



# T800 Series II Paging Transmitters



T800 series transmitters have gained wide acceptance in many world markets, based on success in critical and demanding applications.

Tait Paging Transmitters are engineered to sustain the high duty cycles and constant on/off keying that your business demands from them. Our reliable paging transmitters sustain business revenues, avoid high field service costs and keep customers happy.

#### Key Features:

- Tait power amplifier solutions up to 200 Watts
- Driver modules may be used with OEM power amplifiers
- Simulcast compatible
- Option for an external frequency reference (.01PPM)
- Configurable broadcast delay for network usage
- Compliant for many formats
- Wide frequency coverage
- Solutions for Tone/voice combined with data paging
- Enhanced remote access with optional T803 Tone Remote



**T800 SERIES PAGING: CONTROL WITHOUT COMPROMISE**

**TAIT**  
**T800**  
PAGING



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## SPECIFICATIONS FOR TRANSMITTERS/EXCITERS/POWER AMPLIFIERS \*

<b>Power Supply Requirements:</b>	13.8VDC, 110AC, 240VAC
<b>Output Power(VHF &amp; UHF):</b>	25, 100(reducable), 200 Watts
<b>Frequency Range:</b>	148-174 MHz 440-480 MHz
<b>Formats:</b> (not all formats are available with all hardware solutions)	POCSAG 512,1200, 2400(APOC) 2 level FLEX 1600 GOLAY Tone/voice
<b>Channels:</b>	128 Channels, serial programmable
<b>Current Consumption(13.8V):</b>	Transmit: 25 Watts 5A, 100 Watts 21A Standby current 150mA
<b>Operating temperature:</b>	+60°C to -30°C, 140°F to -22°F
<b>Duty cycle</b>	100 W: 100% +60°C to-30°C 25 W: 100% at 25°C, 25% at 60°C, 10 W: 100% @ 40°C
<b>Audio Response:</b>	flat or preemphasis
<b>Bandspread:</b>	8 MHz
<b>FM Hum and noise:</b>	55dB(25 KHz)
<b>Max Deviation:</b>	5 KHz
<b>Conducted Spurious Emissions:</b>	-36dBm to 1GHz
<b>Audio Line Distortion:</b>	2% maximum
<b>Technical Compliance:</b>	Numerous compliances, check with your Tait representative
<b>Dimensions:</b>	25W 183x 60x340 mm, 7.2"x2.4"x13.4" 100 W 183x180x340mm, 7.2"x 7.1"x 13.4"
<b>Weight:</b>	25W 2.1Kg, 4.6lb 100W 5.6Kg, 12.3lb
<b>Required Rackspace:</b>	25W: 2U horizontal configuration or 5Uin a single vertical slot 100 W: 5U 2 slots, 200 Watts various options
<b>Standard Features:</b>	8 programmable output lines per channel 3 programmable timers(tail, time out, lock out) fast key up option metering outputs dual output stages for reliability (100W) opto-dc or loop keying versatile rack formats various frequency reference options .01ppm(ext ref), 1,1.5 2 ppm cyclic keying as standard Simulcast option
<b>Options/Ancillaries:</b>	T801-20-0000 external high stability reference oscillato T803 tone remote for alarm monitoring/site control T807/T808 power supplies

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.

\*Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. For further information please check with your nearest Tait office or authorized dealer. For full details of Technical Specifications consult the service manual, or request a copy of the Technical Specifications. Tait Electronics Ltd is an ISO 9001 registered supplier. Certificate No.461.



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