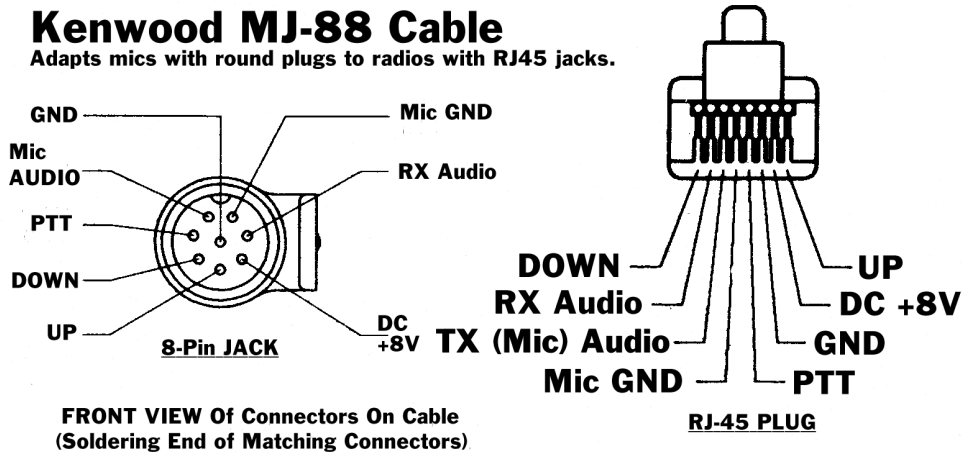


Signal Levels Available on Mic Jack Receive Audio Pins

Some Kenwood transceivers have fixed-level (unaffected by the volume control) receive audio present on the 8-pin mic jack. This signal is useful for connecting packet TNCs, SSTV devices like the Kenwood VC-H1, and computer sound card interfaces. If present, a single cable assembly plugged into the mic jack can connect receive audio, transmit audio and transmit keying. If the radio does not have this connection, the mic jack pin has nothing connected to it. The diagram below shows the connections for the round 8-pin jack and the newer RJ45 connector. For radios with the RJ-45 type connector, the optional Kenwood MJ-88 cable will convert to the round connector with the same pinout.

I have added this connection to radios that did not have the connection by locating a source of this kind of signal somewhere within the radio. Often this is the hot end of the RX volume control, or pin 3 [RX audio] of the 13-pin DIN connector on the rear panel of some of the HF rigs. I then connect this signal to the vacant pin 6 (of the round jack) or pin 2 (of the RJ45 jack)



Radio	mV_RMS with 3.5 KHz deviation received signal	Squelched	De-Emphasized	Native to this Radio ?
TM-211/411	70	Yes	No	No - Tapped Discriminator
TM-221/421	140	Yes	Yes	YES
TM-742	125	No	Yes	YES
TM-D700	570	Yes	Yes	No Connected to 6-Pin Mini-DIN RXA
(Yaesu) FT-100	160 (FM) 200 (SSB)	No	Yes (FM) N/A SSB	No - Connected to 6- Pin Mini-Din RXA
TS-440				No - Connected to 13- Pin DIN RXA
TS-50	127	Yes	Yes	no
TS-450/690	170 (FM) 160 (SSB)		Yes	No - Connected to 13- Pin DIN RXA
TS-711/811	1400	Yes	Yes	No - Connected to 13- Pin DIN RXA

