PT-IP Alpha Page™ Pocket Paging Transmitter

Alpha Page™ alphanumeric pocket paging systems from Alpha Communications® use the PT-IP paging transmitter. The PT-IP transmits a UHF (450-470 MHz, programmable, synthesized frequency) paging signal in the POCSAG format. POCSAG baud rate 512/1200 is DIP switch selectable. RF power output is programmable to 2W or 4W. Paging range depends on building construction. Range can exceed two (2) miles (line of site). The transmitter contains a carrier detection receiver. Multiple transmitters on the same frequency can be used on a site. Each transmitter will wait until the frequency/channel is clear before transmitting. No pager database programming of the PT-IP is required. The MLS processor boards and/or PC software attached to the PT-IP provide all programming. A 6" unity gain flexible antenna is included that connects directly to the transmitter with a twist-on BNC type coupling. The front panel contains 10 LED indicators for RS-232 data status and transmitter status. A regulated DC power supply is also included.

When used with the Alpha Page™ alphanumeric pocket paging system, each PT-IP also requires the following components; 2-MLS-485PC Network Controllers, 1-PTIP-MOD-1 Adapter, 1-DB9-MOD6-1 Adapter and 1-MLS-MOD6-3 Modular cable.

Specifications

- **RF Power Output:** 2 Watts or 4 Watts
- **Modulation:** Direct FM
- **Signal Format:** POCSAG, 512 or 1200 baud
- **Power Supply:** 12VDC to 13.8VDC, 2A
- **Dimensions:** 11.10" H x 8.70" W x 1.80" H
- **Weight:** 2.9 Lbs.
- **Distortion:** <5%
- **Spurious & Harmonic Emissions:** <60dB
- **RF Connector:** BNC/50 ohm (female)
- **Mounting:** Surface wall/via 4 keyholes