

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Tait T807-10* at our website: *Click HERE*

T800 Series II
Reliable
High Performance



Complete Range of Products

- T800 Series II is a comprehensively featured range of conventional and MPT 1327 trunked products, specially designed to fulfil the voice and data requirements of fixed radio equipment.

Full Range of Frequencies

- High performance modules from 66 to 960MHz, inherent reliability of SMD manufacturing housed in rugged die cast construction make the T800 range ideal for professional applications.

Proven RF Performance

- With the sensitivity required for the top of a remote mountain and the selectivity for the middle of a crowded urban repeater site, the T800 offers superior RF performance at a cost effective price.

International Benchmark

- T800 Series II equipment from Tait Electronics is used in over 80 countries. Behind every module is 30 years of experience in design and manufacture from a company committed to excellence in radio communications.

- Used by the majority of British Police Forces.
- Installed in sites from the snow of Antarctica to the sand of the Gobi Desert.



Portable Repeater



T800SL Base Station



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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General Specifications	Transmitters/Exciters/PA's	Receivers
Frequency Range	VHF: 66-88MHz 136-174MHz 220-285MHz UHF: 330-380MHz 400-520MHz 800-960MHz* *1W and 70W	VHF: 66-88MHz 136-174MHz 220-285MHz UHF: 330-380MHz 400-520MHz 800-960MHz
Rated Power	25W 50W Continuous Duty 100W Continuous Duty	
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
Current Consumption	Transmit 25W 5A, 50W 12A, Standby 150mA	Standby 350mA
Operating Temperature	+60°C to -30°C	+60°C to -30°C
Audio Response	flat or pre-emphasis/ de-emphasis (6dB/octave)	flat or 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 & RSS requirements	Meets or exceeds: ETS300-086 (RF) ETS300-219 (tone calling) ETS300-279 (EMC) FCC & RSS requirements
Dimensions	25W 183 x 60 x 340mm 7.2"x 2.4"x 13.4" 50W 183 x 120 x 340mm 7.2"x 4.7"x 13.4" 100W 183 x 180 x 340mm 7.2" x 7.1" x 13.4"	183 x 60 x 340mm 7.2"x 2.4"x 13.4"
Weight	25W 2.1kg (4.6 lb) 50W 5.2kg (11.5 lb) 100W 5.6kg (12.3 lb)	2.1kg (4.6 lb)
Required Rackspace	60/120/180mm of 5U, 483mm Rack 2 4"/14.7"/7.1" of 5U, 19" Rack	60mm of 5U, 483mm Rack 2.4" of 5U, 19" Rack
Standard Features	CTCSS per channel 8 programmable output lines per channel 3 programmable timers (tail,time-out and lock-out) Voice or data compatible Fast key-up option Configurable audio processor Metering outputs Dual output stages for reliability (1OOW PA) Hand Microphone operation Opto-dc or loopkeying Versatile rack formats Paging board (POCSAG) 1, 1.5, 2ppm	CTCSS per channel 8 programmable output lines per channel VCO out-of-lock indicator Noise or carrier squelch Configurable audio processor Metering outputs RSSI (optional for some models) Voice or data compatible Versatile rack formats DCS, Selcall 1, 1.5, 2ppm
Options/Ancillaries	T803 Tone Remote / Alarm Monitoring Module T804 Remote Diagnostics and Control T807 Power Supply Unit for 25/50W Repeater T808 Power Supply Unit for 100W Repeater Many rack options to suit a variety of needs Simulcast / Quasi-Sync system modules Paging options also available	
Typical Performance Figures	Specifications are subject to change with measurement standards and without notice and shall not form part of any contract.	

Tait is your complete supplier of radio communications equipment, with mobile, portable and infrastructure solutions. Our experience spans 30 years, covering off-the-shelf and customised products, single site systems and complete turnkey systems.

TELARC REGISTERED SUPPLIER

TAIT Electronics Ltd is an ISO 9001 registered supplier. Certificate No.461.

ISO 9001

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Gold-standard solutions

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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