

TEN-TEC TRANSCEIVERS



ALSO AVAILABLE IN MODULES
FOR KIT-TYPE ASSEMBLY

ADVANCED DESIGN ● SUPERB CRAFTSMANSHIP

SPECIFICATIONS

PM2

- **Transmitter:** Oscillator-buffer driving 2-watt transistor amplifier
- **Frequency Range:** 7.0-7.3 and 3.5-4.0 MHz (drift less than 100 Hz). A fixed link output circuit matches 50-75 ohm antenna systems.
- **Selectivity:** 2.0 KHz
- **Power Required:**
12 volts DC 20 ma. (receive)
200 ma. (transmit)
- **Sensitivity:** Less than 1 microvolt readable signal
- **Semiconductor Devices**
(4) Silicon Transistor
(1) Integrated Circuit
(1) Dual Gate MOSFET
- **Size:** 10 $\frac{3}{8}$ " wide × 4 $\frac{1}{2}$ " high
× 6 $\frac{5}{8}$ " deep

CLEAN, CRISP SIGNALS ON EVERY QSO.

The PM2 is ideal for the Novice, for portable operation, QRP work and for emergency service. It may be used to drive a linear amplifier. The PM2 is a wired, ready-to-operate low power 40 and 80 meter, band-switching CW transceiver, with flywheel tuning and slide-rule dial. It can be crystal controlled for Novice use.

The PM2 has front panel controls for tuning, band selection, power on-off, receiver volume, transmit-receive, VFO/crystal, receiver peaking, oscillator tuning and amplifier tuning. A meter is provided to show power amplifier current.

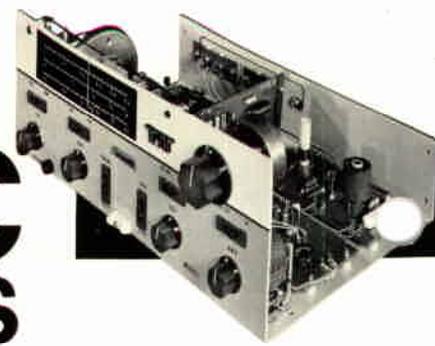
PM2 \$54.95

PM1 (same as PM2 except without case) . . \$49.95



POWER-MITE
PM3

TEN-TEC TRANSCEIVERS



**PORTABLE
COMPACT
BATTERY-
OPERATION**

The Power-Mite PM-3 opens the door to exciting adventure in low power amateur radio communication. Old-timers who are a little bored with high power are finding the Power-Mite a refreshing challenge. Beginners experience all the thrills of conquering distance and making new friends.

The PM3 excels as a traveling companion, too. Compact, it only needs an antenna, headphones and a lantern battery for instant communication wherever you are.

Most expensive features are included in its modest cost. Built-in side-tone, also mutes the receiver when transmitting. Integral complete break-in with adjustable delay makes operating virtually effortless. Keying is clean and wave shaped for pleasant listening.

The Power-Mite is a Synchronyne direct conversion receiver using a dual-gate MOSFET and an integrated circuit. Drift is less than 100 Hz. Adequate sensitivity even for "down under" DX signals. An "M" derived filter provides 2 KHz selectivity.

The entire transceiver, less power supply, is housed in an attractive formed aluminum case. Molded end panels have handsome wood-grained inserts which harmonize with the modern decor of the front panel and case.

PM3 . . . \$69.95

PM3A with break-in keying \$79.95

SPECIFICATIONS

Frequency Range:	Band	Range
	40 meters	7.0 7.4 MHz
	20 "	14.0 14.8 "

Finish: Baked enamel.
End panels, Walnut wood grain.
Power Required: 12 volts @ 20 ma. on receive, 500 ma. on transmit.
Semi-conductor Devices: 1 Dual-gate MOSFET
1 Integrated circuit
6 Silicon transistors
Types of reception: CW—SSB—AM
Selectivity: 2 KHz at 5 db down points
Sensitivity: Less than 1 uv produces a readable signal
Antenna Output Impedance: 50-75 ohms.
Audio: Output impedance—1000 ohms. Frequency response \pm 3 db 200-2500 Hz.
Frequency Stability: Less than 100 Hz drift. No warm-up.
Power Input: Approximately 5 watts.
Front Panel Controls: Power On-Off, 40-20 band switches (3) transmit-receive, volume, receiver resonate, tune-operate, buffer tune, final resonate. Metered final amplifier current. Tip jacks are provided for head phones.
Tuning: Slide rule dial. Flywheel tuning.
Size: 4½" high, 10¾" wide, 6¾" deep.
Shipping weight: 2 pounds.