

# Tait T2000 Series Model Recognition

**T 2 0** **aa** - **b** **c** **d** - **e** **fg**

Many variants found in both Series I and Series II

## aa-Model Variant

- 10 Conventional 4 Channel
- 15 Conventional 24 Channel
- 16 Conventional
- 17 Conventional 80 Channel
- 18 Conventional 100 Channel
- 20 Conventional 100 Channel
- 20 Conventional 1200 Channel\* \*-34
- 21 Conventional
- 30 Trunked 6 Call Preset, 1023 Trunked, 4 Conventional
- 32 6 preset, 1023 Trunked channels, 4 Conventional, no head
- 33 Trunked 2 digit dial, 1023 Trunked channels, 4 Conventional
- 35 Trunked 3 digit dial + 20 Call Preset
- 40 Trunked Direct Call dial
- 50 Dual Mode Conventional 100 Channel and Trunked
- 60 LTR Mobile, Conventional
- 65 LTR Mobile, 10 Systems X 10 groups, Conventional

## b-Frequency Span (may work outside these limits)

- 0 500-530 MHz
- 1 220-270 MHz
- 2 66-88 MHz
- 3 136-174 MHz
- 4 175-235 MHz
- 5 400-470 MHz
- 6 450-520 MHz
- 7 330-366 MHz
- 8 TX 806-870 MHz  
RX 851-870 MHz
- 9 360-400 MHz
- F TX 300-336 MHz  
RX 330-360 MHz
- K TX 896-941 MHz  
RX 935-941 MHz
- W 300-338 MHz

## c-Deviation Bandwidth (subject to field modification)

- 1 Wide Band (5kHz) (25kHz channel space)
- 2 Narrow Band (2.5kHz) (12.5 kHz channel space)
- 3 Mid Band (4kHz) (20kHz channel space)
- 4 Dual Wide and Narrow Bandwidth Programmable (Hardware and Firmware dependant)

## d-Frequency Stability (subject to field modification when Bandwidth is changed)

- 1 5ppm (-10-60°C)
- 2 2ppm, later 1.5ppm (-30-60°C)
- 3 3ppm (-30-60°C)
- 5 2.5ppm, later 1.5ppm (-30-60°C)
- 6 2ppm, used in 6.25 kHz offset products (-30-60°C)
- 7 1.5ppm (-30-60°C)

## e-Country Specific

Refer to page 4

## fg-Factory Fitted Options (subject to field modification and 3<sup>rd</sup> party alterations)

Refer to page 2,3,4

Use these numbers as a guide many things can be swapped around and modified after manufacture, even between Series I & Series II. Checking radio components is the way to be absolutely sure. If in doubt, ask! Some features can be turned on in Software Programming even if they are not actually fitted. Not all models were released in all countries, some were country specific. Re-badging happened as well.

Suffix	Control Head	Loom metres	Selcall Fitted	DTMF Fitted	Interface PCB	Special Notes
-X00	F					-T00 is 100ch
-X01	R	4				
-X02	F				X2S380	DSP Module Fitted (X2S380)
-X04	F		Y			
-X05	R	4	Y			
-X06	F			Y		
-X07	R	4		Y		
-X08	F		Y	Y		
-X09	R	4	Y	Y		
-X10	R	6				
-X11	R	6	Y			
-X12	R	6		Y		
-X13	R	6	Y	Y		
-X14	D*					New Data Radio TCU. *X2HC12 dummy c/hd with inverted printing
-X16	K	4				Remoting Kit Radios
-X17	K	4	Y			
-X18	K	4	Y	Y		Pack with: Claytons head cover, remote panel, plate cover (2), bracket and remoting kit
-X19	K	6				
-X20	K	6	Y			
-X21	K	6	Y	Y		
-X22	F					Transmit Only THD
-X24	F					Low Power Radio (Special ATE Specs)
-X24R						Receive Only THD
-X26	F					Low power 16W radio, No MIC
-X27/-A27	F		Y			NZ Police, Check CP, 100ch. TCI Firmware
-A28	F		Y	Y		Customer Programmed with BFB Freqs
-X29/-A29	F		Y			NZ Police, Check CP, 100ch. TCI Firmware
-X30/-A30	R	4			STA6654	NZ Police, Check CP
-X31	R	6*	Y	Y	X2A410	*Uses X2N601 WASSC Loom, Customer Programmed with WAFB Freqs.
-X32	R	6	Y	Y		Customer Programmed with BFB Freqs
-X33	R	6				1200 Channel radio (has X2L222), * loom is X2N602 Can be built with UIT interface supplied by TEA as a CP.
-X34	F					1200 Channel Logic, X2L222
-X35	F		Y			1200 Channel Logic, X2L222
-X35 ?	F	Y				French Fire. X2L227. TCI f/ware and pgm
-X36/-A36	F					NZ Police, Check CP
-X37						2020-321, no C/HD, with Claytons, X2L222
-X38	R	6*				*X2N602
-X39/-A39	R	6	Y		TA454-01	NZAMB Interface PCB TA454-01, has X24229 C/HD
-X40	F				X2U000	Dual Port Uart. - Include 'D-Range Kit' in Packing
-X43	F				X2U200	Single Port Uart (Note – T2032 has X2T101, X2EB16)
-E44						X2L238
-X45	D					DDS - Yellow taxi
-X46	D				X2A610	Uses X2F232 & Alarm board X2A610
-X47	F					Dept of Defence (TEA) X2L226C (100ch) X2L216C. TCI pgm. T2020 has TCI f/ware
-X48	F			Y	X2U200	Single Port Uart
-X49	F			Y*	X2U200	Direct Connect GPS - Single Port Uart Plus 1 different wire. RED WIRE TEST (S14-1 to DC01-6) "DTMF only fitted to 2020/40/50's" Note:T2032 has X2T101 & X2EB16
-X50	F					X2F212 (Less Mic, Cradle, Pwr Lead & Install Kit) milled covers. Pack A50 Kit and Guide only
-X51	-					X2F213 (Less Mic, C/Head and Manuals)
-X52	-					X2F214 (Less Mic, Cradle, C/Head, and Manuals)
-X53	F					X2F215 (Less Mic) 100ch MCM
-X54	R	6*	Y	Y		*Uses X2N602, X2F221. {X2HE27 - Dual band only} Queensland Police. Test on Customer Freq {no speaker} Custom Prog at packing

-X55	F					Special ATE specs
-X56	R	6			X2U200	Single Port Uart
-X57	F					Low Power T2010-113-A57 (X2R103) (Less Mic, Cradle, Power Lead & Install Kit) milled covers
-X58	R	6*	Y	Y		*X2N602 (X2HE27-Dual band only) Queensland Police Custom Prog at packing
-X59	F					T2010-113-A59 same as -A50 but with std packing kit.
-X60	R	4*	Y		X2A060	Q'land Rail - Has X2N060, *X2N460, X2L061, X2H260 TCI f/ware Custom Prog at packing Custom Prog at Packing
-X61	D				X2T101	X2F217 (No C/Hd, Blanking Plug) - Low Pwr, X2HC81 'Claytons' dummy C/Hd, no mic, no guides
-X62	D				X2T101	X2F217 (No C/Hd, Blanking Plug) - Std Pwr, X2HC81 'Claytons' dummy C/Hd, no mic, no guides
-X63/-F63	D*					X2F223 (Less C/Hd, Mic and Speaker),Fit X2HC81 'Claytons' dummy C/Hd, Series I Chassis, Std Pwr
-X64	D				TA064-01	Raywood Check CP
-X65	-					No control head, no dummy head. X2F224
-H66	F					GP display, hunt s/w (ver 7.02) In process of being made obsolete
-H67	F					Gong An dial In process of being made obsolete
-H68	R	4				GP display, hunt s/w (ver 7.02) in process of being made obsolete
-H69	R	4				Gong An dial in process of being made obsolete
-H70	F				X2U200	Gong An dial, single port Uart in process of being made obsolete
-X71	D				X2AF94	Polish Railways. X2F2RR. CCR Firmware
-X74	F					For TFE T2035-321-A74 only (has WB TCXO)
-F75	R	6	Y		AE1944-02	NZ Fire Service (2020-241 Dual-Band)
-X76/-F76	R	6	Y		AE1944-02	NZFS X2HE25, X2L225 100ch TCI f/ware and pgm Switchable 25 / 12.5 KHz spacing
-F77	F		Y		AE1944-02	AE1944-01 Custom C/H, Special S/W, - F75 has T220-01 loudsprk & Big C/H
-X78	F		Y	Y	X2S390	DTMF ANI board and Selcall fitted
-X79	F		Y	Y	X2S390	Vietnam Army CP4227 TCI
-X80/-F80	D		Y - 300s			TEU - X2F229 Dummy C/ H, to be built in conjunction with TA1212-10-00
-X81/-D81	F					AE1557, Stockholm radio. CP # 3473 always.
-A82						Data Radio - Female options conn , Clytns C/hd X2T101, X2C100, Data BNC
-X82	D					Data Radio - Female options conn (X2C100) X2T101 mini UHF X2HC10
-A83						Thailand T2018 - 111. A83 Low power Red Radio (Files T2018-121.A83) Thailand Taxi User Guide & Customer Programmed. CB245
-A84						Data Radio - Male options conn - Clytns C/hd, e X2T101 , X2C102, Data BNC
-X84	D*					Data radio - Male options conn - X2HC10, X2T101, X2C102 Mini UHF
-A85						Thai taxi, X2H212, (Keypad 311-03107-00)
-X86/-A86	D				X2T101	Mobiletex Data - Standard BNC - No Data Radio Label
-X87/-A87						Uses X2ID01(Dual Band IF.) A87 for USA has X2EB20, X2HE20 Civil Air Patrol
-X88/-A88						New Thai Taxi radio, has X2H212 C/Hd (Keypad 311-03111-00)
-F89	F				T55095	Add custom option board
-F90						X2F217 (Less C/Head, Blanking Plug) Kit - Pack 1 cradle key Std Pwr, Claytons Head, Add X2T101
-X91	F		Y			Revenue Canada. 100ch. TCI f/ware and pgm
-X92	R	6*	Y	Y		*X2N602
-X93/-F93	F				X2AF93	"Auriga" Front Panel (X2HE13) - EMC
-X94	-				X2T101	GMSI (TCU) Data Radio has 15way female D-range and terminator fitted (X2T101).
-F96	R		Y		STA6654	MoFisheries - DB NZFS keypad
-F97	F		Y		STA6654	MoFisheries - DB NZFS keypad
-X99/-F99	F				TA2219-02	Dublin bus, To be packed minus -Power lead, Mic, Kit, and User/Install guides. With a Fixed Control head attached.
-XA0	F					Emergency Link fitted (#R513 or X2P010)
-XA1	R	6				Emergency Link fitted (#R513 or X2P010)
-XA2	D					No X2T101, X2F286
-XA3	N				XA2416- 01	X2F21A (No Mic, no cradle No c/hd no dummy c/hd Telepoint TCI

-GA3	F				Custom keypad (X2GE21) MCM Manuals / Guides. Blank packaging 100ch
-XA4	F			X2U200	Direct connect GPS (X2DC03) RED WIRE TEST TCI f/ware and pgm Same as -X49
-XA5	F			X2S400	T2040 per channel CTCSS (X2S400 fitted to #T3K44)
-XA6	F			X2C103	Stagecoach interface Special final test
-XA7	F				Multilevel backlit c/hd for Raytheon TCI
-XA8	F		Y		NZ DOC X2H223 Control Head 100ch TCI f/ware
-XA9	R	6	Y		NZ DOC X2HE28 Control Head 100ch TCI f/ware
-XB0	R	6	Y		Delcom. TCI f/ware and pgm
-XB1	F			XA2389-01	EDF Interface (balanced) X2F21B (special power cable) TCI product
-XB2				XA2389-02	MOI Interface Unbalanced) TCI product
-XB3	R	6			London Bus. TCI product. Custom c/head, f/ware and pgm.
-XC0	F			TA2367-01	Utah Bus. N-Type RF connector. X2U200 with 70mm loom
-XXXE				X2EC10	Encryption ready radio. Fitted with X2EC10 T2K Encrypt Assy. Built as CP if Encryption module is to be fitted.
-K05	F				5 W Pwr Unimo Radios
-K10	F				10 W Pwr Unimo X2F211 (Less Pwr Lead, Manuals)
-K20	F				20 W Pwr Unimo (Has unscreened box, Unimo kit)
	F				-T2018 (Series 1 Chassis, Custom Pwr and Freq )
K25	-				-T2019 (Series 2 Chassis, Custom Pwr and Freq ) CLAYTONS HEAD
	F				-T2020 (Series 1 Chassis, Custom Pwr and Freq )

SUFFIX	COUNTRY	NOTES	MANUALS
AXX	Standard	Standard Non EMC	Multilingual
BXX	Australia	EMC Standard (201X, 20 - X2L216 V3.05, X2L222	Multilingual
CXX	Standard	Standard Non EMC	Multilingual
DXX	Germany	EMC Product Low Power Settings (500's B/W 400-430 MHz) Special L-levels	Multilingual
EXX	France	EMC Set Power 10 -14W (201X and 2020 500's (low) power set 10-14W, set high power 20-26W	Multilingual Multilingual
FXX	UK	EMC standard	Multilingual
GXX	M/A-Com	No Tait labels to be used C-NE only Blank packaging. For European market (2020 to have C-NE start-up message	M/A-Com English
HXX	China	Standard Radio	Chinese
IXX	Australia	EMC product T201X - X2L216, STD T2020 - X2L22	Multilingual
IXX	Australia	EMC Product noise blanker disabled. T201X - X2L216, STD T2020 - X2L226 T203X, T2040, T2050 require trunking labels	Multilingual
JXX	USA/Canada	Use X2F216 (heavy duty mic) and X2F226	Multilingual
KXX	Unimo	Use X2F211 (less power lead, manuals, has Unimo packing kit, unscreened box	Nil
LXX	South America	Standard radio	Spanish
MXX	Electcoms	Badged	Multilingual
NXX	Taiwan	000's B/W 500 - 530 MHz	English
PXX	USA/Canada	Use X2F216 (heavy duty mic) and X2F226	English
RXX	South America	Standard radio	Portuguese
TXX	USA/Canada	Enhanced mobile, EMC, H/duty mic (north American Guide 2020/2017's	English
UXX		Unbadged Product	
YXX	Argentina	No Tait labels to be used TEL only Blank Packaging	TEL Spanish
ZXX	France	ALCATEL has Alcatel licence agreement. Same spec as French radios. No Tait label with no Tait label on C/hd front panel	Alcatel