Only an **MC-4** can "top" a **Drake TR-4**



the optimum Sideband Transceiver

(Sometimes even the MC-4 ends up on the bottom . . .)



Adding an MC-4 Mobile Console, with its excellent wattmeter and built-in speaker, is the only way to improve a Drake TR-4.

BUILT-IN TR-4 FEATURES

- **Full Frequency Coverage** on all amateur bands 10 through 80 meters. No additional crystals required.
- **300 Watts PEP input on SSB.**
- **Shifted-Carrier CW** 260 watts input
- **Upper and Lower Sideband** all bands.
- **Controlled-Carrier Screen Modulator** for AM
- **VOX or PTT**
- **Output Impedance Adjustable** with pi-net.
- **Two Special 9 MHz Crystal Filters** for sideband selection.
- **1 kHz Dial Accuracy.**
- **100 kHz Crystal Calibrator**
- **Price $599.95 Amateur Net**

ACCESSORIES

MC-4 Mobile Console (shown in photos above)	$ 69.00
MMK-3 Mobile Mounting Kit	$ 6.95
AC-4 115/230 VAC 50/60 Hz Power Supply	$ 99.95
DC-4 12 VDC Solid State Power Supply	$125.00
34PNB Noise Blanker	$100.00

TR-4 SPECIFICATIONS: • **Frequency Coverage:** Full coverage on all amateur bands 10 thru 80 meters, in seven 600 kHz ranges: 3.5 to 4.1 MHz, 7.0 to 7.6 MHz, 13.9 to 14.5 MHz, 21 to 21.6 MHz, 28 to 28.6 MHz, 28.5 to 29.1 MHz, 29.1 to 29.7 MHz. • **Solid State VFO:** Has linear permeability tuning. Tunes 4.9 to 5.5 MHz for all ranges. • **Dial Calibration:** 10 kHz divisions on main tuning dial and 1 kHz divisions on the tuning knob skirt. • **Frequency Stability:** High stability solid state VFO tunes same range on all bands. Drift is less than 100 cycles after warm-up, and less than 100 cycles for plus or minus 10% line voltage change. • **Modes of Operation:** SSB Upper and Lower Sideband, CW and AM. • **Misc:** 20 tubes including voltage regulator; two transistors; 8 diodes; 100 kHz crystal calibrator built in; Dimensions: 5½" high, 10¾" wide, 14$^{3}/_{8}$" deep. Weight: 16 lbs . . . **TRANSMITTER:** • **Single Sideband:** 300 watts P.E.P. input power, VOX or PTT. Two special 9 MHz crystal filters provide upper or lower sideband selection on any band, without the necessity of shifting oscillators. • **CW:** Power input 260 watts. Carrier is shifted approximately 1000 cycles into one sideband, and mixer and driver are keyed. Grid block keying is free from chirps and clicks. Automatic transmit/receive switching when key is operated. CW sidetone oscillator for monitoring. • **AM:** Controlled carrier AM screen modulator is built-in. 260 watts P.E.P. input. Low carrier power increases 6 times to 50 watts output at maximum modulation. This system is compatible with SSB linears. VOX or PTT. Diode detector used for receiving on this mode. Product Detector can be used by switching manually . . . **RECEIVER:** • **Sensitivity:** Less than ½ microvolt for 10 dB S/N • **I. F. Selectivity:** 2.1 kHz at 6 dB, 3.6 kHz at 60 dB. • **Antenna Input:** Nominal 50 ohms. • **Audio Response:** 400 to 2500 cycles at 6 dB. • **Audio Output Power:** 2 watts. • **Impedance:** 4 ohms.

MC-4 SPECIFICATIONS: • **Frequency Coverage:** 1.8-54 MHz • **Line Impedance:** 50 Ohm resistive • **Accuracy:** ± (5% of reading +3 watts) • **Power Capability:** 300 watts forward or reflected • **Controls:** Front panel 2-position switch selects forward or reflected power • **Speaker:** 3" x 5" oval, 2.98 ounce ceramic mag.

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