

# T800 Slimline

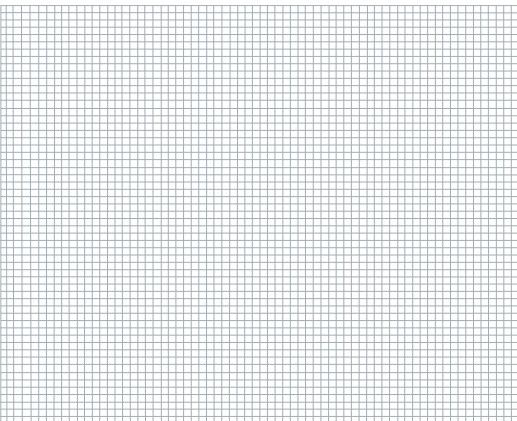
## Specifications

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.

The range includes the T800SL (Slimline) and T800 Series II base stations, built from high performance modules offering superior RF performance and rugged construction. Swipe contacts, battery-only or battery-on radio charging, desktop fast chargers provide efficient battery management.

Please see the T800 Series II specifications sheet for details relating to this product.

The T800 range is now only available in the 66-88MHz frequency band. For the most part, the T800 has been replaced by the high performing, highly flexible TB8100 base station/repeater series.



ISO 9001  
ISO 14001

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 are available in all markets.

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AUTHORIZED DEALER

General		
	Transmitters/Exciters/PAs	Receivers
Frequency range	66-88MHz	66-88MHz
Rated power	25W	
Channel spacing	12.5kHz, 20kHz, 25kHz, 30kHz	12.5kHz, 20kHz, 25kHz, 30kHz
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 (H x W x D)	3.5 x 19 x 12.7in (89 x 482 x 322mm) plus 2in (50mm) clearance	3.5 x 19 x 12.7in (89 x 482 x 322mm) plus 2in (50mm) clearance
Weight	18lb (8.55kg)	18lb (8.55kg)
Required rack space	2U	2U
Current consumption	Transmit: 25W 5A 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)	Meets or exceeds: ETS300-086 (RF) ETS300-219 (tone calling) ETS300-279 (EMC) FCC and RSS requirements