

Tait 2000 with T2050 Control & Control Head Interface

The following items are included in the Tait 2000 with T2050 Control & Control Head cable interface kits.

1. Tait 2000 with T2050 Control & Control Head interface cable assembly.
2. Instruction sheet.
3. 10K Resistor

The following steps outline the procedure for interfacing the Tait 2000 with T2050 Control & Control Head radio to the TrakIt-20.

1. Set the TrakIt-20 up for a bench test and use the AVL Installer program to set the following operating constants in the installer table to the indicated value:

Transmit indicator active:	High
Receive indicator active:	Low
PTT output active:	Low
Enable mic mute gate on transmit:	Yes
Enable Tx indicator as event 2:	No
External output active:	Low
External output mode:	Speaker mute

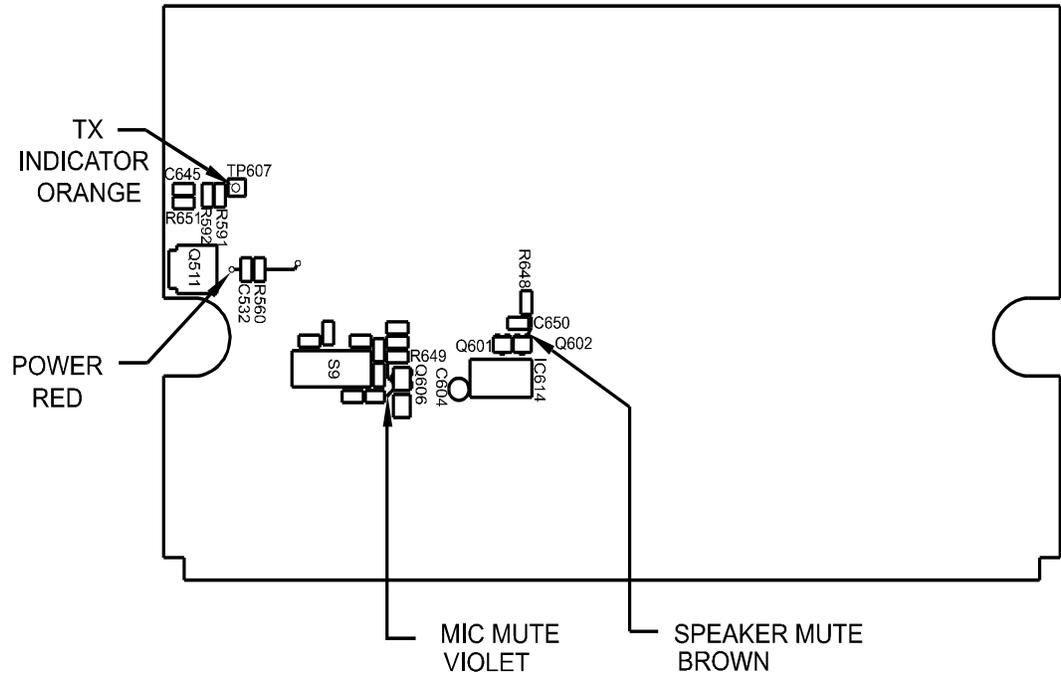
2. Configure the following jumpers as indicated:

JP1	Cut
JP4	B-C

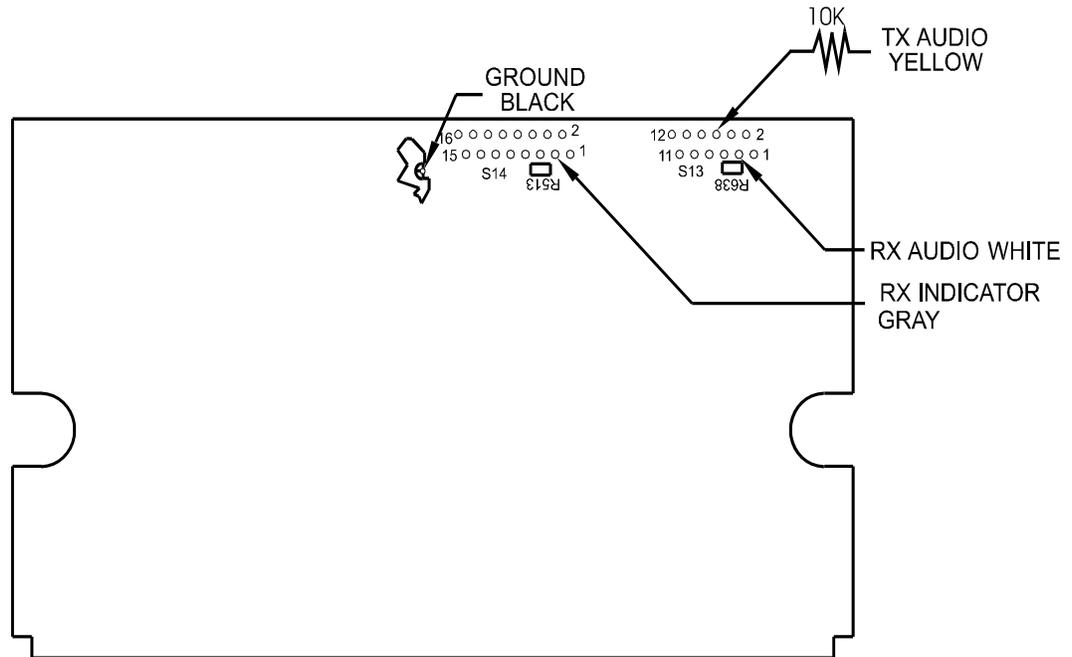
3. Remove top cover of the radio.
4. Bring the cable interface wires in through the slot in the back of the radio.
5. Connect the wires of the Tait 2000 with T2050 Control & Control Head interface cable to the following points in the radio as shown in the following diagrams:

White	S13 pin 3 on T2050 Control Board
Yellow	S13 pin 6 on T2050 Control Board
Orange	TP607 on T2050 Control Board
Gray	S14 pin 3 on T2050 Control Board
Violet	Junction of Q606,R649, and R664 on T2050 Control Board
Blue	P12 pin 2 on Control Head Board2
Red	Q511 Collector (center pin) on T2050 Control Board
Black	Negative side of C537 on T2050 Control Board
Brown	Junction of R648, C650, and Q602 on T2050 Control Board

Tait 2000 with T2050 Control & Control Head Interface (cont.)

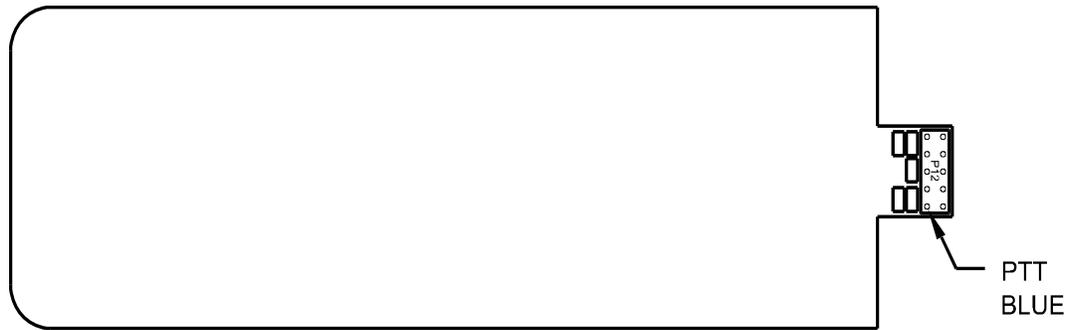


T2050 CONTROL BOARD TOP VIEW



T2050 CONTROL BOARD BOTTOM VIEW

Tait 2000 with T2050 Control & Control Head Interface (cont.)

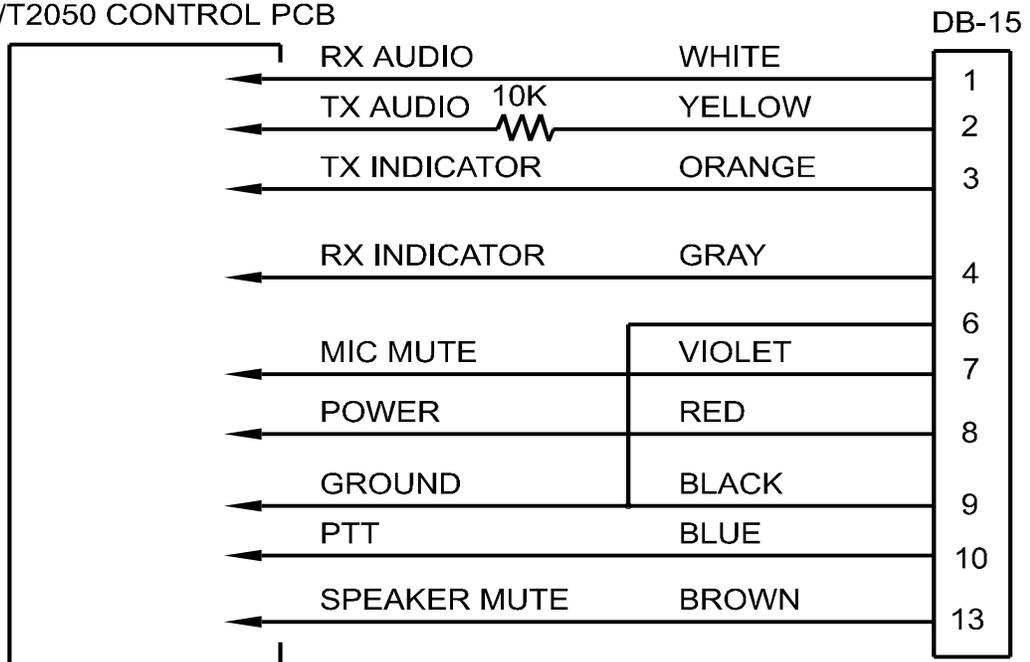


T2050 CONTROL HEAD BOARD TOP VIEW

8. Replace any covers or any parts removed.
9. Connect the DB-15 end of the Tait 2000 with T2050 Control & Control Head interface cable to the DB-15 connector on the back of the TrakIt-20.
10. Check the TrakIt-20's audio levels by performing the alignment procedure described in the TrakIt-20 manual.

Tait 2000 with T2050 COTROL and CONTROL HEAD Interface Cable

TAIT 2000 RADIO
W/T2050 CONTROL PCB



Tait 2000 with T2050 Control & Control Head Interface (cont.)

**TAIT 2000 with T2050 CONTROL and CONTROL HEAD CABLE KIT
106-TAIT2000**

Item	Description	Part No.	Qty.
1	SCREW/CLIP KIT	231-0014	1
2	CONN DB15 MALE	231-0035	1
3	COVER DB15	231-0036	1
4	10 K RESISTOR	312-0011	1
5	10 COND CABLE	800-1115	1'