

## Paging Base Transmitter TR-9010-W2/TR-9010-W5



**Description:** When used with Cornell System, the TR-910-W2 and TR-9010-W5 allows text, numeric, tone/vibrate messages to be immediately delivered to industry standard POCSAG pagers. The TR-9010-W2/TR-9010-W5 allows you to automatically messages to industry standard on-site pagers.

### Transmitter Includes:

- Supports TAP, COMP1, COMP2, and WaveWare proprietary interface protocols, via DOP switch selection
- Compatible with industry standard POCSAG pagers
- Supports POCSAG alphanumeric, numeric and tone/vibe messaging at RF data rates of 512, 1200, 2400bps
- Available as VHF model (148-174MHz) or UHF model (400-430MHz and 440-470MHz)
- Supports TAP interface protocol v1.8, with enhancements including control character embedding, extended pager ID processing, and function code control
- Programmable EEPROM based pager database using Windows based programming software (included with software). Pager database can be bypassed using unique extended pager ID formatting methods.
- Programmable single wet contact triggered transmission of predefined message
- Programmable host system monitoring function, using timer triggered transmission of a predefined message if host system communications don't occur for two minutes
- Programmable operating frequency (requires option radio programming kit)
- Pagers, amplification kits, and FCC site licensing services also available.

### Technical Information:

- Power: 2 Watts or 5 Watts
- Dimensions: 9" (H) x 8.5" (W) x 2.25" (D)
- Operating Environment: 0° C to 28° C (32° F to 82° F) Indoor Non-Condensing
- Antenna Connection: BNC Female
- Frequency Source: Synthesized Transceiver - TecNet Maxon SD-125E
- Frequency Range: UHF2 (440-470 MHz), UHF1 (400- 430 MHz) and VHF (148-175 MHz)
- Frequency Stability: Models UHF  $\pm$  2.5 ppm, VHF  $\pm$  5.0 ppm
- Operations Rating: Intermittent, 66% Duty Cycle
- Modulation Deviation:  $\pm$  2.5 KHz (Narrowband)
- Bandwidth: 12.5 KHz (Narrowband)