

T800

Base Station/Repeaters

T800 Availability Matrix					
	Frequency MHz				
	66-88	136-174	400-520	216-225	800-960
5W	•	•	•		•
25W	•	•	•		
50W PA	•	•	•		
100W PA		•	•	•	
200 W with combiner		•	•	•	
Wideband	•	•	•	•	•
Narrow band	•	•	•	•	•
Portable repeater available	•	•	•		5W
Paging solution available		•	•	•	
TA703 changeover	•	•	•	•	•

T800 SL and SL2 Availability Matrix		
	SL	SL2
66-88 MHz	•	
136-174 MHz	•	
400-520 MHz	•	•
800-960 MHz	•	

Repeaters and Base Stations

High Performance

Design features low noise circuitry with high intermodulation rejection, giving a high level of immunity to interference. The T800 Receiver is ideally suited for use on high-density sites. On sites with only small numbers of other users, then multi-coupler and filtering requirements are lower, with corresponding cost savings.

Modular Design

Plug-in modules simplify on-site servicing. A replacement module is simply plugged in, allowing the original to be brought back to the workshop for servicing. Down time is minimized, and the units may then be serviced under ideal working conditions.

Versatility

Modular construction allows assembly of systems to individual requirements. Even complex or unusual systems can be realized within a compact size.



Rugged Die-cast Construction

Integrated die-cast modules are exceptionally robust, which ensures retention of electrical integrity; the total package is one of outstanding reliability.

Programmable Channels

Up to 128 channels can be programmed, for internal dipswitch selection or external control. Also, you can keep that plug-in replacement for rapid response to system faults.

Important note!	Please replace the 'x' in the product code below to indicate WB or NB Use x =W 25 KHz x =N 12.5KHz in the product codes below. E.g. T-RB1WA0U-50 is a wideband (25kHz) 25W, 110V, 136-156MHz, Repeater
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- All repeaters and base stations over 50W include a fan.

136-225 MHz Repeaters and Base Stations						
			Repeater Product Code	US List Price	Base Station Product Code*	US List Price
136-156 MHz	25 Watt	110V	T-RB1xA0U-50	4,479	T-BB1xA2U-50	4,881
		12V	T-RB1xD0U-50	3,586	T-BB1xD2U-50	3,988
	50 Watt	110V	T-RB2xA0U-50	5,609	T-BB2xA2U-50	6,011
		12V	T-RB2xD0U-50	4,716	T-BB2xD2U-50	5,118
	100 Watt	110V	T-RB3xA0U-50	6,288	T-BB3xA2U-50	6,690
		12V	T-RB3xD0U-50	5,274	T-BB3xD2U-50	5,676
148-174 MHz	25 Watt	110V	T-RC1xA0U-50	4,479	T-BC1xA2U-50	4,881
		12V	T-RC1xD0U-50	3,586	T-BC1xD2U-50	3,988
	50 Watt	110V	T-RC2xA0U-50	5,609	T-BC2xA2U-50	6,011
		12V	T-RC2xD0U-50	4,716	T-BC2xD2U-50	5,118
	100 Watt	110V	T-RC3xA0U-50	6,288	T-BC3xA2U-50	6,690
		12V	T-RC3xD0U-50	5,274	T-BC3xD2U-50	5,676
216-225 MHz	100 Watt	110V	T-RI3xA0U-50	6,288	T-BI3xA2U-50	6,690
		12V	T-RI3xD0U-50	5,274	T-BI3xD2U-50	5,676

* includes coaxial relay

Important note! Please replace the 'x' in the product code below to indicate WB or NB
 Use x =W 25 KHz x =N 12.5KHz in the product codes below.

E.g. T-RD1WA0U-50 is a wideband (25kHz) 25W, 110V, 400-440 MHz, Repeater

- All repeaters and base stations over 50W include a fan.

400-960 MHz Repeaters and Base Stations						
			Repeater Product Code	US List Price	Base Station Product Code*	US List Price
400-440 MHz	25 Watt	110V	T-RD1xA0U-50	4,479	T-BD1xA2U-50	4,881
		12V	T-RD1xD0U-50	3,586	T-BD1xD2U-50	3,988
	50 Watt	110V	T-RD2xA0U-50	5,609	T-BD2xA2U-50	6,011
		12V	T-RD2xD0U-50	4,716	T-BD2xD2U-50	5,118
	100 Watt	110V	T-RD3xA0U-50	6,288	T-BD3xA2U-50	6,690
		12V	T-RD3xD0U-50	5,274	T-BD3xD2U-50	5,676
440-480 MHz	25 Watt	110V	T-RE1xA0U-50	4,479	T-BE1xA2U-50	4,881
		12V	T-RE1xD0U-50	3,586	T-BE1xD2U-50	3,988
	50 Watt	110V	T-RE2xA0U-50	5,609	T-BE2xA2U-50	6,011
		12V	T-RE2xD0U-50	4,716	T-BE2xD2U-50	5,118
	100 Watt	110V	T-RE3xA0U-50	6,288	T-BE3xA2U-50	6,690
		12V	T-RE3xD0U-50	5,274	T-BE3xD2U-50	5,676
480-520 MHz	25 Watt	110V	T-RF1xA0U-50	4,479	T-BF1xA2U-50	4,881
		12V	T-RF1xD0U-50	3,586	T-BF1xD2U-50	3,988
	50 Watt	110V	T-RF2xA0U-50	5,609	T-BF2xA2U-50	6,011
		12V	T-RF2xD0U-50	4,716	T-BF2xD2U-50	5,118
	100 Watt	110V	T-RF3xA0U-50	6,288	T-BF3xA2U-50	6,690
		12V	T-RF3xD0U-50	5,274	T-BF3xD2U-50	5,676
800-870 MHz	5 Watt	110V	T-RP4xA0U-50	4,575	T-BP4xA2U-50	5,152
		12V	T-RP4xD0U-50	3,682	T-BP4xD2U-50	4,259
890-960 MHz	5 Watt	110V	T-RR4xA0U-50	9,225	T-BR4xA2U-50	9,694
		12V	T-RR4xD0U-50	8,332	T-BR4xD2U-50	8,801

* includes coaxial relay

A Tait Repeater consists of:

- An assembled Rackframe
- Receiver
- Exciter or Transmitter
- Power Amplifier

A Tait Base Station consists of:

- An assembled Rackframe
- Receiver
- Exciter or Transmitter
- Power Amplifier
- Antenna Relay

The T800II can also be configured as a tone remote controlled base station:

<u>Important note!</u>	Please replace the 'x' in the product code below to indicate WB or NB Use x =W 25 KHz x =N 12.5KHz in the product codes below. E.g. T-BB1 <u>W</u> A2T-50 is a wideband (25kHz) 25W, 110V, 136-156MHz, Base Station
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- All repeaters and base stations over 50W include a fan.

136-220 MHz Tone Controlled Base Stations				
			Base Station Product Code*	US List Price
136-156 MHz	25 Watt	110V	T-BB1xA2T-50	5,807
		12V	T-BB1xD2T-50	4,914
	50 Watt	110V	T-BB2xA2T-50	6,937
		12V	T-BB2xD2T-50	6,044
	100 Watt	110V	T-BB3xA2T-50	7,616
		12V	T-BB3xD2T-50	6,602
148-174 MHz	25 Watt	110V	T-BC1xA2T-50	5,807
		12V	T-BC1xD2T-50	4,914
	50 Watt	110V	T-BC2xA2T-50	6,937
		12V	T-BC2xD2T-50	6,044
	100 Watt	110V	T-BC3xA2T-50	7,616
		12V	T-BC3xD2T-50	6,602
216-225 MHz	100 Watt	110V	T-BI3xA2T-50	7,616
		12V	T-BI3xD2T-50	6,602

* includes coaxial relay

The T800II can also be configured as a tone remote controlled base station:

Important note!	Please replace the 'x' in the product code below to indicate WB or NB Use x =W 25 KHz x =N 12.5KHz in the product codes below.
Station	E.g. T-BD1 <u>W</u> A2T-50 is a wideband (25kHz) 25W, 110V, 400-440 MHz, Base

- All repeaters and base stations over 50W include a fan.

400-960 MHz Tone Controlled Base Stations				
			Base Station Product Code*	US List Price
400-440 MHz	25 Watt	110V	T-BD1xA2T-50	5,807
		12V	T-BD1xD2T-50	4,914
	50 Watt	110V	T-BD2xA2T-50	6,937
		12V	T-BD2xD2T-50	6,044
	100 Watt	110V	T-BD3xA2T-50	7,616
		12V	T-BD3xD2T-50	6,602
440-480 MHz	25 Watt	110V	T-BE1xA2T-50	5,807
		12V	T-BE1xD2T-50	4,914
	50 Watt	110V	T-BE2xA2T-50	6,937
		12V	T-BE2xD2T-50	6,044
	100 Watt	110V	T-BE3xA2T-50	7,616
		12V	T-BE3xD2T-50	6,602
480-520 MHz	25 Watt	110V	T-BF1xA2T-50	5,807
		12V	T-BF1xD2T-50	4,914
	50 Watt	110V	T-BF2xA2T-50	6,937
		12V	T-BF2xD2T-50	6,044
	100 Watt	110V	T-BF3xA2T-50	7,616
		12V	T-BF3xD2T-50	6,602
800-870 MHz	5 Watt	110V	T-BP4xA2T-50	6,078
		12V	T-BP4xD2T-50	5,185
890-960 MHz	5 Watt	110V	T-BR4xA2T-50	10,620
		12V	T-BR4xD2T-50	9,727

* includes coaxial relay

T800SL - Slimline Repeaters and Base Stations

Provides:

- Professional RF performance at a competitive price
- Well integrated design to minimize configuration time
- Proven T800 RF platform
- 2U high
- Jumpers, dip switches and snap connectors avoid wiring problems



Features:

- Slimline configuration 2U 19" rack
- 128 Channel capacity
- CTCSS
- Rugged Construction
- High performance

The T800SL can be configured as a conventional repeater, a line connected (tone remote controlled) base station or used with MPT1327 control equipment for Trunked radio applications.

Important note! Please replace the 'x' in the product code below to indicate WB or NB
Use x =W 25 KHz x =N 12.5KHz in the product codes below.

E.g. T-LB1WB0U-50 is a wideband (25kHz) 25W, 110V, 136-156MHz, Repeater

T800SL – Slimline Repeaters and Base Stations						
			Repeater Product Code	US List Price	Base Station Product Code*	US List Price
136-156 MHz	25 Watt	110V	T-LB1xB0U-50	2,497	T-LB1xB2U-50	2,911
		12V	T-LB1xD0U-50	2,265	T-LB1xD2U-50	2,679
148-174 MHz	25 Watt	110V	T-LC1xB0U-50	2,497	T-LC1xB2U-50	2,911
		12V	T-LC1xD0U-50	2,265	T-LC1xD2U-50	2,679
400-440 MHz	25 Watt	110V	T-LD1xB0U-50	2,497	T-LD1xB2U-50	2,911
		12V	T-LD1xD0U-50	2,265	T-LD1xD2U-50	2,679
440-480 MHz	25 Watt	110V	T-LE1xB0U-50	2,497	T-LE1xB2U-50	2,911
		12V	T-LE1xD0U-50	2,265	T-LE1xD2U-50	2,679
480-520 MHz	25 Watt	110V	T-LF1xB0U-50	2,497	T-LF1xB2U-50	2,911
		12V	T-LF1xD0U-50	2,265	T-LF1xD2U-50	2,679
800-870 MHz	5 Watt	110V	T-LP4xB0U-50	3,352	T-LP4xB2U-50	3,822
		12V	T-LP4xD0U-50	3,250	T-LP4xD2U-50	3,719
890-960 MHz	5 Watt	110V	T-LR4NB0U-50	3,352	T-LR4NB2U-50	3,822

* includes coaxial relay

T800SL2 - Slimline Repeaters and Base Stations

Provides:

- 25W Continuous Duty Cycle
- Professional RF performance at a competitive price
- Well integrated design to minimize configuration time
- Proven T800 RF platform
- Jumpers, dip switches and snap connectors avoid wiring problems

Features:

- Slimline configuration 3U 19" rack
- 128 Channel capacity
- CTCSS
- Temperature range of -30C to +60C



- Rugged Construction
- High performance
- Tone Remote Option



The T800SL2 configured as a conventional repeater, a line connected (tone remote controlled) base station or used with MPT1327 control equipment for Trunked radio applications.

Important note! Please replace the 'x' in the product code below to indicate WB or NB
Use x =W 25 KHz x =N 12.5KHz in the product codes below.
E.g. T-LD5WB0U-50 is a wideband (25kHz) 25W, 110V, 400-440 MHz, Repeater

T800SL2 – Slimline Repeaters and Base Stations						
			Repeater Product Code	US List Price	Base Station Product Code*	US List Price
400-440 MHz	25 Watt	110V	T-LD5xB0U-50	2,747	T-LD5xB2U-50	3,160
		12V	T-LD5xD0U-50	2,492	T-LD5xD2U-50	2,906
440-480 MHz	25 Watt	110V	T-LE5xB0U-50	2,747	T-LE5xB2U-50	3,160
		12V	T-LE5xD0U-50	2,492	T-LE5xD2U-50	2,906
480-520 MHz	25 Watt	110V	T-LF5xB0U-50	2,747	T-LF5xB2U-50	3,160
		12V	T-LF5xD0U-50	2,492	T-LF5xD2U-50	2,906

* includes coaxial relay

T800SL2 - Slimline Base Stations fitted with T803 Tone Remote						
			Repeater Product Code	US List Price	Base Station Product Code*	US List Price
400-440 MHz	25 Watt	110V	T-LD5xB0T-50	4,002	T-LD5xB2T-50	4,415
		12V	T-LD5xD0T-50	3,747	T-LD5xD2T-50	4,161
440-480 MHz	25 Watt	110V	T-LE5xB0T-50	4,002	T-LE5xB2T-50	4,415
		12V	T-LE5xD0T-50	3,747	T-LE5xD2T-50	4,161
480-520 MHz	25 Watt	110V	T-LF5xB0T-50	4,002	T-LF5xB2T-50	4,415
		12V	T-LF5xD0T-50	3,747	T-LF5xD2T-50	4,161

* includes coaxial relay

T803 Tone Remote

Features:

- Improved line-in level control. This can be set from the front panel or from PGM
- Improved line-out level control (up to -1dBm)
- No momentary key-up on function tones
- Improved audio quality
- No “ping” or squelch at the end of speech
- Supports latched channel select lines as opposed to pulsed
- 1950Hz voting now available
- Different alarm types- DTMF and Function Tone sequences are supported
- Allow auxiliary outputs to operate on internal alarms
- 8 different confirmation messages can be generated upon commands
- Advanced alarm/confirmation message fields. Improved alarm actions
- Compatible with many major console providers


Technical Specifications:

- Temperature range: -30 to +60C
- Height 183mm width 60mm length 310mm

The T803-02-0000 may be used with T800 base equipment, or as part of a T800SL2 package, and is versatile enough to be used with various vendor control-consoles and differing audio signalling formats.

T803 Tone Remote		
Product Code	Description	US List Price
T803-02-0000	Tone Remote	793
M803-02-002-812	Tone Remote Manual	25
T800-56-9012	Tone Remote Fitting Kit, AC T800SL2 incl. Power Supply	1,107
T800-56-9014	Tone Remote Fitting, DC T800SL2	462

T800 Series II Ancillaries

- Wide range of ancillaries available
- Series II T800 programmed as illustrated
- Customized Solutions available - contact your Tait Representative with requests.



Programming Kits		
Product Code	Description	US List Price
T800-01-0005	T800 Standard programming kit for Windows with CD	121
T800-01-0006	T800 Programming kit and module interface	185
T800-01-0002	T800 Programming cable only	80
T800-01-0003	T800 Programming cable and module interface	146
T800-01-0004	T800 Module programming interface	92

T800 Service Manuals		
Product Code	Description	US List Price
M830-00-202	Service Manual – T830 Equipment Series II	156
M850-00-202	Service Manual – T850 Equipment Series II	156
M860-00-200	Service Manual – T860 Equipment Series II	122
M880-00-200	Service Manual – T800 Equipment Series II	129
M800-00-101	Service Manual – T800 Series II Ancillary Products	122
M8SL2-00-002-812	Service Manual – T800 SL2	121
M803-02-002-812	Service Manual – Tone Remote	25

General Ancillary Kits		
Product Code	Description	US List Price
T800-03-0000	Auxiliary D-range Kit	77
T800-04-0000	RSSI assembly for T800 series	36
T800-06-0000	Remote external reference input kit	144
T800-03-0001	External reference input kit; coaxial connector	469
T800-01-0010	Calibration Test Unit	369

- For additional information on T800 Ancillaries, please check with your Tait Representative.

Racks		
Product Code	Description	US List Price
T800-22-0000	Standard Base Station/Repeater, assembled, inc blanks & S/Pm	669
T800-22-0001	Standard Base Station/Repeater, flat pack	603
T800-22-0004	Standard basic rack frame only, assembled	229
T800-22-0005	Standard basic rack frame only, flat pack	206
T800-22-0010	Standard Base Station/Repeater, Max 100W AC (Channel Panel)	739
T800-22-0012	4 Receivers AC only rack	937
T800-22-0014	Dual 25W AC with two way switchable speaker	870
T800-22-0016	Dual 50W AC	803
T800-22-0100	Single 100W External DC only	803
T800-22-0112	4 Receivers, DC only	1,045
T800-22-0116	Dual 50W DC	693
T800-22-0300	Standard, wired including speaker / blank	828
T800-22-0500	Single 100W, AC and DC and Battery	870
T800-23-0000	Slimline Rack Conv. BSM (Beige)	314
T800-23-0001	Slimline Rack Conv. BSM Assembly and PS (Beige)	870
T800-23-0011	Slimline PSU 8 Amps	584
T800-25-0000	Portable Repeater Case 25W, external DC and battery backup	1,310
T800-25-0001	Portable Repeater Case 25W, AC or Battery	1,356
T800-25-0002	Portable Repeater Case 50W, AC or DC no Batteries	1,122
T800-27-0001	Remote / Alarm max 100W, PSU, battery backup	870
T800-28-0000	High Stability Oscillator rack for Quasi-Sync II systems	803
T800-56-0002	Slimline Rack Conv. BSM and Power Supply (Black)	744
T800-56-0004	Slimline Rack Conventional BSM Assembly (Black)	384

- For additional information on T800 Ancillaries, please check with your Tait Representative.

T800 Series II Ancillaries

Rack Ancillaries

Product Code	Description	US List Price
T800-08-0000	Ancillary box with front panel assembly, 2D Range	160
T800-09-0001	Relay, Coaxial Assembly/fit & Mounting Brackets	469
T800-09-0002	Relay, Coaxial Assembly/fit & Mounting Brackets-SL	497
T800-13-0000	Extender rail kit with 2 D range sockets	183
T800-14-0000	Extender rail kit with 11 way D Range for external reference	260
T800-19-0000	Rack fan kit – rail mounted	152

Rack PCB's

Product Code	Description	US List Price
T800-50-0000	Standard Rack Backplane PCB	146
T800-50-0001	Back Plane PCB with Channel Panel Options	146
T800-60-0000	Personality PCB for monitor & Channel Select	221
T800-60-0002	Alarm Outputs (zero volts) with Channel select option	221
950-000-57-00	Miniature module for generating Morse code CWID keypad identifier	80

Front Panel Kits

Product Code	Description	List Price
T800-15-0000	Speaker/programming port	127
T800-15-0001	Speaker	80
T800-15-0003	Speaker programming panel/2 way monitoring switch	152
T800-16-0000	Channel Change (10), Speaker/Programming Panel	167
T800-40-0000	Fitting kit only for blank panel	46
T800-40-0001	Blank panel with fitting kit	66

T800 Microphones

Product Code	Description	US List Price
T800-80-0000	T800 Local Microphone	39

- For additional information on T800 Ancillaries, please check with your Tait Representative.

T800 Series II Ancillaries

Guide Kits		
Product Code	Description	US List Price
T800-41-0001	Single guide kit	52
T800-41-0002	Double guide kit	111
T800-41-0002	Guide Double Kit Series II Kit	111
T800-43-0000	Guide Kit Series II T1500/T300 X2D	227
T800-43-0001	Guide Kit Series II T1500/T300 X1D	227
T800-44-0000	Power supply (T807/T808) guide kit	62
T800-45-0000	PA (50W) guide kit	59
T800-45-0001	PA (100W) guide kit	77

Cabinets		
Product Code	Description	US List Price
T902-25S	Cabinet 25U, with see through door and lock (Includes wooden shipping crate at cost)*	2664
T902-38S	Cabinet 38U, with see through door and lock (Includes wooden shipping crate at cost)*	3318
T991-02	Desktop 6U cabinet*	529
T991-08	Panel 1U vent painted*	20
316-06664-00	1U Blank front panel	25
T992-06-0000	Cabinet 6U rack solid door*	529
T992-06-0001	Cabinet 6U rack glass door*	583

Monitor Modules		
Product Code	Description	US List Price
T818-01-0000	Tx/Rx metering and monitor unit	1128
T803-02-0000	Tone Remote & Alarm, T800 SII	793

* These are non-stock items. Order fulfillment may take up to 12 weeks.

- For additional information on T800 Ancillaries, please check with your Tait Representative.

T800 Series I Ancillaries

T800 Series I ancillaries are non-stock items; order fulfillment may take up to 12 weeks.

T800 Series I Ancillaries		
Product Code	Description	US List Price
T800-02	CTCSS de/encoder kit for T800 Series I	143
T800-03-0000	Auxiliary D range kit	77
T800-04-0000	RSSI assembly for T700-T800	36
T800-06-0000	Remote external reference input kit	144
T800-13-0000	Loom extender with 2 D-range sockets	183
T800-14-0000	Loom extender with coax D range	260
T800-30-0000	DFSK standard paging modulator kit	348
T800-60	Slimline repeater mounting kit SI	283
T800-81	T835 WB to NB conversion kit	80
T800-82	T836/7 WB to NB conversion kit	31
T002-40	T300 Guide, single socket SI	67
T002-60	Duplexer rack assembly kit	137
T004-72	Coaxial relay	369

- For additional information on T800 Ancillaries, please check with your Tait Representative.

T800 Series II Receivers
General Specifications:

- 128 Channel capacity
- Channel spacing 12.5kHz, 25kHz
- CTCSS built-in as standard
- 600 Ohm balanced line input
- Rugged Construction, high performance
- Continuous power output rating
- ± 2.5 ppm, unless otherwise stated
- PA Drivers
- **Note: There is a charge of 40.00USD per module for customization - testing and alignment.**



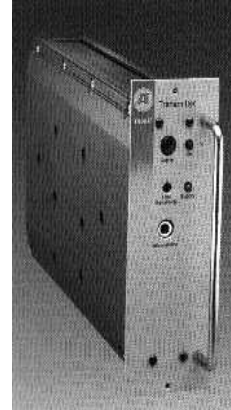
T800 Series II Receivers			
Frequency Band MHz	Product Code by Channel Spacing		US List Price
	12.5kHz	25kHz	
66-88	T825-15-0200	T825-10-0200	1,354
136-156	T835-15-0200	T835-10-0200	
148-174	T835-26-0200	T835-20-0200	
216-220	T865-16-0200	T865-10-0200	
400-440	T855-15-0200	T855-10-0200	
440-480	T855-25-0200	T855-20-0200	
480-520	T855-35-0200	T855-30-0200	
800-870		T885-10-0200	1,467
890-960	T885-35-0200	T885-30-0200	

NB: Receivers are fitted with dual D range kits as standard to allow all channel changing options.

T800 Series II Transmitters
General Specifications:

- Channel spacing 12.5kHz, 25kHz
- 25 Watt, except 5 Watt at 800MHz
- 128 Channel capacity
 - CTCSS built-in as standard
 - 600 Ohm balanced line input
 - Rugged Construction, high performance

Note: There is a charge of 40.00USD per module for customization - testing and alignment.



T800 Series II Transmitters			
Frequency Band MHz	Product Code by Channel Spacing		US List Price
	12.5kHz	25kHz	
66-88MHz*	T826-16-0200	T826-16-0200	1,331
136-156MHz*	T836-16-0200	T836-16-0200	
148-174MHz*	T836-26-0200	T836-26-0200	
400-440MHz**	T856-16-0200	T856-16-0200	
440-480MHz**	T856-26-0200	T856-26-0200	
480-520MHz**	T856-36-0200	T856-36-0200	
800-870MHz		T881-10-0200	1,418
890-960MHz	T881-35-0200	T881-30-0200	

NB: Transmitters are fitted with dual D range kits as standard to allow all channel changing options

* 2.5ppm

** 1ppm

T800 Series II Exciters

General Specifications:

- Channel spacing 12.5kHz, 25kHz
- 128 Channel capacity
- CTCSS built-in as standard
- 600 Ohm balanced line input
- Rugged Construction, high performance
- Continuous power output rating
- ± 2.5 ppm, unless otherwise stated
- PA Drivers
- **Note: There is a charge of 40.00USD per module for customization - testing and alignment.**



T800 Series II Exciters			
Frequency Band MHz	Product Code by Channel Spacing		US List Price
	12.5kHz	25kHz	
66-88	T827-16-0200	T827-16-0200	1,138
136-156	T837-16-0200	T837-16-0200	
148-174	T837-26-0200	T837-26-0200	
216-220	T867-16-0200	T867-16-0200	
400-440	T857-16-0200 (1ppm)	T857-16-0200 (1ppm)	
440-480	T857-26-0200 (1ppm)	T857-26-0200 (1ppm)	
480-520	T857-36-0200 (1ppm)	T857-36-0200 (1ppm)	
800-870		T881-10-0200 (1ppm)	1,418
890-960	T881-35-0200*	T881-30-0200*	

* For use only with 3rd Party Power Amplifier

NB: Exciters are fitted with dual D range kits as standard to allow all channel changing options.

T800 Series II – Current Options	
Product Code	Description
T8XX-XX-0005	Cyclic Keying Disabled

T800 Series II Power Amplifiers
General Specifications:

- Rugged Construction, high performance
- Continuous power output rating
- 50 Watt and 100 Watt models for most bands
- Cooling fans available and recommended
- Note: There is a charge of 40.00USD per module for customization and testing and alignment.



T800 Series II Power Amplifiers				
Frequency Band MHz	50 W Product Code	US List Price	100 W Product Code	US List Price
66-88	T828-10-0000	1,172		
136-156	T838-10-0000	1,172	T839-10-0000	1,730
148-174	T838-20-0000	1,172	T839-20-0000	1,730
216-220			T869-10-0000	1,730
400-440	T858-10-0000	1,172	T859-10-0000	1,730
440-465	T858-20-00L0	1,172	T859-20-00L0	1,730
465-480	T858-20-00H0	1,172	T859-20-00H0	1,730
480-520	T858-30-0000	1,172	T859-30-0000	1,730

T800 Series II – Current Options	
Product Code	Description
T8XX-XX-00X5	Cyclic Keying Disabled

The manufacturer recommends repeaters and base stations over 50W include a horizontal fan kit T800-19-0000.

T800 Series II Power Supplies

General Specifications:

- 110 or 240 Vac Input range
- Low noise switch-mode
- 14.5 Amperes capacity for 25 watt base stations
- 30 Amperes capacity for 50 and 100 watt base stations
- 60 mm wide single modules - may be fitted to Series I or Series II
- Slimline version available



Product Code	Description	US List Price
T809-00-0012	Power Supply, switchmode 14.5 amps, 13.8VDC output, 110/240 VAC input (for 25W systems), includes US power cord 60mm wide vertical module for fitting into a standard T800 subrack	792
T809-10-0012	Power Supply, switchmode, 30A, 13.8VDC output, 100/240VAC input, includes US power cord 60mm wide vertical module for fitting into a standard T800 subrack	792
T800-23-0011	Slimline Power Supply, switchmode, 14.5A, 13.8VDC output, 110/240VAC input, does not include power cord Single power supply module for horizontal mounting to the 19 inch (483mm) Slimline subracks (25W systems)	870

T1810 – Low Cost Trunking Channel Controller

MPT1327 is feature rich and offers the benefits of efficient and easy to operate call features, including Individual, Group Broadcast, High Priority and Emergency calls.
Each 1U T1810 bin can hold up to 4 MPT1327 channel control modules. If more than 4 channels are required, simply add a second T1810 rack.



- Simple Installation
- Data calls possible, including status, SST and Non-Prescribed Data (NPD)
- Call Queuing
- Programmable Call Timers
- 32 Pre-Programmed PSTN prefixes
- PSTN / PABX Access Option

Single Site MPT1327 Trunking						
Radio Equipment	Trunking Management Equipment					
Base Station	T1810 consists of:					Options
See Section 7 for Base Station Pricing	Number of Channels	Channel Control Module One per Channel	Bin: 1U high One Bin holds up to 4 Channels	Cable 12-Way Base Station to CMM One per channel	Programming Kit	PABX/PSTN Access One per Channel
	1	1,719	274	36	141	n/a
	2	3,438		72		1,156
	3	5,157		108		2,312
	4	6,876		144		3,468
	5	8,595	274	180		4,624
	6	10,314		216		5,780
	7	12,033		252		6,936
8	13,752	288		8,092		
What to order:		T1810-01-0000 Specify Quantity	T1810-04-0000 Specify Quantity	219-02741-00 Specify Quantity	T800-01-0005 Single	T1810-03-0000 Specify Quantity

- Radio equipment not included in this pricing
- Schematics for OEM base station Cables available on request.
- 1 year phone support - \$115 per month Monday to Friday, minimum 3 months
- Set-up and commissioning is required for the above modules.
- Configuration and commissioning costs are excluded please contact your Tait Representative, typical charge

For Multi-Site Trunking Call us!