometric
form. Consists of 8 specially contoured and perforated aluminum rings, 4 bobbins of metallic elastic cord and
3 bobbins ( 45 yards) of fluorescent elastic cord, desig 3 bobbins ( 45 yards) of fluorescent elastic cord, design
suggestions, mobile wire hoop ( $22^{\prime \prime}$ diameter), and an adhesive ceiling hangar. Complete kit. Shpg. Wt., $11 / 2$
lbs.


A completely self contained instrument that registers
wind velocity up to 50 m.p.h. and wind direction by wind velocity up to 50 m.p.h. and wind direction by
means of an integral compass and accurate vane. Re
quires only 30 seconds exposure for accurate readout quires only 30 seconds exposure for accurate readout.
Immedlately resettable. Designed specifically for boat
owners, marinas, pilots, airports and small weather stations. Indispensible for sports events such as skiing
sailing regattas and shooting meets. Lightweight and rugged, contoured handle for ease of holding. The handie may be removed and the entire unit mounted on a
standard camera tripo. This feafure permits untended
continuous wind direction continuous wind direction indications. Easily read, $33 / 4$,
white dial face with black numerals and red indicator Heavily chromed and enameted to resist the elements.
Overall height $15{ }^{\prime \prime}$, including handle. Shpg. wt., 2 lbs .
f .523 HUMIDICATOR—"SLIDE RULE"


For weather enthusiasts-gardeners-farmers, etc. Gives
three readings at a glance - maximum, minimum and present temperatures. Selff-registering - no knobs -
magnets - or push buttons needed for reset Magnifying lens case for ease of reading. Maintains automatic check
on temperature variations. Makes you the local weather

## INDOOR-OUTDOOR THERMOMETER

Tell inside and outside temperature-
instantly - irom the comfort of your instantly - from the comfort of your
room. Inside location-ideal for quick-
easy reading. Dual tubes single scale for Instant, visual comparison. Plastic case
with modern tapered lines. $8^{\prime \prime} \times 22^{\prime \prime} x$ 48". long copper capiliary tube and
bult. Large scale numeral for ease of ceading. No moving parts to become
reat.
worn. Shpg. wt., 1 ib. reading.
worn. Sh
F. 329

##  for gry ANMPNNAS AND ACGPSSOTHISH

try to BEAT these ANTENNA PRICES!

regular list 13.45<br>OVER 60\% OFF!

\author{

- all aluminum
}
- NO LOOSE PARTS

FASTEST INSTALLATIONS
FULL 20 ELEMENT STACKED Snap Open Conical SINGY EACH
5.25

## FAMOUS BRAND Color 'Tenna

PRICE BREAK - Over 50\% Off!
LIST 29.95

## SALE 13.95!

Gold Anodized

- High Gain On All vhf Channels
- Completoly Factory Preassembled - Electronic Lons Design




AN-5 1 WX-List 29.95

$\qquad$

Complete kir
15 bles
AN-52 wx

newit supfr filnce abta antenna TV PICTURE TUBE - the maximum antenna - MAXIMUR AREA.

- PERFECT $300 \Omega$ CONSRUCTION. - PERFECT 300 N MATC.
ON EACH CHANNEL. The moat recent odvance in
tenna delion ond constructio
ExTremary high
thig







## SHORT ELIMINATOR <br> - Burns off Picture Tube short - Lengihens Piciure Tube life



## TV TUBE RESTORER

# NEW!LAFAYETTE "ELECTRIK 2.8" AUTOMATIC ELECTRIC EYE 35 m.m. CAMERA 

SAVE MORE

COMPLETE "ELECTRIK 2.8" CAMERA OUTFIT


An outstanding value for the serious amateur photog.
rapher. The automatic "Electrik 2.8 " camera with rapher. The automatic "Electrik 2.8" camera with ready case, folding B.C flash men wuth weather case
and battery, complete filter and lens hood set with and battery, complete filter and lens hood set with
leather case, 8 flash bulbs, roll of 35 mm Kodachrome film with processing included. Everything you need for



- liov ac or midget battery pack ofeather. WEIGHIO COLOR BALANERED LIGHT - BUILT IN OIFFUSER (a) More power-more practical features than any other lifetime tube-pays for itself in savings on flashbulbs leiss than $1 / 2$ cent per flash. Feathenweight flash head weighs only 16 ozs. Entire unit-including battery-oniy 2 los., 4 ors. Battery pack measures $51 / 2 \times 3 \times 11 / \mathbf{2 n}^{2 \prime 2}$-fits camera or bounce flash. 15 ft . AC cord gives practically unlimited movement when operating on AC. Universal mounts on side of portable pack. Light is color balanced ( $6200^{\circ}$ Kelvin) for color pictures without filters. Koda chrome guide $25-T \mathrm{Tri-X}$ guide 120 . Recycles in "6 to 7 ",
seconds. Speed $1 / 1000$ sec. flash duration. "Ready" light on head indicates flash is ready to fire. Socket on head for extension or multitile flash use. For any camera having $X$ (zero dealy) synchronization. Complete with
battery portable pack, 5 ft . coiled cord, shutter cord, 15 ft . A.c. cord, mounting bracket, clamp and Instruc$\mathrm{F}_{\mathrm{F} .370}$.............. 2.00 Down
Replacement Battery for Shos wi........ Net 29.95 RA-306 List 7.95
"SPEEDLITE" ACCESSORIE (b) "Bio-lite". Ring type strobe flash attachment. For close ups. For studies in medicine, Mounts on lens for numismatics, philately. Same guide numbers as F .370 . Fits se
(C) "Booster" 17.95 Booster" Capacitor. Fits on the bottom of F-370
Speedilte. Easy clamp-on attachment. Furnishes double the normal light output. Shpg. wt.,
$F=502$


Genuine pigskin-not plastic. full $10 \times 8 \times 4^{\prime \prime}$. Holds your lid holds fliters. etc. Outside pouch with strap and buckle. All brass hardware. Loops and straps on bottom
to hold tripo $\substack{0 \\ w .320 \\ w}$
$w_{1}$

ELLEVATOR TRIPOD

- Folds to 16 " including Panhead!
- Extends to 47" PLUS 7" Elevator
- Tri.Jilt head -
Moves in 3 planes!

For any small camera- 35
mm-reflex-or movie-
mm-refiex-or movie. Pro
fessional quality for pro-
fessional quality for pro-
fessional results. Strong
steady-lightweight Penc seady -lightweight, Penc
slim, chrom plated, bras
legs. Lock securely in place action tilt-preadily. Single then ${ }^{\text {and. }}$ vertical or horizontal format. Geared taking pictures in post with positive lock and olding crank. Welghs only
31 o1s. All the most wanted form F.jg. wt., $21 / 2 \mathrm{lbs}$

$\star$ BUILT-IN COUPLED PHOTOELECTRIC EXPOSURE METER $\quad \star$ COUPLED RANGE FINDER $\star$ CROSS COUPLED Shutter and diaphragm

Photoelectric Exposure Meter-Takes Guesswork out of Lens Adjustment

- Automatic Parallax Correction - 11 Shutter Speeds from 1 Sec. to 1/500 - Bright Line Viewfinder - MX Flash Synchronization!


## - Double Exposure Prevention! - Built-in Self Timer

Lafayette's new "Electrik 2.8 " offers, at a moderate price, the quality, features,
 cent color sides and rari-sharp black and whites. Perfect exposure every time is
assured by
the cross
coupled photeelectric expo sure meter: merely set shutter speed and ASA fllm speed. aim camera at subject and adiust lens aperture ment of shutter neeeded lines up with colored mark on meter scale. Now any adjustmaintain the proper speed/f $f$-stop ratio forresponding adijustment of liens opening to int oay also be controlled independentiy). Superimposed coupled range finder with
 coiks shutter, atrances film, and counts exposure. Accepts 20 or 36 exposure 35 mm film, color or ble
F-655 Less case


## FOLDING BC FLASH GUN

incluoes battery and leather case folds like a fan to 4" $\mathbf{x}^{\text {m! }}$ - Efficient b.c operation!
 test lamp-bulb ejector-ertension socket. Standard shoe with pressure adjust fits arcessory clips. Uses standard Dayonet base flash bulbs. Novel, useful exposure
guide built in on rear of case. Complete with leather case, battery, condenser, PC cord and ASA adapter. Shpg wi., 1 to.
$\mathrm{F}-209$
 Net 1.05 -

MATCHED FILTER AND HOOD SET


Complete set of the most needed firters-plus lens
shade threaded to fit directly into the "Electrik 2.8 " engraved identification-orecision machining. Lens shade finished in plarefree optical-black. Internal light bafiling design. Kit includes Skylight, Daylight conversion, Flash 80C conversion, Medium Yellow Y2 and Deep yellow G15/02
firters. Sunshade and leather case. Snpg. Wt., 8 ors.
f-658.

Net 15.95

"RANGEFINDER II" - LOW COST VERSATILITY 4 ELEMENT F2.8 COATED LENS! - COUPLED RANGEFINDER brilliant combineo view-range finoer! v single stroke rapid film transport! NINE SHUTTER SPEEDS $10 \cdot 1 / 300$ ! $V$ MX SYNCHRONIZATION $\vee$ F2.8 45 mm COATED LENS! VHI.SPEED REWINO! $\vee$ STANDARD PC FLASH TERMIMAL! $\vee$ dOUBLE EXPOSURE PREVENTION $\vee$ BUILT-IN SELF TIMER!

Check the features-then compare Lafayette's price with any other brand. Fast 12.8 coated
anastigmat lens and extra-wide lens aperture for brilliant, ven in poor light. Sight and focus through combined rangerview finder Folory or black and white peeds for class $M$ and electronic flash. Speeds from 1 sec . to $1 / 300$ th. Rapid advance sets shutter and film stop . bushed chrome trim-black leatherette covering. 20 or 36 exposures on black and white or color 35 mm film. PC flash terminal. Shpg, wt.; 3 lbs. Use serles 6 accessories.
F-486 Leather Eveready Case. Shpg. wt., $1 / 2$ ib.
F 351 Clip-on Exposure Meter. Shpg, wt, i/2
Special Combination OMer, Inclutes $c$ Bma Special Combination Offer': Includes camera above-Eveready case-folding BC flash gun-and

## "PRESTO-MATIC" 300 WATT 35MM PROJECTOR

- For All $35 \mathrm{~mm}, 2 \times 2$ and Super Slides - 4 Inch, $\mathbf{f 3 . 5}$ Coated, Corrected Lens


Compact, convenient, semi-automatic, plus big-picture, 828 (bantam), and 127 (super-slides). Semi-automatic "Presto-Matic" changer, one push-pull movement picks,
shows and replaces 36 slides in sequence. Self-con-

NEW! "SUPER-VUE" SLIDE VIEWER - For all $2 \times 2$ slides- 35 mim, super slidees, 820

- Large Screen-3" x $3^{\text {" }}$-Viewing


Extra brilliant viewing of all $2 \times 2$ slides. 35 mm . Bantam (828) and super-slides. Paper, metal. plastic or glass.
Highly corrected $3 \times 3^{\circ}$ lens atiows small group viewing May be hand-held or placed on table. Built-in "tilit'
for best viewing angle. Lens system gives amazin for best viewing angle. Lens system gives amazing
depth to carriers provide semi automatic action. "Battery Saver" feature-lights only when slide is in viewing position, Bright-sharp images with n "cut", corners. Lightweight--sturdy-compact. Complete
with 2 carriers- 2 color corrected bulbs-instructions

tained storage for over 100 slides. Die cast aluminum.
Self-contained case. All Seff-contained case. All optics hard coated. Designed
for optimum projection briliance. For $110-120 \mathrm{~V}$. AC/DC $\mathrm{Shpg}_{\mathrm{F}-667} \mathrm{wt}$., 12 libs.
F-667 .....................


## AUXILIARY LENSES

for f-485 "Rance Finder II"

- TELEPHOTO - TWICE AS CLOSE!
- WIDE ANGLE - 75\% MORE
- CLOSE UP - DOWN TO $61 / 2^{\prime \prime}$ !


Telephoto shots-wide angle shots or extreme close ups. Easy as 1.2 .3 with the new auxiliary lenses. Eact
lens is hard coated for maximum light transmission Pre-focused and color corrected. No increase in posure setting is necessary. Bring your subject twic Wide-Angle. Close up lens kit consists of $+1,+2$ and +3 Proxar lenses-allows focussing down to $61 / 2$ black and white film. Auxiliaries and close ups mount
by means of adapter ring listed below. Shpg. Wt., of each auxillary lens approx. 6 ors.
$F=488$ - AUX. TEEEPHOTO LENS F-489-AUX. WELEPHOTO LENS (A)
F.294-ANGLE LENS (A)
 W.A LENS (C)
F-490 Adapter ring for close up set and
and aut Package dealises ( 0 ) Shpg. Wt., 6 ozs.... Net 1.95

> - 25X to 1500 X in 11 Ranges - Integral Mechanical Stage - Variable Sub-Stage Condenser with Iris Diaphragm Full Range Fine Adjustment - Heavy Laboratory Stand Standard Society Size Optics - both All optics coated objectives and eyepieces

1500X "MICRO-STANDARD" ADVANCED ACADEMIC MICROSCOPE

## $89^{95}$

An unusually fine optical instrument designed especiaily FOCUSING: Coarse focus by dual knob rack and pinion for precision viewing requiring high magnification with adjustment with adjustable tension to slow motion. Fine.
an oill Immersion lens. The outstanding. features of focus by dual knob vernier adjustment Spring laded an of meat range and engineered versatility. optimum clarity safety device prevents objective from. driving through
great
and great range and engineered versatility, optimum clarity
and great magnification are usually found in microscopes cosing much more.

 BODY: Monocular tube 140 mm Heavy laboratory stand, Overall $121 / 2^{2}$ hith chrome trim.

 Sample available on approval to universities and industrial taberateries.
F

900X "MICRO-PREP"


MICRO-LAB TEKNIKIT


- All the most needed
home-lab accessories
A carefully preselected assortment of the most often used fab items for biology, Dotany, anatomy, Poology.
microscopy, etc. Perfectly complements the many Im,
 and
will accsommmodate any microscope of no more thal

 bassam, dissecthos scissors. orobee, scalpel, 5 twe ezers




## 900X microbe

## MICROTOME TEKNIKIT*

### 10.95

Essential tool for free hand sectioning of tiological speciEssential Equally suitable for the serious hoobyist and student
mens.
as well as lab aperated feed is sufficient. The micro-fine pitch screw feed is graduated in 10 nicron intervals. The dense, composition
stage is asosolutely flat, 75 mm in diameter. "Straight razor"
type micrometer knife of surgical quality steel. Ground and type micrometer knife of surgical quality steel. Ground and
tempered to take and hold a keen cutting edee. Supplied with microtome knife, plth and compartmented wooden storage
cabinet. Shpg. wt.. 2 lbs. cabinet. Shpg. wt.. 2 ibs


600X "BI-OCULAR" MICROSCOPE


NEW-TWIN LeNs "bIOCULLR" - Turret: sublestage micro-lite! 600x-400x-300x-200x-120x-80x

- onir at Lifayette!










 cise
l.jas
l.ass
and bateries.
4-155 Battery (2 required)
 2 betteries and latest edition of "Hunting with the Micioscope." Shpg wit, 13 jbs
$\mathrm{F} \rightarrow 21$



## MICRO.SLIDE TEKNIKIT®




E-125- inm cratioer found around

${ }_{c \rightarrow-131}$
F.132-Pond, Marsh and See LHe, Plankton
F-134 - Wicro-Animals

F-135-micrio-Onimals
-F-13s_Sudstanc

- Set of 6 slides

MICROSCOPY TEKNIKIT®
BIoldgica
Laboratory
QUICK-EASY.
MICRO-SLIDE
PIEPARATION

### 3.95


paring and coly self-contained tab kit for stainine, preselection of all the necessary accessories for the proper preparation of micro-slides. Contains equipment for
collecting - fixingen - mounting - fixisishing - labeling - drying and stor. Ing subiects. The kit contains $2411^{1}-\frac{1}{x} 3^{+}$slides, cover
slions, coilecting vials. 2 smal dilpel, dishes, 4 botties of dehyorat. ing fluid (70\%, $80 \%$, $90 \%$. $100 \%$ alcohol), bottle of Canada halsam mounting fluid ${ }^{2}$, vials of dyeine fluid (acid fuchsin and gentian violet). Supplied with com-
pletetinstructions. Shpg. wt., 2 los.
f-604 plete i
F-604

MICRO-SLIDE STAINING TEKNIKIT®

### 1.79

## ing liquld staining suit contain suitsole for

## 

 soth temporary and permanenpreparations. Suitable for stain

$$
\begin{aligned}
& \text { peparations. Suitable for stain } \\
& \text { ing chromosomes, protezoa, tis }
\end{aligned}
$$

sue, nuclei, anlmal and vegetable celfular structure, insects specimen. Each vial is se "dropper" type for direct application
of stain to specimen. Kit consists of one vial each of Safrinin Methylen Blue, Fuchsin, Gentian Violet. Eosin and First Green.

ADVANCED STAINING TEKNIKIT Contains three additional dyeing fluids. Suitable for staining
blood smears, soirochaetes, bacteria, etc. Supolied in "dropper" olype smears, spirochaetes, bacteria, etc. Supplied in complete with instructions. Shpg. wt., 6 ozs.
typet 1,59


Made io rigid design specificationsand law enforcement agencies. All of the ror. Fixeo scuare stage, $70 \mathrm{~mm} \times 80 \mathrm{~mm}$. most needed features for diversified Huygenian eyepieces of $5 \mathrm{X}, 10 \mathrm{X}$ and 15 X micro-studies. Power range from 25X to Four achromatic objectives of $5 \mathrm{X}, 10 \mathrm{X}$, Geared rack and pinion coarse focusing. bility. Body. Oerfectly balanced at ance
Micrompotion fine focusing- 12 completele. angle. Complete revolutions. 36 mm (plano/concave) mir- carrying case Shpg. wt., 8 los. $\begin{array}{cc}\mathrm{F}-338-\text { List } 69.95 \quad 2.00 \text { Down .... Net } & 34.50 \\ \mathrm{~F} \rightarrow 13 \\ \text { Mechanical stage for above. .. Net } \\ 6.55\end{array}$

"MOOLCROMECH" LAB KIT: Complete portable laboratory kit. Consists of F.357 $500 X$ "Micro-Mech"" microscope and F-454 Micro-Lab Kit, with accessories and
cabinet plus latest edition of "Hunting with the Microscope." Shpg. wi. 12 ins.
$\mathbf{F} \leqslant 22$.

MICROSCOPE MECHANICAL STAGE


SLIDE PREPARATION KIT - 30 Large Blank Slides

[^2]LAFAYETTE'S ENGINE DIVIDED IMPORTED SLIDE RULES

- Laminated Bamboo Warp-Free Construction - Complete With Leather Carrying Case

DELUXE LOG LOG DUPLEX DECI-TRIG SLIDE RULE - 25 Scales with 8 Log Log Scales - Extended Range Avoids "Going Off Scale". Extra P Scale Simplifies Computations - Two Color Scales
 dermans. Contains 2 scrales in total inclucing 8 log Log Scales. The need for the
trouble some end-1.-end resetting of the slice is eliminated by the extensions of the and scales. Scale arrangements also allow easier calculation of problems in-
volving the value of trigonometric functions. The twin set of Log Log scales run from
ind 1.001 to 100,000 and . 9999 . 00001 , thereby eniarging the scale by one scale length
each compared with ordinary log log sidide fules. Extra features include the $p$ scale



10" LOG LOG DUPLEX TRIG SLIDE RULE
10 Log Log slide Rule: Constructed of specially selected, laminated, non-hyroo.
scopic bamboo. All scales are machine engraved on white plastic in permanently
 of the rule. Evaluates trigonometric, algebraic and exponential problems. LLO and
$L L O O$ scales
 tion, reciprocals, co tangents, squares, square roots, cubes, cube roots, logarithms, tangents, sines, PI factor multiplication and division, powerr and roots of numbers,
less than 1, powers and roots of numbers greater than 1 , 10 garithms to base "e, Tess than 1 , powers and roots of numbers greater than 1, logarithms to base "ee".
The most often used slide rule in all basic fields of science, engineering, production
and $\underset{\mathrm{F} .341 \text { LIST } 25.00}{ }$

## 5" POCKET SLIDE RULE

S'P $^{\prime \prime}$ Pocket Slide Rule: Convenient pocket sized slide rule of specially selected and


$8^{\prime \prime}$ TRIGONOMETRIC SLIDE RULE


8" trig slide rule of laminated, selected bamboo, Fac of white plastic with engraved, pertmanently accurat aimospherric conditions. Satine finished stability under al
high readability, virtually glarefree face Scavides high readability, virtually glarefree face. Scaies are $A$
$B_{B}, C, c, 0$, and $k$ on face - $S$, $L$, and $T$ on revers
of slide, on metal back. $C$ scale also has convenient conversiod marks for changing degrees to radions, and for calcula-

## 

MATHEMATICAL
SYMBOLS TEMPLATE

## Sturdy plastic template containing alt commonly used mathematical symbols: plus and minus signs, roots,





|  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Made of transparent plastic. Simple to use with either sharp pencil or ink. Each has complete alphabet, all with one operation. Set consists of six puides size wish one operation. Se $1 / 2^{\circ}$. Shipg. wt., $1 / 210$, F-78-Complete Set individual guides (Shpg. wt., 4 oz.) |  |  |  |  |  |  |
|  | Size, | ${ }_{\text {Each }}$ |  |  |  |  |
|  |  |  |  |  |  | 1.195 |
|  |  |  |  |  |  |  | tering

Sing.
fr.95.

## 

COMPARE OUR PRICEI
 mind. Contains all the necessary eequipmen
for dratting mechanical drawina-designinet



 and art gum eraser. If purchased separately
these components would cost many times our
 Consists Special combination offer fet Technizal Dratting set and



A versatite calculating instrument with compactness only
obtainable in a circular slide rule speciall che contrict




 $\xrightarrow{\substack{4 \\ 4.02 \\ k-382}}$

| GENIAC CYLINDRICAL SLIDE RULE <br> The GENIAC cylindrical slide rule uses a new concep in slide rule design to achieve the graduations and ac- curacy of a 66 inch slide rute. This rule may be used to curacy of a 66 inch slide 5 digit accuracy, and quickly solve problems involving muitiplication, division, roots powers, logarithms, proportions, and percentages. Cyl plastic coated spiral scales. $11 / 4^{\prime \prime}$ diameter and $10^{\prime \prime}$ long the rule collap es to $6^{\prime \prime}$, small enouph to be easily carpied in a pocket. Almost indestructible, cannot warp. Shpg. Wt... 1 to. F-387 GENIAC Cylindrical Slide Rule |
| :---: |
|  |  |

"draftette" DRAFTING MACHINE








TECHNICAL DRAFTING SET - Center Wheel Adjustment Professional Quality - G \$ $\$ 15.00$ Valu

A fine set of imported nickel plated brass instruments
priced far below the usual price for this quality. Con

 center wheel adiustment with interchan geabler needié
points; spring bow pencil and spring bow pat
 needle point; two $5 \%$ ruling pens; extra handle for pen
and pencil parts; adiustment tool: lead case ano and pencil parts; adjustment tool; lead case and leads;
and soare parts kit. all in velvet lined snap closing
and


## UTILITY DRAFTING SET



## 8" PROPORTIONAL DIVIDER $\begin{aligned} & \text { Extremely accurate finloly } \\ & \text { made proportional dividers. - IMPORTED FROM } \\ & \text { GERMANY }\end{aligned}$



PROFESSIONAL GIANT BOW $6^{6}$ Size with Center Wheel Adjustment Finely Balanced-
Professional Type Protessional Type Protessional quality utility set in a fitted, velvet tined
case. Made in Western Germany of nickel' plated, hard. adiustment. Makes circles from $\%$ " to over $10^{\prime \prime}$ in diameter. Set includes $6^{\prime \prime}$
 F.44 box and repair parts. Shpg, wt., 1 lb.

## NEW JET-E-RASE ELECTRIC ERASING MACHINE

### 1.49



- portable - motor driven!
- 4 erasers - 4 collets - 2 brushes!


 precision bearings assure long, trouble tree lifite. In, In
cludes four eraser cores. One soft- wo medium hardcludes four eraser cores. One sott-1 Wo medium hard-
one gity-
on



ADJUSTABLE CURVE

## Enables

Enables anyone to draw curved designs with ease. The
rale is easily bent to any desired eurre with the fingers.
Chne bent the Chce bent the rule stays curved without beinn helfo.
White pastasic frame encloses a Iead bar and a steel sheet



Comes complete with- $3 \times 1$, tube of zinc white; 5 bristle brushes. 2 bot Hes linseed oil and turpentine, steel palette knife and canas par his comple set F. 532 Oil Paint Set Net 6.77 $\underset{\text { F-598 }}{\text { COMBINATION: } \text { F-532 Paint Set \& F.565 Easel Nel } 9.07}$
 holder: folding palette - all in a sturdy, hinged wood
box. Size: $103_{\text {a }}$ long. 5 deep. $11 / 4$ " high. Shpg. wt., 2 los
F. 531 Water Color

COMbINATION: F.531 Paint Set \& F.565 Easel


PORTABLE ILLUMINATED MAGNIFIER Extremely bright field
5x magnification
LOM COMPOUND LENS T

$\qquad$
$\qquad$ distance. Unlinitited usa
For checking tools soldering electronic accessible through cut repairs. Magnified area easily
as stamp or coin collection -minerology. coin collecting, pholography, entymology

BA. 157 Battery (2 required)

LAFAYETTE'S "READ-EASE" READ
WITH EASE

### 4.59



Read or write or watch television while lying down with all the vision ease of sitting uprignt. Iogenious,
optically correct, prismatic readers give you 'right: opticall vision to any object you care to view. Even bedridden patients can read - while lying flat - for hours
without tiring. The prismatic system - working like a pair of tiny periscopes, angles your vision but adds
no correction or aberration. Can even be used in con junction with ordinary glasses. The light gathering
jution powe of the orisms actually gives a brighter image adjustable - locks in at angle of your choosing. The crown glass prisms are precisely aligned and ground
to the closest tolerance. Specially suited for the avid $\underset{f}{\text { reader }} \mathbf{F}$

- Pocket sized Comparator

7.95

Hish equatity optical




 ares instantiswithound angles fitom 0 to ono Meass

 ${ }_{5 \cdot 37}$
Extremely $\left.\begin{array}{l}\text { accurate, etched glass reticles for use } \\ \text { with } \mathrm{F} .376 \text { Optical Micrometer or other comparators }\end{array}\right)$ of equal quality. Unatfected by changes in humidity and temperature-resistant to scratching-oils-and
solvents. All reticles measure Particle measuring grid $0.4 \times 0.3^{\prime \prime \prime}$ subdivided to $.005^{\prime \prime}$.
Hole diameters from 0.1 mm to 3.0 mm . Radii from 1 mm to 10 mm . Angles from 0 to $90^{\circ} .10 \mathrm{~mm}$ linear $\underset{\substack{\text { scale } \\ \text { F.456 }}}{ }$ calibrated mm . Shpg. Wl, 025 . Radii and angle scales. $180^{\circ}$ protractor scale, 0 to $90^{\circ}$
in $1^{\circ}$ increments. Radius scale, concentric 0.5 mm to ${ }_{F-457}^{10} \mathrm{~mm}$ with .5 subdivisions. Shpg. Wt., 4 O2s. Net 2.75 Thickness gauge. 15 scales consisting of parallel lines

- measures from .002 to 016 inches. Shpg. wt., 4025 . F. 458 Net 2.75 Particle measuring grid and diameters. 10 mm square
grid of 0.5 mm squares. Subdivided with 0.1 mm in . mments. Diameters from 0.1 mm to 2.5 mm in 0 ${ }_{\mathrm{F}}^{\mathrm{mm}} \mathbf{4 5 9}$ in
Complete comparator. All five reticles and magnifier
with leather case. Shpg. wt., 8 ors.
F. 460
regular value 300.00
 cabinet. Shpg, wt., 60 los. VIA EXPRESS ONLY.
F .384 Wx
et 189.00


## 3x

## STAR SPECTROSCOPE

Observe the spec
nitudes -1 to 3

## WITH 3 EYEPIECES

## Drawts threads acus arrangement

$24.5 \mathrm{~mm} 0 . \mathrm{D}$, ofepieces 25.4 mm 0.D. and
 spectra of bright stars, comets, and novae. The spectroscope consists of a 5 .piece prism assembly, threaded ocular tube adaptor and 3 cylindrical. lens eye. direct.wision spectroscope on medium. size telescopes to oloserve stars as saint as
magnitude 3. The dispersion angle between the Fraunhofer $C$ line (wave length magniude
6600 angstroms) and the $G$ tine ( 4300 angstroms is 90 . The resolution 1 Is enough to
separate the yellow D lines of sodium. Body is made of black-coated brass. Fits separate the yellow D lines of sodium. Body is made of black-coated brass. Fits
lafayette telescopes F.342, F384 and F .385 , All in plush-lined case. Shpg. wt, 8 oz.
F-569
Net 29.95

4.95
aChromatic barlow lens

- Provides greater Eve Relief!

Makes Any Good Telescope Better - Improves Definition!

Doubles Your Telescope's Power

- Gens ant Illumination-Wider Field! The Barlow Lens is a negative (diverging) lens which can increase the range of
magnification of any given set of eyepieces. Greater eye relief is provided- even magnification of any given set of eyepieces. Greater eye relief is provided- even
on short focal length eyepieces. Sharpens definition and reduces image deterioration on short focal length eyepieces. Sharpens definition and reduces image deterioration provides for greater illumination and a wider field. By increasing the effective focal
length of the objective-and reducing its relative aperture- it greatly reduces length of the objective-and reducing its relative aperture-it greatly reduces
aberrations present in poorly corrected eyepieces. Lafayette's Barlow lens will make any good telescope perform like a much larger one. Fitts all Latayette telescopes
ancept $\mathrm{F}-330$ Explorer. Accepts eyepieces of 24.5 mm ( $97^{\prime \prime}$ O. 0.0 and fits draw tubes xcept F-330 Explorer. Accepts
that size. Shpg wt.


## "MICRO'DAPTER"©

Micro-photography! - Astro-photegraphy!

- Inexpensive - accurate - easy to use
- Use any camera/microscope or camera/telescope setup
- Photo-record your observations


The MICRO'DAPTER permits the use of any camera - even movie cameras - with practically all miscroscopes snd telescopes. May be sed exposures are made with and white film. No need to remove the spectmen - choose the field of view -
the camera set at infinity. You view the and focus while sighting through the MICRODAN
hairs are superimposed on the image for centering. The telescope is focusable for
her hairs are superimposed on the image for centergatically in focus for the camera
diopter variations. The viewing image is automatich An internal shutter shunts al the
the diopter variations. The vewn the MICRO'DAPTER. An Internal shutter shunts ar. The
when viewed in focus ther then eady for exposure.
light to the telescope for viewing or to the camera when reat whight to the telescope for viewing or to the camera whensory sleeves permit the
lis
camera shutter is operated in the normal fashion. Accessory

 maximum diameter. Complete l
and fitted case. Shpg. wt., $11 / 2 \mathrm{lbs}$
$\mathrm{F}-506$

## II

## 1200X "RESEARCHER"



25x to 1200X in 12 Ranges
Full Range Fine Focus Adjustment Integral Mechanical Stage Rotating Diaphragm
Closely parallets the "Society" grade
micicoscope, yet is available at a very
low
 $5 x$, 10x, $15 x$, p2ox combine with four
achromatic obiectives 5 , 5 ,

 and pinion ccoarse focusing with tension adjustment for s.low motiong. Wich tension
tine focusing adiustment slide. $85 \mathrm{~mm} \times$ x 3 .5num stage can be moved ind
ed any direction with slide, by 2 knurl.
eyepiecews
while
looking through the eyepiece. Sub.-stage has potating, the
position
diaphragn position diaphragm and 35 mm piano/
concave reflecting mirror. Staole
sans
 disecting instruments, 10 setiofes, pack
of cover slips, tube of mounting the of cover slips, tube of mounting paick
Alt in do dovetailed wooden cartying case with handle and four rubber feet. Shpe
with tine rocusing adjustment. Spring loaded
to prevent objective from driving through
with handle and and four
$\qquad$

## PORTABLE FIELD MICROSCOPE

 - POCKET SIZE - FOR FIELD OR LAB - ACHROMATIC - COATED LENSES One of tinest precision optical imports tatayette







## DIRECT VISION



DISSECTING INSTRUMENT TEKNIKITS © ${ }^{(3)}$


- Suitable for Advanced Studies

Carefully chiosen kit of most often used dissecting
instruments in biology, botany, zoology, anatomy. All of the instruments are high quality. Ail metal parts plated and polished. Scalpeis are of properly tempered,
nickel plated steel. Dissecting probes have adjustable nickel plated steel. Dissecting probes have adjustable
chucks and replaceable needles. Kit contains jhe fol-
lowing 14 pieces: Scalpel-all metal

 Dissecting forceps, medlum point, straight. Dissecting
 scissors, bandage type. Syringe, 2 cc ., with slip on
needde. Set of pins. Complete in fitted wooden case.
Shpg. wt., $1 \frac{1}{2}$ lbs.
 spatula,
blowpipe, magnifier, scissors, pins. Smaller
tains ores.
tains only the essentials needed for general dissect.
ing work. Instruments exactly as described in $F$-450. ing work. Instruments exactly as described in F.450,
Complete with fitted wooden case. Shpg. Wt. 1 1. 1.0
F-451
NEW! PORTABLE "MICRO-LITE"

### 1.29

## - battery operated

- omni-directional
- POINT SOURCE ILLUMINATION
fected or direct light on subiect. May be used with


F-375 (less Batter
BA-155 TYPE " $Z$
31/2" STAND MAGNIFIER


Free Use of
Both Hands Both Hands - Broad, Fi
Field - Legs Fold for Compact Storage

Allows free use of both hands-ideal for close tolerance work by engravers, watchmakers, elc. The erystal.clear
cosss cyllnder, mannifying lens rotates a fuli 360 . The



ULTRAMINIATURE YASHICA Y-I6 CAMERA






 socket and tripod socket. Film clip loads 24 B8W or
color shots, $10 \times 14 \mathrm{~mm}$ negative. Magazines may be
bulk loaded with either perforated or nonnerfored 16 mm film. Makes. full size prints. All metal body



 4 ozs.
. 541 .

## 


 NEW! POWERFUL Goodyear VAC-ETTE

tool, extension wands, throwaway bags.


\author{

- Sturdy-all metal construction
}

\section*{| Reg. |
| :---: |
| Rrlice |
| 29.95 | <br> Power packed-all purrose- -nand vacum cleaner}

 netal (wor plastic) construction for fer years of hard



 storaze container, instructions and Appesul
Resula vaceette, with uphoistery nozze, veveice tool 19.99
tool



LAFAYETTE STEREO AUTOMATIC PHONOGRAPH - Plays all Sterere and Monaura Records - All speeds - $162 / 3,331 / 3,45$ and 78 RPM
 New, attractively styled automatic sterophonle
phonograph featuring the latest Monarch 4 -speed aut
omatic
cost Phonogicaph intermix record changer. Monarch 4 -speed aut-
omprystal
crite crystal turnover cartridge with dual sapphire styil.
Plays both stereo and monaural records. Among
features are auto automatic motor shut-off record intermix mechanism autic arm return, free-floating mot of last record, auto-
mato
acoustic fell minating acoustic feedback. Careful de sign assures long life and
freedom from trouble. Takes all record sizes, and plays
all 4 speeds: all 4 speeds: $162 / 3,312 / 3,45$ and 78 RPM. Controls in
clude separate volume contro dual channel tone control. Built-in Alnico 5 PM nel and
proper speaker is housed in the removable phonozraph 5 PM 8 ft . cable supplied, permits placement of secon white, or optimum stereo effect. Two tone gold and 1.12Ax7 and rectifier. $151 / 2 \times 143 / 4 \times 88^{\prime \prime}$. Shpg.wt., 23 lbs.
PH-143wX Gold and white $\quad 2.00$ Down
PH-144wx


## LAFAYETTE STEREO MANUAL PHONOGRAPH

Plays ALL records. Stereo and Monaural Plays ALL speeds - 16 2/3, $331 / 3,45,78$ RPM

FAMOUS BRAND 2-STATION INTERCOM (2)



## SAVE ALMOST $60 \%$ new TELEFUNKEN

AFABULOUSLAFAYEIIE BUY LAFAYETTE

AUTOMATIC RECORD CHANGER : Intermixes all Size Records - Push: Button operation Stereo Crystal Turnover Cartridge shutoff ${ }^{16,000}$ cps - Weighted Turntable - Automatic


Special Price 2.50
SPECIAL Complete HO Gauge Train Set

- Hi-impact Plastic Cars - Locomotive Drives on 4 Wheels - Sate-Battery Operated

 freight car, gondola car. caboose. 12 curved track
sections, 2 straight track sections, control box and
BA-157,


NOW AT A NEW LOW PRICE!
"TINY" 6TRANSISTOR RADIO PLUS DIODE AND THERMISTOR SENSATIONAL PERFORMANCE in a Small Package! 6 Transistors Plus Germanium Diode and Thermistor
Vest Pocket Size—Only $4 \mathrm{H} \times 21 / 2 \mathrm{~W} \times 11 / 4=\mathrm{D}$ Earphone Jack Built in For Private Listening Full Tone Dynamic Speaker - Trouble-Free Printed Circuit - Built-In Ferrite Bar Antenna Superheterodyne Circuit

- Economical-Uses Only One Battery


## 2




[^0]:    HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS direct importation makes this price possiblet - frequency response from 2000 cps to beyond audibility - louvered acoustic lens for un GORM SOUND DISPERSION - haNDLES 25 WATTS OF power - price exceptionally low
    
     direct importation makes this price posialed 2
    $>8$
    $\qquad$
    
    
     instructio
    HW-7

[^1]:    yur account with an purchase of $\$ 20.00$ ar
    equired on either "add-on" or reopened accounts for purchases of less than $\$ 100.00$. You simply list the items wanted on the order blank, write "add to my account," and give your account number. Make certain that you sign the Easy Payment Agreement below.

[^2]:    30 glass slides, $3^{\prime \prime} \times 1^{\prime \prime}$, in a fitted, sturdy cardboard container. slotted
    guides hold slides upright for easy indexing. Includes slide covers and viai
    of mounting fluid. Shpg. wt., 1 ib.

