

DRAKE MODEL 7077 MICROPHONE INSTRUCTION SHEET

The Drake Model 7077 Microphone is factory wired for use with the Drake TR7 Transceiver in either the push-to-talk or VOX mode. The microphone is wired in accordance with the following chart (pin numbers are molded on the front of the plug):

<u>Pin No.</u>	<u>Function</u>
1	Mic. Audio (Low Level Option)
2	Push-To-Talk
3	Ground (Audio & PTT)
4	Mic. Audio (Factory Wired)

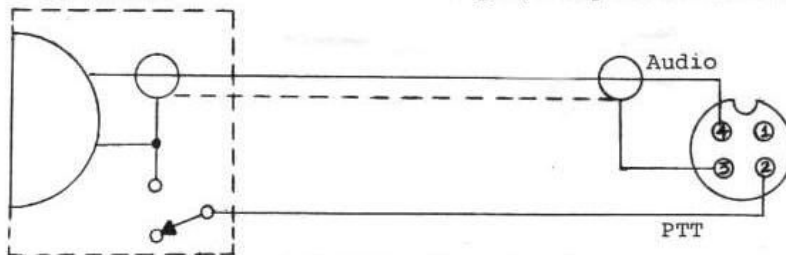
NOTE

Alternate Wiring For TR7 Transceivers
With Serial Numbers Above 1400

If your operating habits require additional microphone gain, you may find it beneficial to move the microphone audio line to connector pin 1. This provides approximately 8 dB of additional gain for the audio and VOX channels. For transceivers with serial numbers below 1400, contact the factory regarding modification.

SPECIFICATIONS:

Type:	Dynamic, High Impedance
Output:	-48 dB @ 1 kHz (0 dB = 1 volt/microbar)
Frequency Response:	300 - 5000 Hz
Switching:	VOX or push-to-talk
Connector:	4-pin, compatible with TR7



Model 7077 Schematic Diagram