

REGULATED 12-14 VDC POWER SUPPLIES

TEN-TEC offers five power supplies in three current/wattage ranges. All have well regulated output voltages and overload protection circuits. These power supplies are designed to convert 117 VAC into a nominal 13 VDC. They are ideal for powering all types of mobile communications and electronic equipment from an AC power source. Their high degree of regulation eliminates possible malfunctions in equipment that present a varying load to the supply, such as Class AB, B, and C amplifiers. And their low ripple content, even at rated output current, guards against unwanted hum and modulation components entering the equipment.

All supplies are available with dual 115/230 VAC inputs at slight additional cost.



MODEL 262M HIGH CURRENT SUPPLY WITH BUILT-IN VOX

Designed especially for use with TEN-TEC transceivers, this deluxe power supply offers metered output, high current, and VOX facilities. The 262M will deliver up to 225 watts of DC power, just right for TEN-TEC transceiver models 540 and 544. An integral overload current protection circuit is activated when more than 20 amperes are drawn from the supply. This electronic circuit breaker is a latching type, requiring manual reset. Primary power is switched from the front panel or remotely from the transceiver. All solid-state circuitry with DC panel ammeter.

The VOX circuitry of the 262M provides this valuable operating facility without taking up more space at the operating position. A panel switch is provided for PTT operation and a unique circuit eliminates the Anti-VOX control. Your low-frequency voice components, not present in the transceiver speaker output, control the T/R switching. Model 262M/E (115-230 VAC)

SPECIFICATIONS — Power Supply:

INPUT VOLTAGE: 117 VAC, 50-60 Hz. OUTPUT VOLTAGE: 13.0 VDC, ± 0.5 V. REGULATION: Better than 1%, no load to full load @ 117 VAC. OUTPUT CURRENT: Zero to 18 amperes. RIPLE: Less than 60 mV, peak-to-peak @ 18 amperes and 117 VAC. CIRCUIT BREAKER: Trips at 20 amperes. Manual reset. OUTPUT CONNECTIONS: One 4-pin AMP MATE-N-LOK type. Two Phono Jacks for low current. FINISH: Satin aluminum front panel, black pebble-grain sides and top. SIZE: HWD $4\frac{1}{2}'' \times 8\frac{1}{4}'' \times 13''$. WEIGHT: 15 lbs.

SPECIFICATIONS — VOX:

MICROPHONE INPUT IMPEDANCE: Greater than 3 megohms, for crystal, ceramic, or hi-z dynamic mikes. TRANSMITTER MICROPHONE CHANNEL GAIN: Unity. MAXIMUM MICROPHONE INPUT LEVEL: 250 mV. SENSITIVITY OF VOX CHANNEL: Less than 1 mV @ 200 Hz trips T/R. DELAY: Adjustable from 0.1 to 1.0 sec.