

# 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: ETS300-086 (RF) ETS300-113 (data) ETS300-219 (tone calling) ETS300-279 (EMC) FCC and RSS requirements	Meets or exceeds: ETS300-086 (RF) ETS300-219 (tone calling) ETS300-279 (EMC) FCC and RSS requirements

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Tait is your complete supplier of radio communications equipment offering mobile, portable and infrastructure solutions. Tait is renowned for its flexibility, responsiveness and commitment to producing innovative world-class mobile radio communications products.

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

+Please note that not all frequency bands and power outputs are available in all markets. For further information please check with your nearest Tait office or authorized dealer.

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