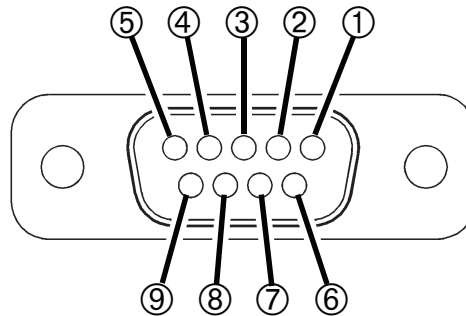


Operating Manual Reprint

J1003 DSUB 9-Pin Data Connector Pin Assignment



- ① **SQ**: Squelch Signal Output
Carrier In: Active High (5 V / 47 k Ω)
- ② **RX_AUD_OUT**: Received Audio Output (Two choices available)
 - ②-1 De-Emphasized Audio Output: 100 mV / 10 k Ω
This output level's default state is fixed at the factory by having no jumper at JP1003 and soldering the jumper at JP1002 on the MAIN Unit.
 - ②-2 Flat / Unmuted Audio Output: 250 mV / 10 k Ω
(Unsolder the jumper at JP1002 and solder a jumper at JP1003 on the MAIN Unit to activate ②-2)
- ③ **EXT_MIC**: External MIC Audio Input (Two choices available)
 - ③-1 Pre-Emphasized / IDC / Splatter Filtered Audio Input: 2.5 mV / 600 Ω
This input is fixed at the factory by attaching capacitor C1254 across JP1005 and soldering a jumper at JP1004 on the MAIN Unit.
 - ③-2 Flat (Non-Pre-Emphasized) Audio Input: 650 mV / 10 k Ω
(Remove the jumper at JP1004 and solder a jumper across JP1005 on the MAIN Unit to activate ③-2)
- ④ **Not Used**
- ⑤ **GND**: Ground
- ⑥ **A_OUTPUT**: Accessory Output (Two choices available)
 - ⑥-1 Not Used
This is the default setting at the factory (no jumper across JP1001 on the MAIN Unit).
 - ⑥-2 Accessory Output: Open Collector Output
"A" Lamp ON: Low, "A" Lamp OFF: Open
Maximum voltage: 13.8 V, Maximum sink current 5 mA
(Solder a jumper at JP1001 on the MAIN Unit to activate ⑥-2)
- ⑦ **PTT**: External PTT Signal input
GND: TX, Open: RX
- ⑧ **5 V**
Switched and regulated DC 5 V output for supplying power to an accessory.
Maximum output current is 50 mA.
- ⑨ **Not Used**