

Proven performance and reliability.

The T800 base station/repeater range is a comprehensively featured range of conventional and MPT 1327 trunked products, providing proven reliability and superior RF performance at an economical price.



KEY FEATURES

- ▶ The T800 Series II base stations are built from high performance modules offering superior RF performance and rugged construction
- ▶ Available in the 66-88 MHz frequency band
- ▶ A versatile modular base station that can be configured to suit your business needs

GENERAL

| | Transmitters/Exciters/PAs | Receivers |
|------------------------------|--|--|
| Frequency range | 66-88MHz | 66-88MHz |
| Rated power | 50W Continuous Duty | |
| Channel Spacing | 12.5kHz, 20kHz, 25kHz | 12.5kHz, 20kHz, 25kHz |
| No. of channels | 128 channels serial programmable | 128 channels serial programmable |
| Power supply requirements | 13.8V/240V AC or 110V AC | 13.8V/240V AC or 110V AC |
| Dimensions | 50W: 7.2 x 4.7 x 13.4in (183 x 120 x 340mm) | 7.2 x 2.4 x 13.4in (183 x 60 x 340mm) |
| Weight | 50W: 11.5lb (5.2kg) | 4.6lb (2.1kg) |
| Required rack space | 2.4 x 14.7 x 7.1in of 5U, 19in rack (60 x 120 x 180mm of 5U, 483mm rack) | 2.4in of 5U, 19in rack (60mm of 5U, 483mm rack) |
| Current consumption | Transmit 50W 12A Standby 150mA | Standby 350mA |
| Operating temperature | -22°F to 140°F (-30°C to 60°C) | -22°F to 140°F (-30°C to 60°C) |
| Audio response | Flat pre-emphasis/de-emphasis (6dB/octave) | Flat pre-emphasis/de-emphasis (6dB/octave) |
| Band spread | 8MHz | 2MHz (80MHz), 3MHz (VHF), 5MHz (UHF), 6MHz (800MHz) |
| FM hum and noise | 55dB (25kHz) 50db (12.5kHz) | 55dB (25kHz) 50db (12.5kHz) |
| Max deviation | 5kHz | |
| Conducted spurious emissions | +36dBm to 1GHz | |
| Audio line distortion | 2% max | 2% max |
| Audio output | +10dB @ 600ohms | |
| Spurious response rejection | 100dB | |
| Selectivity intermodulation | Selectivity: 90dB Intermodulation: 85dB | |
| Technical compliance | Meets or exceeds: ETTS300-086 (RF) ETTS300-113 (data) ETTS300-219 (tone calling) ETTS300-279 (EMC) FCC and RSS requirements | Meets or exceeds: ETTS300-086 (RF) ETTS300-219 (tone calling) ETTS300-279 (EMC) FCC and RSS requirements |

Authorized Partners

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. All specifications shown are typical.

*Contact your local Tait representative for more information.

For further information please check with your nearest Tait office or authorized dealer.

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Tait Limited facilities are certified for ISO9001:2008 (Quality Management System), ISO14001:2004 (Environmental Management System) and ISO18001:2007 (Occupational Health and Safety Management System) for aspects associated with the design, manufacture and distribution of radio communications and control equipment, systems and services. In addition, all our Regional Head Offices are certified to ISO9001:2008.

