EXCELLENT PERFORMANCE AT LOW COST

$255.00
2-C RECEIVER

- Crystal-controlled First Converter
- Triple Conversion
- Selectable Sidebands without retuning
- Temperature-compensated VFO Tuning
- Solid-state Audio
- Product and AM Detectors
- AVC Switch (Fast, Slow and Off)
- SSB, AM and CW with AVC and S-meter
- Works Break-In CW with 2-NT Xmitter
- 19 Tubes and Semi-Condutors
- Dimensions: 11¾" H x 9½" D. Wt.: 15½ lbs.

Accessories available: 100 kc Calibrator, O Multiplier, Matching Speaker, Noise Blanker, Crystals for other ranges.

DIRECT FREQUENCY DIALING

SW-4A

International Short Wave Broadcast RECEIVER

- Ultra-precision tuning dial accuracy
- Also accurately tunes standard AM Broadcast
- Crystal lattice filter for adjacent station rejection and good audio frequency response
- Dust cover
- Solid-state AF output gives low distortion
good frequency response
- Selectable
- Sensitivity indication
- Preselector gives superior selectivity of peaking antenna and RF stages
- Crystal H. F. Oscillator for exceptional stability on all ranges
- Amplified AVC—gives constant AF output for all signal strengths.

FREQUENCY COVERAGE—15-5, 5-1.0, 1.0-1.5, 6.0-6.5, 7.0-7.5, 9.0-10.0, 11.5-12.0, 15.0-15.5, 17.5-18.0, 21.5-22.0, and 25.5-26.0 megacycles with crystals supplied. These frequencies cover European LF, American MF and International SW Broadcast Bands. SIZE—5½" H, 10¾" wide, cabinet depth 11¾".

ACCESSORIES—Models MS-4 Speaker $19.95 and AL-4 Shielded Directional Loop Antenna for 5-1.5 MC $19.95.

$299.00

TVI MAY BE ELIMINATED WITH THESE DRAKE FILTERS

TV-300-HP High Pass Filter

Provides more than 40 db attenuation at 52 MC and lower. Protects the TV set from amateur transmitters 6 thru 160 meters.

$4.95

88 to 108 MHz FM Filters

FM broadcast xtrans cause much TVI, often blamed on amateur transmitters. A Drake TV-300-FMS installed in TV antenna lead will clear up entire FM band; no adjustments. TV-300-FMI adjustable for superior attenuation of one

TV-300-FMS Band Stop $4.95
TV-300-FMI Tuneable Filter $4.95

Drake Amateur Low Pass Filters

...have four pi sections for sharp cut-off between 8 meters and channel 2, and to attenuate xtrans harmonics falling in any TV channel and the FM band. 52-omh.

TV-1000-LP

Rated 1000 watts input, 200 watts on 8 meters. SO-239 connectors built-in.

$18.75

TV-42-LP

Rated 100 watts input, 50 watts on 8 meters. SO-239 connectors built-in.

$7.65

LN-4 Line Filter

Isolates transmitter or TV set from RF on power line. Attenuates 500 MHz to over 200 MHz. 125 VAC, 10 ampere

$8.00

R. L. DRAKE COMPANY
MIAMISBURG, OHIO 45342

WRITE FOR ADDITIONAL INFORMATION
**DRAKE 4 LINE**

**Superior performance — versatility!**

**R-4B RECEIVER**

- Versatility ...
- Accuracy ...
- Dependability ...

- Linear permeability tuned VFO with 1 kc dial divisions.
- VFO and crystal frequencies pre-mixed for all-band stability.
- Covers ham bands 80, 40, 20, 15 meters completely.
- Any ten 500 kc ranges between 1.5 and 30 Mhz can be covered with accessory crystals for 160 meters, MARS, etc. (50-60 Mc not recommended).
- Four bandwidths of selectivity: 0.6, 1.2, 2.4, and 4.8 kc.
- Finetune gives sideband selection, without retuning.
- Noise blanker that works on CW, SSB, and AM is built-in.
- Notch filter and 25 kc crystal calibrator are built-in.
- Product detector for SSB/CW gives sideband selection for AM.
- Crystal Lattice Filter gives superior cross modulation and overload characteristics.
- Solid State Permeability Tuned VFO.

**T-4XB TRANSMITTER**

- Covers ham bands 80, 40, 20, 15 meters completely.
- 28.5 to 29.5 Mc of 10 meters with crystals furnished; MARS.
- Other frequencies with accessory crystals, except 23.3, 5.6, 10.5-12 Mc.
- Upper and Lower Sideband on all frequencies.
- Automatic Transmit Receive Switching on CW (semi break-in).
- Controlled Carrier Modulation for AM is completely compatible with SSB linear amplifiers.
- VOX or PTT on SSB and AM built-in.
- Adjustable PI Network Output.
- Two 8-pole Crystal-Lattice Filters for sideband selection.
- 24 kc bandwidth Transmitter AGC prevents flat toppling.
- Shaped Grid Block Keying with side tone output.
- 250 Watts PEP input on SSB, 220 watts input CW.
- Meter indicates plate current and relative output.
- Compact size; rugged construction.
- Crystal Lattice Filter gives sideband selection.

**C-4 STATION CONSOLE**

- Puts complete station control at operator's fingertips.
- 24 hour digital clock — lighted, shows correct time to the second.
- Solid state reseetable timer flashes light at identification intervals.
- Station power control with eight 120 VAC and two 240 VAC receptacles, from panel controlled heavy duty power controller.
- Equipment control switch for changing exciters, switches, etc.
- Directional RF wattmeter with 200 and 2000 W full scale.
- Built-in motor control for Ham-M.
- Electronic phone patch gives const. xmt input, works p.t.t., meets phone co. requirements.
- Remote motor-driven coax switch selects from 5 antennas.
- Dimensions: 10 1/2" W, 5 1/2" H, 121/4" D, Wt: 24 lbs.

**Communication Station TR-44B**

- Consists of a R-4B Receiver and T-4B Transmitter in the same cabinet with a built-in speaker.

- Loss power supply and crystals.
- Stacking Assembly only, for R-4B and T-4B: $16.50.
- Mobile Mounting Kit: MMK-44: $15.00.

**4-LINE ACCESSORIES**

- Standard Crystals for T-4XB or R-4B: $5.00.
- Fixed Frequency Crystals: $7.50.
- AC Power Supply, Model AC-4: $39.95.
- Speaker cabinet: $99.95.

**L-4B LINEAR AMPLIFIER**

- Built for continuous duty at full capacity.
- 2000 Watts PEP/SSB.
- 1000 Watts CW, RTTY.
- Class B Grounded-Grid — two 3-500Z Tubes.
- Broad Band Tuned-Input for low distortion, high efficiency.
- RF Negative Feedback gives lower distortion.
- Transmitting AGC for higher audio level without clipping.
- Directional Wattmeter measures forward and reflected power.
- Two Taut-band Suspension Meters.
- Plate Current Meter.
- Plate voltage constant consistent with FCC regulations.
- Solid State Power Supply is separate.
- Quiet, low-voltage, high-volume Blower.
- The simple uncomplicated circuitry, the rugged tubes and the massive construction assures long life span.

The buy of a lifetime ... to last a lifetime

**$925.00 including Power Supply**

**MATCHING NETWORKS**

- General: Integral Wattmeter reads forward power in watts and VSWR directly; can be calibrated to read reflected power.
- Covers: B Bands 50 and transmitter output to coax antenna feedline with VSWR of at least 5:1.
- Covers ham bands 20 thru 10 meters.
- Size: 5 1/2" H, 10 1/2" W, 8 1/2" D.
- Switches in or out with front panel switch.

All prices are amateur net

Prices and specifications subject to change without notice.
**TRANSMITTERS**

- **WF 19.95 1.8-5.4 MHz**
- **CW 18.95 20-200 MHz**
- **CB 12.95 Citizens Band**

*Reads forward and reflects power directly in watts (VSWR from homogenizer). Two spans in each direction. Size: 5 1/4" H x 3 1/4" W x 4 1/4" D.*

**Cardioid Microphone Model 729SRD $17.00**

- Drank-modified EV 729SRD for VOX or PTT with Drex Xmrts
- Hi-Z Ceramic Mike
- **Hi-Z Ceramic Mike**
- **Model 729SRD**
- **Full Scale Calibration Accuracy**
- **Model W-4**
- **2000 watts**
- **1000 watts**
- **CB 10 watts**
- **W-4**
- **200 watts**
- **10 watts**
- **WY-4**
- **10 watts**
- **10 watts**
- **10 watts**

**Matching Speaker**

- **MS-4 $95.00**
- **5 x 7 heavy magnet speaker. Space for power**
- **power supply.**
- **Wt. 6 lbs. Size: 5 1/4" H x 4 1/4" D O. Wt. 1 lb. incl. cable.**

**COMPUTER PACKAGE**

- **$329.95**
- Includes transceiver, three channels supplied, mobile mount, microphone, cox cable, antenna, and built-in AC-DC power supply.

**ACCESSORY CRYSTALS**

- **$8.00**
- **ACCESSORY ANTENNA, MODEL BEATT-14AD**
- **$10.00**

**Output impedance 50 ohms.**

**Complete Optionally**

- **$329.95**
- **Includes transceiver, three channels supplied, mobile mount, microphone, cox cable, antenna, and built-in AC-DC power supply.**
**TR-22**

2-METER FM TRANSCEIVER

in the field

in the car

in the home

Completely transistorized, compact, portable 2-meter VHF-FM transceiver with capability for six channels can be used over the shoulder, mobile, or in your home. Built-in telescoping antenna and SO-239 connector for external antenna. Works perfectly with accessory two-way amplifiers. Uses external 12 VDC or internal rechargeable ni-cad batteries. Built-in 120 VAC 50-60 Hz battery charger.

**GENERAL**
- Frequency Coverage: 144-148 MHz
- 6 channels, 3 supplied: Base: 146.94 MHz, Xmt: 146.94 MHz; Simplex: 146.34 MHz, 146.64 MHz
- Frequency Modulation
- Selectivity 2.1 kHz @ 0 dB, 3.3 kHz @ 80 dB
- AGC

**TRANSMIT:**
- VOX or PTT on SSB or AM
- Input Power: SSB, 900 watts PEP; AM, 290 watts PEP; controlled carrier compatible with SSB linear.
- CW, 200 watts adjustable PEP

**RECEIVE:**
- Sensitivity better than 1/2 uV for 10 dB S/N
- Intermodulation 2.1 kHz @ 0 dB, 3.3 kHz @ 80 dB
- AGC

**ACCESSORIES**
- Dynamic Mic.
- Over-the-Shoulder Carrying Case
- 120 VAC and 12 VDC Cords
- Speaker/Headphone Plug
- 10 Ni-Cad Batteries

**PRICE INCLUDES:**

$199.95

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model AA-22 Accessory Amplifier</th>
<th>$7.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model MMK-22 Mobile Mount for TR-22</td>
<td>$6.95</td>
</tr>
<tr>
<td>Model BBLT-144D Accessory Antenna</td>
<td>$27.95</td>
</tr>
</tbody>
</table>

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**TR-4**

SIDEBAND TRANSCEIVER

**GENERAL:**
- All amateur bands 10 thru 80 meters in seven 600 kHz ranges
- Modes SSB Upper and Lower, CW, and AM
- Built-in Sidetone
- Automatic T/R switching
- Built-in 30 tubes and semi-conductors
- Dimensions: 11 1/2" W, 14 1/4" D, 16 lbs.

**TRANSMIT:**
- VOX or PTT on SSB or AM
- Input Power: SSB, 900 watts PEP; AM, 290 watts PEP
- CW, 200 watts adjustable PEP

**RECEIVE:**
- Sensitivity better than 1/2 uV for 10 dB S/N
- Intermodulation 2.1 kHz @ 0 dB, 3.3 kHz @ 80 dB
- AGC

**ACCESSORIES**

$599.95 34-PNB Plug-In Accessory Noise Blanker $129.00

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**TR-6**

SIDEBAND TRANSCEIVER

**GENERAL:**
- Full coverage of 6 meter band plus IARS
- 49.4 to 54.0 MHz
- 300 watts PEP on SSB, 260 watts CW

**TRANSMIT:**
- VOX or PTT on SSB or AM
- Input Power: 300 watts PEP on SSB, 260 watts CW

**RECEIVE:**
- Sensitivity better than 1/2 uV for 10 dB S/N
- Intermodulation 2.1 kHz @ 0 dB, 3.3 kHz @ 80 dB
- AGC

**ACCESSORIES**

$650.00 including Noise Blanker

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**34-NB**

Noise Blanker Kit for TR-3 and TR-4

Mutes receiver for duration of noise pulse, full gain restored between pulses, most effective against ignition and similar noise
- Mute state
- 9NB PC Board

$129.00

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**MC-4**

Mobile Console

Combines speaker/baffle system with precision wattmeter, Ham-Comp SPKR best for speech
- Mounts over or under transceiver
- 19-54 MHz
- 500 watts PEP
- 10% W x 3 1/2" H x 9 1/2" D

$69.00