

Version 3.1 October 2017

TP9300 Portable Radios – DMR, Analog

- ▶ Radios
- ▶ Options & Accessories



Improved efficiency and enhanced usability

Tait DMR is a highly reliable, modern, digital radio solution that is designed for mission critical environments. Tait DMR offers a digital communications solution based on the DMR Tier 3 trunking and DMR Tier 2 conventional standard.

The TP9300 portables offer trunked DMR operation as well as conventional DMR operation, full MPT 1327, and conventional FM functionality in one device. It can roam between DMR and MPT networks. The portable has inbuilt GPS, Bluetooth® wireless technology and IP67 protection.

Key Features:

- ▶ Future proof multi-mode portable (DMR Tier 3, DMR Tier 2, MPT 1327 and conventional analog FM)
- ▶ Full adherence to DMR standards providing choice and interoperability
- ▶ Engineered for demanding environments with IP67 rating
- ▶ Increased voice usability with integrated Bluetooth wireless technology connectivity
- ▶ Integrated GPS to improve efficiency and safety
- ▶ Text messaging and status calls to enhance your communications environment
- ▶ Crystal-clear audio quality
- ▶ Non-Incendive options are available
- ▶ Available in a range of models and configurable to suit your application
- ▶ Available in Yellow, Orange, Red and Hi-Vis Green colors

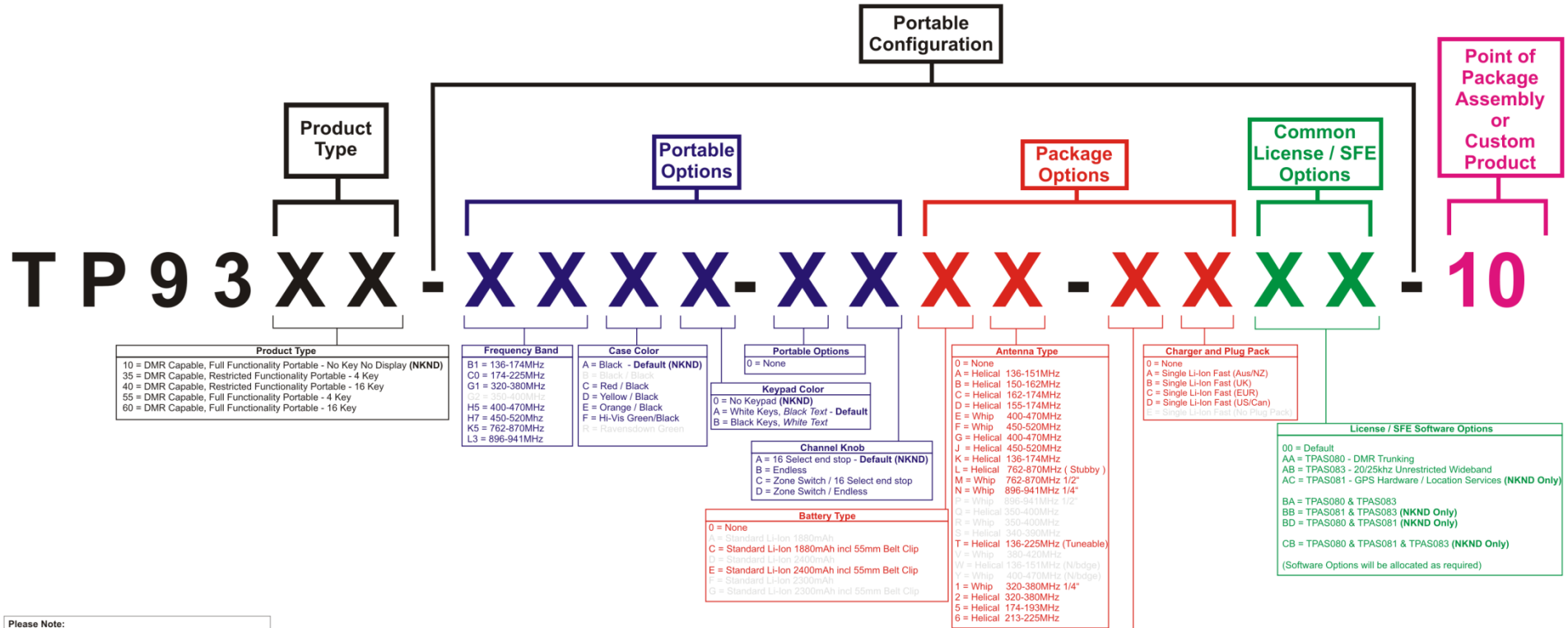
Note:

- ▶ Not all products have compliance in all regions/countries. Please check the Tait Product Specification sheet or contact your Tait Representative for further information.



Frequency Code	Frequency Band	TP9310 No Key	TP9355 4Key	TP9360 16Key
B1	136-174MHz	✓	✓	✓
C0^	174-225MHz	✓	✓	✓
G1	320-380MHz	✓	✓	✓
H5	400-470MHz	✓	✓	✓
H7	450-520MHz	✓	✓	✓
K5	762-870MHz		✓	✓
L3	896-941MHz		✓	✓

Note: ^ - July 2017 release



Product Type

- 10 = DMR Capable, Full Functionality Portable - No Key No Display (NKND)
- 35 = DMR Capable, Restricted Functionality Portable - 4 Key
- 40 = DMR Capable, Restricted Functionality Portable - 16 Key
- 55 = DMR Capable, Full Functionality Portable - 4 Key
- 60 = DMR Capable, Full Functionality Portable - 16 Key

Frequency Band

- B1 = 136-174MHz
- C0 = 174-225MHz
- G1 = 320-380MHz
- H5 = 400-470MHz
- H7 = 450-520MHz
- K5 = 762-870MHz
- L3 = 896-941MHz

Case Color

- A = Black - Default (NKND)
- B = Black / Black
- C = Red / Black
- D = Yellow / Black
- E = Orange / Black
- F = Hi-Vis Green/Black
- R = Powersdown Green

Portable Options

- 0 = None

Keypad Color

- 0 = No Keypad (NKND)
- A = White Keys, Black Text - Default
- B = Black Keys, White Text

Channel Knob

- A = 16 Select end stop - Default (NKND)
- B = Endless
- C = Zone Switch / 16 Select end stop
- D = Zone Switch / Endless

Battery Type

- 0 = None
- A = Standard Li-Ion 1880mAh
- C = Standard Li-Ion 1880mAh incl 55mm Belt Clip
- D = Standard Li-Ion 2400mAh
- E = Standard Li-Ion 2400mAh incl 55mm Belt Clip
- F = Standard Li-Ion 2300mAh
- G = Standard Li-Ion 2300mAh incl 55mm Belt Clip

Antenna Type

- 0 = None
- A = Helical 136-151MHz
- B = Helical 150-162MHz
- C = Helical 162-174MHz
- D = Helical 155-174MHz
- E = Whip 400-470MHz
- F = Whip 450-520MHz
- G = Helical 400-470MHz
- J = Helical 450-520MHz
- K = Helical 136-174MHz
- L = Helical 762-870MHz (Stubby)
- M = Whip 762-870MHz 1/2"
- N = Whip 896-941MHz 1/4"
- P = Whip 896-941MHz 1/2"
- Q = Helical 350-400MHz
- R = Whip 350-400MHz
- S = Helical 340-390MHz
- T = Helical 136-225MHz (Tunable)
- V = Whip 350-420MHz
- W = Helical 136-151MHz (N/Bridge)
- Y = Whip 400-470MHz (N/Bridge)
- 1 = Whip 320-380MHz 1/4"
- 2 = Helical 320-380MHz
- 5 = Helical 174-193MHz
- 6 = Helical 213-225MHz

Charger and Plug Pack

- 0 = None
- A = Single Li-Ion Fast (Aus/NZ)
- B = Single Li-Ion Fast (UK)
- C = Single Li-Ion Fast (EUR)
- D = Single Li-Ion Fast (US/Can)
- E = Single Li-Ion Fast (No Plug Pack)

License / SFE Software Options

- 00 = Default
- AA = TPAS080 - DMR Trunking
- AB = TPAS083 - 20/25kHz Unrestricted Wideband
- AC = TPAS081 - GPS Hardware / Location Services (NKND Only)
- BA = TPAS080 & TPAS083
- BB = TPAS081 & TPAS083 (NKND Only)
- BD = TPAS080 & TPAS081 (NKND Only)
- CB = TPAS080 & TPAS081 & TPAS083 (NKND Only)

(Software Options will be allocated as required)

Package Options

- 0 = None
- A = Standard - Speaker Mic - Pro Series
- B = Standard - Speaker Mic - Evolution
- C = Standard - Speaker Mic - Storm (Sealed to IP68)
- D = Standard - Speaker Mic - Genesis (Sealed to IP68)
- E = Standard - Speaker Mic - JDI Light Weight
- F = Standard - Speaker Mic - JDI Medium Weight

Please Note:
Not all products have compliance in all regions/countries. Please check the Tait Product Specifications sheet or contact your Tait Representative for further information.

Example of: TP9360-B1AA-0CCA-0A00-10

Product Type: TP9360 = DMR Portable Crypto Capable with 16 Button Keypad (T03-00043-BFDB) TP93 FullCrypto 136-174MHz 16Key 16 Select End Stop Channel ZoneKnob GPS GRY WHTK

Mobile Configuration

- B1 = 136-174MHz, Frequency Band
- A = Black / Grey, Portable Case Color
- A = White, Keypad Color
- 0 = None, Portable Options
- C = Zone Switch / 16 Select, Channel Knob Type

Package Options

- C = Li-Ion 1880mAh with clip, Battery Type (T03-00011-ABAA) TP8/TP9 Battery - Std Li-Ion 1880mAh c/w Belt Clip
- A = Helical 136-151MHz, Antenna Type (TPA-AN-002) TP8/TP9 Antenna 136-151MHz Helical
- 0 = None, Microphone / Headset Options (T03-00012-AAAA) TP8/TP9 Single Fast Charger Li-Ion
- A = Single Li-Ion Fast (Aus/NZ), Charger and Plug Pack Type (009-00014-00) TP8/TP9 Single Fast Charger Li-Ion Plug Pack A/NZ

Common License / SFE Options

- 00 = No SFE's

Point of Package Assembly or Custom Product

- 10 = TEL Built, Package Assembly Point or CustomProduct



TP9310 – No Key No Display

Standard package includes:

- ▶ TP9310 Radio
- ▶ Antenna
- ▶ 1880mAh Li-Ion Battery
- ▶ Belt Clip
- ▶ Analog, DMR Tier 2, DMR Tier 3 trunking operation
- ▶ Charger & plug pack

Options:

- ▶ Battery
 - Choose the Battery from the TP9300 Portable configuration table page 3
- ▶ Antenna
 - Choose the Antenna from the TP9300 Portable configuration table page 3
- ▶ Charger & Plug Pack
 - Choose the Charger & Plug Pack from the TP9300 Portable configuration table page 3

Features:

- ▶ DMR Tier 3 Trunking
- ▶ DMR Tier 2 Conventional
- ▶ Analog conventional operation (see feature table on pages 6 to 9 for details)
- ▶ Analog MPT trunking operation (see feature table on pages 6 to 9 for details)
- ▶ IP67 Certified (1 metre water for 30 minutes)
- ▶ MIL-Standard 810C, D, E, F & G
- ▶ Programmable emergency key
- ▶ Side mounted accessory connector
- ▶ Two-shot moulding for extra durability
- ▶ Lone Worker/Man Down operation
- ▶ Available in Yellow, Orange, Red and Hi-Vis Green



Note:

- ▶ Not all products have compliance in all regions/countries. Please check the Tait Product Specification sheet or contact your Tait Representative for further information.

Frequency Code	Frequency Band	TP9310 No Key	TP9355 4Key	TP9360 16Key
B1	136–174MHz	✓	✓	✓
C0 [^]	174-225MHz	✓	✓	✓
G1	320-380MHz	✓	✓	✓
H5	400-470MHz	✓	✓	✓
H7	450-520MHz	✓	✓	✓
K5 ¹	762-870MHz		✓	✓
L3 ¹	896-941MHz		✓	✓

Note: ¹ - NON-ETSI Approved. FCC and IC Approval only
[^] - July 2017 release

TP9355 - 4Key

TP9360 - 16Key

Standard package includes:

- ▶ TP9355 Radio
- ▶ Antenna
- ▶ Li-Ion Battery
- ▶ Belt Clip
- ▶ Manual
- ▶ Single Charger and Plug Pack

Options:

- ▶ Zone selector switch
- ▶ Black keypad with white characters
- ▶ Analog only operation
- ▶ Battery
 - Choose the Battery from the TP9300 Portable configuration table page 3
- ▶ Antenna
 - Choose the Antenna from Options and Accessories on page 17
- ▶ Charger & Plug Pack
 - Choose the Charger & Plug Pack from the TP9300 Portable configuration table page 3

Features:

- ▶ DMR Tier 3 Trunking
- ▶ DMR Tier 2 Conventional
- ▶ Analog conventional operation (see feature table on pages 6 to 9 for details)
- ▶ Analog MPT trunking operation (see feature table on pages 6 to 9 for details)
- ▶ LCD display
- ▶ Internal GPS
- ▶ Bluetooth connectivity
- ▶ Man Down
- ▶ IP67 Certified (1 metre water for 30 minutes)
- ▶ MIL-Standard 810C, D, E, F & G
- ▶ Programmable emergency key
- ▶ Side mounted accessory connector
- ▶ Two-shot moulding for extra durability
- ▶ Available in Yellow, Orange, Red and Hi-Vis Green colors



Note:

- ▶ Not all products have compliance in all regions/countries. Please check the Tait Product Specification sheet or contact your Tait Representative for further information.
- ▶ For more configuration options, please refer to the TP93 Portable configuration table on page 3
- ▶ Also available in limited encryption version (TP9335)

Frequency Code	Frequency Band	TP9310 No Key	TP9355 4Key	TP9360 16Key
B1	136-174MHz	✓	✓	✓
C0^	174-225MHz	✓	✓	✓
G1	320-380MHz	✓	✓	✓
H5	400-470MHz	✓	✓	✓
H7	450-520MHz	✓	✓	✓
K5 ¹	762-870MHz		✓	✓
L3 ¹	896-941MHz		✓	✓

Note: ¹ - NON-ETSI Approved. FCC and IC Approval only
[^] - July 2017 release

TP9300 - Features Comparison

OPERATION MODE	Analog Conventional	Analog MPT 1327	DMR Tier 2 Conventional	DMR Tier 2 Conventional	DMR Tier 3 Trunking	DMR Tier 3 Trunking
Radio Network Features	TP93xx	TP93xx	TP93xx	No Key No Display	TP93xx	No Key No Display
Trunked Channels		1000			1000	1000
Conventional Channels	1500		1500	16		
Zones	26	Max.1000	26	1	Max.1000	Max.1000
Scan Groups	300		300	16		
Advanced hunt routines		✓			✓	✓
Manual site select		✓			✓	
Multiple network capability		✓			✓	✓
Repeater talkaround	✓					
Digital Simplex			✓	✓		
Transmit Lockout	✓	✓	✓	✓	✓	✓
Transmit Low Power	✓	✓	✓	✓	✓	✓
Transmit Timer	✓	✓	✓	✓	✓	✓
Voting	✓		✓	✓		
Scanning	✓		✓	✓		
CTCSS (Continuous Tone Controlled Squelch System)	✓					
CTCSS on traffic channel (Trunked)		✓				
DCS (Digitally Coded Squelch)	✓					
MDC1200 (En/Decode)	✓					
Multiple SELCALL Networks	✓					
Programmable Group Tone	✓					
Programmable User Defined SELCALL Tone Set	✓					
SELCALL (Selective calling)	✓					
Type 99 Decode	✓					

OPERATION MODE	Analog Conventional	Analog MPT 1327	DMR Tier 2 Conventional	DMR Tier 2 Conventional	DMR Tier 3 Trunking	DMR Tier 3 Trunking
Call types	TP93xx	TP93xx	TP93xx	No Key No Display	TP93xx	No Key No Display
Workgroups		Max.1000			Max.1000	Max.1000
Talk Groups		1500	1000	1000	1500	1500
Broadcast group call		✓			✓	✓
Conference group call		✓	✓	✓	✓	✓
Group Calls	✓	✓	✓	✓	✓	✓
Individual Calls		✓	✓	No	✓	✓
Interfleet Calls		✓			✓	✓
PABX calls (Private Automatic Branch Exchange		✓		No	✓	✓
Preset Calls	✓	✓		No	✓	✓
Priority Call	✓	✓	✓	✓	✓	✓
Priority Call - 3 Level Priority					✓	✓
PSTN calls (Public Switched Telephone Network)		✓		No	✓	✓
Status messages	✓	✓	✓	CCDI Only	✓	RAP Only
Automatic call back	✓	✓			✓	No
Dynamic regrouping		✓			✓	✓
Join busy group		✓	✓	No	✓	✓
Monitor Function	✓					
Nuisance Delete from group	✓		✓	No		
Call Alerts	✓	✓	✓	✓	✓	✓
OACSU (Off Air Call Setup)			✓	✓		
Radio Check.			✓	(Rx Only)		
SDM (Short Data Message)	✓	✓	✓	CCDI Only	✓	RAP Only
All Identity Call		✓	✓	✓	✓	✓
PATCS Push and Talk Call Setup	✓		✓	✓		
Data						
CCDI (Computer Controlled Data Interface)	✓		✓	✓		
FFSK	✓					
Radio Access Protocol (RAP) (Map27)		✓			✓	✓
Packet Data			✓	No	✓	✓

OPERATION MODE	Analog Conventional	Analog MPT 1327	DMR Tier 2 Conventional	DMR Tier 2 Conventional	DMR Tier 3 Trunking	DMR Tier 3 Trunking
Call types	TP93xx	TP93xx	TP93xx	No Key No Display	TP93xx	No Key No Display
Internal GPS	✓	✓	✓	Optional	✓	Optional
Transmit GPS During Voice Calls			✓	✓	✓	✓
GPS over SDM		✓				
Lone Worker	✓	✓	✓	✓	✓	✓
Man Down	✓	✓	✓	✓	✓	✓
Programmable Emergency Key	✓	✓	✓	✓	✓	✓
Emergency Call	✓	✓	✓	✓	✓	✓
Stun & Revive (Remote)	✓	✓	✓	✓	✓	✓
Remote monitor (enables Microphone and Transmitter remotely)			✓	✓		
Encryption, Single key 56 Bit DES. (Optional)			✓	✓	✓	✓
Encryption, ARC4			✓	✓	✓	✓
Voice Inversion Scrambler	✓	✓				
User Interface						
LCD Display	✓	✓	✓	No	✓	No
4 Programmable Function Keys – Includes Emergency Key	✓	✓	✓	✓	✓	✓
Side-tone generation	✓					
Alphanumeric Presets		100			100	100
Bluetooth	✓	✓	✓	No	✓	No
Programmable Channel Selector	✓	✓	✓	✓	✓	✓
Programmable 3 way Zone Switch (Optional)			✓	No	✓	No
Alphanumeric Labels	✓	✓	✓	No	✓	No
ANI. (Automatic Number Identification)	✓		✓	No	✓	No
Audible Indicator Control	✓	✓	✓	✓	✓	✓
Auto Noise Reduction (ANR)	✓	✓				
Auto Quiet Timer	✓					
Backlight Control	✓	✓	✓	No	✓	No
Busy Channel Lockout (Also known as Transmit Inhibit)	✓		✓	Limited		
Call Diversion	✓	✓			✓	✓
Call in Absence indicator		✓			✓	No

OPERATION MODE	Analog Conventional	Analog MPT 1327	DMR Tier 2 Conventional	DMR Tier 2 Conventional	DMR Tier 3 Trunking	DMR Tier 3 Trunking
Call types	TP93xx	TP93xx	TP93xx	No Key No Display	TP93xx	No Key No Display
Call Queuing	✓	✓	✓	No	✓	No
Call time limit display		✓			✓	No
Caller ID	✓	✓	✓	No	✓	No
Channel Presets	✓	✓			✓	✓
Deferred Calling	✓					
DTMF (Dual Tone Multi Frequency) (Encode)	✓	✓	✓	No	✓	No
Key Beeps / Confidence Tones / Audible Indicators	✓	✓	✓	✓	✓	✓
Key Lock	✓	✓	✓	No	✓	No
LCD Contrast Adjust	✓	✓	✓	No	✓	No
Network name		✓			✓	
Programmable Group Membership	✓		✓	✓		
PTT Redial		✓			✓	No
Squelch override	✓					
Status labels	✓	✓	✓	No	✓	No
Talker ID	✓	✓	✓	No	✓	No
Trunked Channel Display		✓		No	✓	No
Go ahead tone		✓	✓	✓	✓	✓
Voice Annunciations	✓	✓	✓	✓	✓	✓
Ruggedness						
Military Standard 810 C, D, E, F & G	✓	✓	✓	✓	✓	✓
IP65 & IP67 Certified	✓	✓	✓	✓	✓	✓
Two-shot Moulded Construction	✓	✓	✓	✓	✓	✓
Water Shedding Grill	✓	✓	✓	✓	✓	✓
Usability						
Colored Front Panel Options	✓	✓	✓	✓	✓	✓
Side Mounted Accessories Connector	✓	✓	✓	✓	✓	✓

Software Licenses

ITEM CODE	DESCRIPTION
TPAS060	SFE Key - Tait Radio API
TPAS075-DMR	SFE Key - OTAP
TPAS080	SFE Key - DMR Trunking (Digital) (93)
TPAS083	SFE Key - 20/25kHz Unrestricted Wideband (TP91/93/94) <i>Note: Required only if Wide Band (WB) is being added to a Narrow Band (NB) radio. Not available to USA customers</i>
TPAS089	SFE Key - Enhanced Location Reporting (91/93/94)
TPAS090	SFE Key - Data Services (93)
TPAS094	SFE Key - Unrestricted Dist. DES Encryption (9335/9340)
TPAS095	SFE Key - DES Encryption (9355 / 9360)
TPAS104	SFE Key - Extended Hunt List Capacity (93)

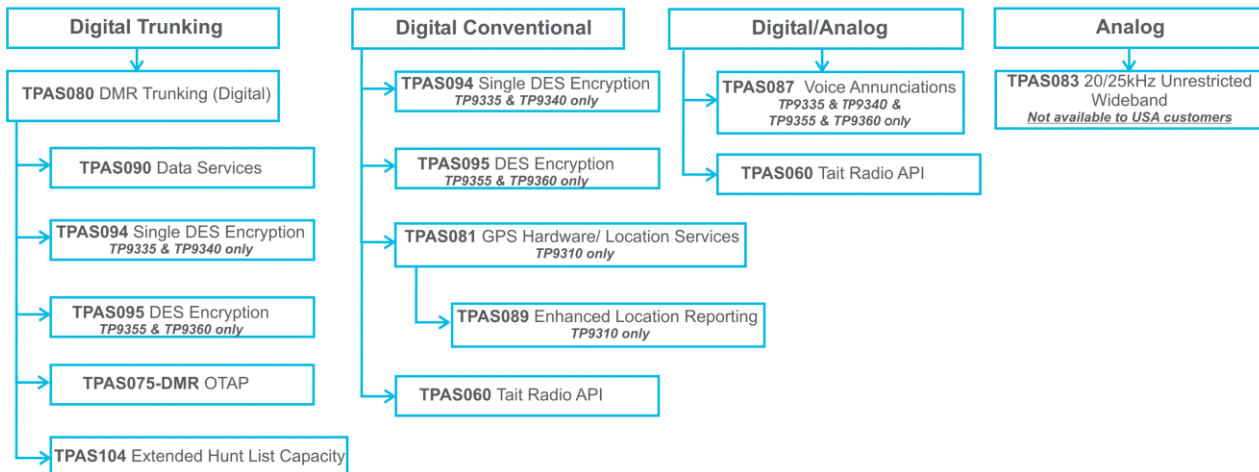
Software maintenance and support is available on an annual renewal basis. Software maintenance ensures your software investment remains fully operational, high performing and current through updates that also include valuable new features – please contact your Tait Representative for further details.

Software Licences

All software enhancements are enabled on a per feature per radio.

Default licences for TP9335, TP9340, TP9355 and TP9360 are TPAS031 MPT Trunking and TPAS081 GPS Location Services and TPAS082 Bluetooth and TPAS089 - Enhanced Location Reporting and TPAS102 - ARC4 Encryption (93) plus TPAS097 DMR Conventional is a default licences from May 2015.

Default licences for TP9310 are TPAS087 - Voice Annunciations and TPAS102 - ARC4 Encryption (93) and TPAS097 DMR Conventional is a default licences from May 2015.



TP9300 - Outline of Software Feature Sets

Baseline Feature Set	
All radios now have the following features as standard. Radios manufactured prior to the dates shown will not have these features enabled by default. Older radios will require a firmware upgrade and the feature licence to enable operation of the feature. Please contact your Tait Sales representative for further advice	
General	
TPAS031 SFE Key - MPT Trunking (Analog)	Enables MPT1327 Analogue Trunking mode in the TM9300, allowing the TM9300 to be used on older MPT networks. The TM9300 roams seamlessly between MPT and DMR Trunked systems, giving an easy migration from MPT to a DMR trunked system.
TPAS060 Tait Radio API	Enables access to CCDI and CCR radio control protocols. • Confirmed and unconfirmed data access • Access to API functions for trunking, encryption etc. Functions require access to appropriate SFEs.
TPAS081 SFE Key - GPS Hardware / Location Services	The radio supports GPS (Global Positioning System) and AVL (Automatic Vehicle Location) features. Mobile radios require a standalone GPS receiver to be attached to a serial port. Features include displaying the radio's location, and GPS reporting (polling and unsolicited GPS reporting).
TPAS097 SFE Key - DMR Conventional	Enables DMR Tier 2 conventional operation in the TM9300 radio. The TM9300 can roam seamlessly between DMR Tier 2 networks and Analogue conventional networks.
TPAS102 SFE Key - ARC4 Encryption	ARC4 is a basic level of encryption that offers privacy from less sophisticated attacks. ARC4 encryption is supported in DMR Tier 2 mode only.
TPAS087 SFE Key – Voice Annunciation	Voice annunciation is available in Analogue Conventional and DMR Conventional Modes only. When the voice annunciation feature is active, the radio will play pre-recorded audio messages when the radio is turned on, or for channel and battery level changes (portable radios only). Custom pre-recorded audio messages can be used to replace the existing default audio.
Optional Feature Set	
Optional Features may be included with the radio, depending on the product code selected, or can be added later via the Software Feature Licence. The release date for each feature is listed. Product manufactured before this date will require a firmware update as well as the feature licence.	
TPAS075-DMR SFE Key - OTAP	OTAP (over The Air Programming) makes it possible for EnableFleet to automatically update the configuration of Tait radios. OTAP is supported by EnableFleet version 2.0 and above. It makes use of the radio network's data services
TPAS080 SFE Key - DMR Trunking	Enables DMR Tier 3 trunking operation in the TM9300 radio. The TM9300 can roam seamlessly between DMR Tier 3 networks and Analogue MPT trunked networks
TPAS082-DMR SFE Key - Bluetooth	Enables Bluetooth connectivity to Tait approved Bluetooth devices. Please contact your Tait Representative for more information.
TPAS083 SFE Key - 20/25khz Unrestricted Wideband	By default, the TM9300 limits the bandwidth to 12.5kHz on the VHF band and most of the UHF band. This feature licence enables wideband operation on all frequencies. This SFE is not available to customer in the USA
TPAS090 SFE Key - Data Services	The data Services SFE allows third party applications to send and receive packet data over the traffic channels of the Tait DMR Network.
TPAS094 SFE Key - DES Encryption (9335/9340)	56 Bit DES encryption is available for voice communications on DMR conventional and trunked networks The encryption and decryption of radio communications requires the use of encryption keys. The programming application configures the way the encryption keys are used, and loads the encryption keys into the radio. This Feature Licence is for use with TP9335/40 radio's
TPAS095 SFE Key - DES Encryption (9355/9360)	56 Bit DES encryption is available for voice communications on DMR conventional and trunked networks The encryption and decryption of radio communications requires the use of encryption keys. The programming application configures the way the encryption keys are used, and loads the encryption keys into the radio. This feature licence is for use with TP9355/60 radios.
TPAS089 SFE Key - Enhanced Location Reporting	Distance-based GPS reporting that sends a location report at a set distance, or at different distances depending on the current speed. Allows you to send a location report if the bearing, or altitude changes by a prescribed amount. This SFE requires careful consideration of system set-up to avoid excessive amounts of un-poled data on the network.
TPAS104 SFE Key - Extended Hunt List Capacity	Hunting is the process by which a Terminal searches for a valid Control Channel (CC) on a DMR Trunked system, either on start-up or when service has been lost with Extended Hunting take the standard available Hunt channels from 20 channels to a Extended Hunt List of 120 channels.

Batteries & Chargers

ITEM CODE	DESCRIPTION
Batteries	
T03-00011-AAAA	TP81/93/94 Battery - Standard Li-Ion 1880mAh
T03-00011-CAAA	TP81/93/94 Battery - Performance Li-Ion 2400mAh
T03-00011-FAAA	TP81/93/94 DC Service Adaptor
Chargers	
T03-00012-AAAA	TP81/93/94 Charger Single Fast Li-Ion no Plug Pack
T03-00012-ABAA	TP81/93/94 Charger Single Fast Li-Ion ANZ Plug Pack
T03-00012-ACAA	TP81/93/94 Charger Single Fast Li-Ion UK Plug Pack
T03-00012-ADAA	TP81/93/94 Charger Single Fast Li-Ion EU Plug Pack
T03-00012-AEAA	TP81/93/94 Charger Single Fast Li-Ion US/CAN Plug Pack
T03-00013-AAAA	TP81/93/94 Charger Multi Li-Ion no Mains Cable
T03-00013-ABAA	TP81/93/94 Charger Multi Li-Ion Wall Kit ANZ Mains Cable
T03-00013-ACAA	TP81/93/94 Charger Multi Li-Ion Wall Kit UK Mains Cable
T03-00013-ADAA	TP81/93/94 Charger Multi Li-Ion Wall Kit EU Mains Cable
T03-00013-AEAA	TP81/93/94 Charger Multi Li-Ion Wall Kit US/CAN Mains Cable
T03-00014-AAAA	TP81/93/94 Vehicle Charger Battery Only
T03-00014-BAAA	TP93/94 Vehicle Charger
TA3004-01 ¹	TP81/93/94 Transportable Multi-charger Orange
TA3004-02 ¹	TP81/93/94 Transportable Multi-charger Silver

¹ - Aus/NZ Compliance only. Contact CSD for availability and pricing in other regions



T03-00011-AAAA
Standard Li-Ion
1880mAh Battery



T03-00012-AAAA
Charger Single Fast Li-Ion
no Plug Pack



T03-00014-AAAA
TP81/93/94 Vehicle
Charger Battery Only



T03-00014-BAAA
TP93/94 Vehicle
Charger



TA3004-01
TP81/93/94
Transportable Multi-
charger Orange

Audio Accessories





















TP9300 radios support TDMA operation. Tait recommends the use of Tait TDMA audio accessories with TP9300 radios. Tait TDMA audio accessories have "TDMA" moulded into the radio connector. Tait TP8100 audio accessory adaptors should not be used with TP9300 radios.

Please contact your Tait customer support representative if you require an audio accessory that is not shown here

ITEM CODE	DESCRIPTION	
Speaker Microphones		
T03-00045-ADAA	TP81/93/94 Speaker Microphone Pro Series IP54 Emergency-Button 3.5mm-Jack	
T03-00045-JFAA	TP81/93/94 Speaker Microphone Evolution Emergency-Button 2.5mm-Jack	
T03-00045-KFAA	TP81/93/94 Speaker Microphone Storm IP68 Emergency-Button 2.5mm-Jack	
T03-00045-DMAA	TP81/93/94 Speaker Microphone Genesis IP68 Emergency-Button	
Ear Pieces		
T952-055	Earhanger 2.5mm	
T03-00053-0451	Earphone In-Ear 2.5mm	
T03-00120-AAAD	Eartube In-Ear 2.5mm	
T03-00120-AAAE	Eartube In-Ear 3.5mm	
T03-00120-BAAD	Earhook 2.5mm	
T03-00120-BAAE	Earhook 3.5mm	
T03-00120-FAAD	Eartube Earhook 2.5mm	
T03-00120-FAAE	Eartube Earhook 3.5mm	
T03-00120-GAAD	Earhook Transparent Hi-Volume 2.5mm	
T03-00120-GAAE	Earhook Transparent Hi-Volume 3.5mm	
T03-00120-HAAD	Earphone Transparent D-Ring Hi-Volume 2.5mm	
T03-00120-HAAE	Earphone Transparent D-Ring Hi-Volume 3.5mm	
Headsets		
T03-00046-FAAA	TP81/93/94 Headset Heavy-Duty Overhead	
T03-00046-FEAA	TP81/93/94 Headset Heavy-Duty Behind-Head	
T03-00046-GEAA	TP81/93/94 Headset Hurricane II Behind-Head	
Surveillance Kit		
T03-00047-AAAA	TP81/93/94 2 Wire Surveillance Kit	
Replacement Parts		
TPA-AA-214	Earpiece Quick Disconnect Acoustic Tube - Set of 5	Replacement parts for T03-00053-0451 & T03-00047-AAAA
TPA-AA-215	Flexible Open Ear Insert - Left Ear Small	
TPA-AA-216	Flexible Open Ear Insert - Left Ear Medium	
TPA-AA-217	Flexible Open Ear Insert - Left Ear Large	
TPA-AA-218	Flexible Open Ear Insert - Right Ear Small	
TPA-AA-219	Flexible Open Ear Insert - Right Ear Medium	
TPA-AA-220	Flexible Open Ear Insert - Right Ear Large	

Audio Accessories - Continued



<p>T03-00045-ADAA Speaker Microphone Pro Series IP54 Emergency-Button 3.5mm-Jack</p> 	<p>3.5mm Ear Pieces</p> <p>T03-00120-AAAE Ear tube In-Ear 3.5mm</p> 	<p>T03-00120-GAAE Ear hook Transparent High Volume 3.5mm</p> 
<p>T03-00045-JFAA Speaker Microphone Evolution Emergency-Button 2.5mm-Jack</p> 	<p>T03-00120-FAAE Ear tube Ear hook 3.5mm</p>  <p>T03-00120-BAAE Ear hook 3.5mm</p> 	<p>T03-00120-HAAE Earphone Transparent D- Ring High Volume 3.5mm</p> 
<p>T03-00045-KFAA Speaker Microphone Storm IP68 Emergency-Button 2.5mm-Jack</p> 	<p>2.5mm Ear Pieces</p> <p>T952-055 Ear hanger 2.5mm</p>  <p>T03-00053-0451 Earphone In-Ear 2.5mm</p> 	<p>T03-00120-BAAD Ear hook 2.5mm</p>  <p>T03-00120-GAAD Ear hook Transparent High Volume 2.5mm</p> 
<p>T03-00045-DMAA Speaker Microphone Genesis IP68 Emergency-Button</p> 	<p>T03-00120-AAAD Ear tube In-Ear 2.5mm</p>  <p>T03-00120-FAAD Ear tube Ear hook 2.5mm</p> 	<p>T03-00120-HAAD Earphone Transparent D- Ring High Volume 2.5mm</p> 
<p>T03-00046-FAAA TP81/93/94 Headset Heavy-Duty Overhead</p> 		<p>T03-00046-GEAA TP81/93/94 Headset Hurricane II Behind Head</p>
<p>T03-00046-FEAA TP81/93/94 Headset Heavy-Duty Behind-Head</p> 		<p>T03-00047-AAAA TP81/93/94 2Wire Surveillance Kit</p>

Carry Cases

ITEM CODE	DESCRIPTION	
Heavy Duty Leather		
T03-00038-0001	TP93/94 Carry Case Heavy Duty Leather No Key D-Stud Belt Loop	
T03-00038-0002	TP93/94 Carry Case Heavy Duty Leather No Key Spring Clip	
T03-00038-0003	TP93/94 Carry Case Heavy Duty Leather No Key Belt Loop	
T03-00038-0035	TP93/94 Carry Case Heavy Duty Leather No Key Belt Loop D-rings	
T03-00038-0004	TP93/94 Carry Case Heavy Duty Leather 4Key D-Stud Belt Loop	
T03-00038-0005	TP93/94 Carry Case Heavy Duty Leather 4Key Spring Clip	
T03-00038-0006	TP93/94 Carry Case Heavy Duty Leather 4Key Belt Loop	
T03-00038-0036	TP93/94 Carry Case Heavy Duty Leather 4Key Belt Loop D-rings	
T03-00038-0007	TP93/94 Carry Case Heavy Duty Leather 16Key D-Stud Belt Loop	
T03-00038-0008	TP93/94 Carry Case Heavy Duty Leather 16Key Spring Clip	
T03-00038-0009	TP93/94 Carry Case Heavy Duty Leather 16Key Belt Loop	
T03-00038-0037	TP93/94 Carry Case Heavy Duty Leather 16Key Belt Loop D-rings	
Soft Leather		
T03-00038-0019	TP93/94 Carry Case Soft Leather NoKey Use Battery Belt Clip	
T03-00038-0020	TP93/94 Carry Case Soft Leather 4Key Use Battery Belt Clip	
T03-00038-0021	TP93/94 Carry Case Soft Leather 16Key Use Battery Belt Clip	
Nylon		
T03-00038-0010	TP93/94 Carry Case Nylon No Key D-Stud Belt Loop	
T03-00038-0011	TP93/94 Carry Case Nylon No Key Belt Loop	
T03-00038-0012	TP93/94 Carry Case Nylon No Key Use Battery Belt Clip	
T03-00038-0013	TP93/94 Carry Case Nylon 4Key D-Stud Belt Loop	
T03-00038-0014	TP93/94 Carry Case Nylon 4Key Belt Loop	
T03-00038-0015	TP93/94 Carry Case Nylon 4Key Use Battery Belt Clip	
T03-00038-0016	TP93/94 Carry Case Nylon 16Key D-Stud Belt Loop	
T03-00038-0017	TP93/94 Carry Case Nylon 16Key Belt Loop	
T03-00038-0018	TP93/94 Carry Case Nylon 16Key Use Battery Belt Clip	
T03-00038-0024	TP93/94 Carry Case Nylon Orange No Key Use Battery Belt Clip	
T03-00038-0025	TP93/94 Carry Case Nylon Orange 4Key Use Battery Belt Clip	
T03-00038-0026	TP93/94 Carry Case Nylon Orange 16Key Use Battery Belt Clip	
T03-00038-0027	TP93/94 Carry Case Nylon No Key D-Stud Chest Harness	
T03-00038-0028	TP93/94 Carry Case Nylon 4Key D-Stud Chest Harness	
T03-00038-0029	TP93/94 Carry Case Nylon 16Key D-Stud Chest Harness	
Polyester		
T03-00038-0031	TP93/94 Carry Case Polyester Green No Key Use Battery Belt Clip	
T03-00038-0032	TP93/94 Carry Case Polyester Green 4Key Use Battery Belt Clip	
T03-00038-0033	TP93/94 Carry Case Polyester Green 16Key Use Battery Belt Clip	
Accessories		
T03-00038-0034	TP8/9 Shoulder Strap For Carry Case Heavy Duty Leather	For use with T03-00038-0035, T03-00038-0036, T03-00038-0037
TPA-CA-201	TP8/9 Belt Clip 55mm	
TPA-CA-208	TP8/9 Belt Clip Adaptor for 55mm Belt Clip	Requires TPA-CA-201
T03-00038-0022	TP8/9 Belt Loop For D-Stud 55mm	
T03-00038-0023	TP8/9 Spring Clip For D-Stud 40mm	
T03-00038-0030	TP93/94 Battery Spacer For Carry Case Heavy Duty Leather	

Carry Cases - Continued

T03-00038-0005

Carry Case Heavy Duty Leather
4Key Spring Clip



T03-00038-0009

Carry Case Heavy Duty Leather
16Key Belt Loop



T03-00038-0013

Carry Case Nylon 4Key D-Stud
Belt Loop



T03-00038-0021

Carry Case Soft Leather 16Key
Use Battery Belt Clip



T03-00038-0026

Carry Case Nylon Orange 16Key
Use Battery Belt Clip



T03-00038-0028

Carry Case Nylon 4Key D-Stud
Chest Harness



T03-00038-0022

Belt Loop For D-Stud 55mm



TPA-CA-201

Belt Clip 55mm



T03-00038-0023

Spring Clip For D-Stud 40mm



TPA-CA-208

Adaptor for 55mm Belt Clip



Antennas

ITEM CODE	DESCRIPTION	APPROXIMATE LENGTH (MM)
Antennas		
TPA-AN-034	TP8/9 Antenna 136-174MHz Helical	219
TPA-AN-001	TP8/9 Antenna 136-225MHz Helical Tuneable	Uncut
TPA-AN-002	TP8/9 Antenna 136-151MHz Helical	183
TPA-AN-003	TP8/9 Antenna 150-162MHz Helical	170
TPA-AN-032	TP9 Antenna 155-174MHz Helical	163
TPA-AN-004	TP8/9 Antenna 162-174MHz Helical	155
TPA-AN-027	TP8/9 Antenna 380-420MHz Helical	79
TPA-AN-011	TP8/9 Antenna 400-470MHz ¼ Wave Whip	160
TPA-AN-013	TP8/9 Antenna 400-470MHz Helical	74
TPA-AN-012	TP8/9 Antenna 450-520MHz ¼ Wave Whip	135
TPA-AN-015	TP8/9 Antenna 450-520MHz Helical	67
TPA-AN-022	TP8/9 Antenna 762-870MHz ½ Wave Whip	180
TPA-AN-028	TP8/9 Antenna 762-870MHz Helical	68
TPA-AN-025	TP81/93/94 Antenna 896-941MHz ½ wave whip	175

Programming & Service Accessories

ITEM CODE	DESCRIPTION
T02-00031-0001	TM81/82/93/TP81/93 Programming & Calibration Kit
T03-00118-0601	USB to RJ11 Programming Cable
T03-00118-0101	TP81/93/94 Programming Adaptor
T03-00118-0201	TP81/93/94 Calibration Adaptor
T03-00118-0202	TP81/93/94 Calibration Low Pass Filter
TOPA-SV-024	Terminals Calibration Box
T03-00040-0001	TP81/93/94 Service Kit - TP81/TP93/TP94 Service Kit – (Includes T03-00011-FAAA, T03-00118-0101, T03-00118-0202, T03-0118-0601, T03-00118-5301, TOPA-SV-006, TOPA-SV-024)