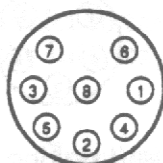


8-Pin Din Radio Connector (KAM HF)

8-Pin Din



Female (Looking at Holes)

Pins 1, 2, 3 and 6 must be connected to your radio.

Pin 1 – AFSK Out – white lead. This line carries the AFSK tones generated by the KAM to the Audio Input (microphone) line of your transceiver.

Pin 2 – Ground/Shield – black and stranded lead. Connect the push-to-talk ground and AFSK shield to this line. With some transceivers which do not reference PTT and audio shielding to a common ground, it may be necessary to leave the AFSK shield (braided wire) disconnected. Note: All TNC grounds are common.

Pin 3 – Push-To-Talk – brown lead. This line controls the PTT line in your transceiver allowing the computer to switch the transceiver from/to transmit or receive. Connect directly to the PTT line of the mic-jack connector.

Pin 4 – Key Out – green lead. This line may be used to control CW keying on your transceiver. Separate a small length of this lead and attach a lead with the appropriate plug for your transceiver key jack, where you would normally connect a straight key.

Pin 5 – FSK Out – red lead. This line is for use if your transceiver provides FSK keying for radioteletype operation. Separate a small length of this lead and attach a lead with the appropriate plug for your FSK input connector on the transceiver. It will also be necessary to provide for PTT keying via the mic jack, accessory port or other method specified by your transceiver manual.

Pin 6 – Audio Signal – 2 conductor audio cable, center conductor. Plug this lead to one leg of the Y-connector cable provided in the KAM accessory bag. Plug the Y-connector cable into the external speaker jack of the transceiver. The remaining female connector on the Y-connector cable may be used for an external speaker. Do not use a headphone output from the transceiver. If you use an accessory or phone patch output, it may be necessary to provide a padding network to reduce amplitude of the signal being fed to the KAM. High level fixed outputs may have a tendency to "swamp" the KAM input circuits. Fixed output signals in excess of 50 mV should be padded.

Pin 8 – XCD – single yellow conductor lead. This line may be used to connect the squelch line from your HF transceiver if desired. This connection will not normally be required, nor used, unless operating on a shared voice channel. (See the CD parameter in the Commands Manual.)