

PICTORIAL 2-12

CRYSTAL CALIBRATOR MOUNTING

Refer to Pictorial 2-12 for the following steps.

If the Heathkit plug-in Crystal Calibrator is to be used with the Transceiver, plug it into the Calibrator socket of the Transceiver.

CABINET MOUNTING

Refer to Pictorial 2-12 for the following steps.

- () Slide the transceiver chassis into the cabinet. If the Crystal Calibrator is used, be careful not to damage it when sliding the Transceiver into the cabinet.
- () Secure the chassis in the cabinet with six #6 x 1/4" sheet metal screws, four in the back and two in the bottom. Be sure the screws do not hit any of the wires under the chassis.

MICROPHONE

Any high impedance crystal, dynamic, or ceramic microphone with an output rating between -45 db and -60 db can be used with the Transceiver.

Figure 3-2 shows how most communication microphones can be wired for VOX, PTT, or both types of operation. The only difference in wiring to change the microphone from just PTT operation to both types of operation, is the addition of the jumper wire in the microphone. This additional wire keeps the audio lead from being opened when the microphone button is released, thus permitting VOX operation with the Transceiver. When wired in this manner the switch of

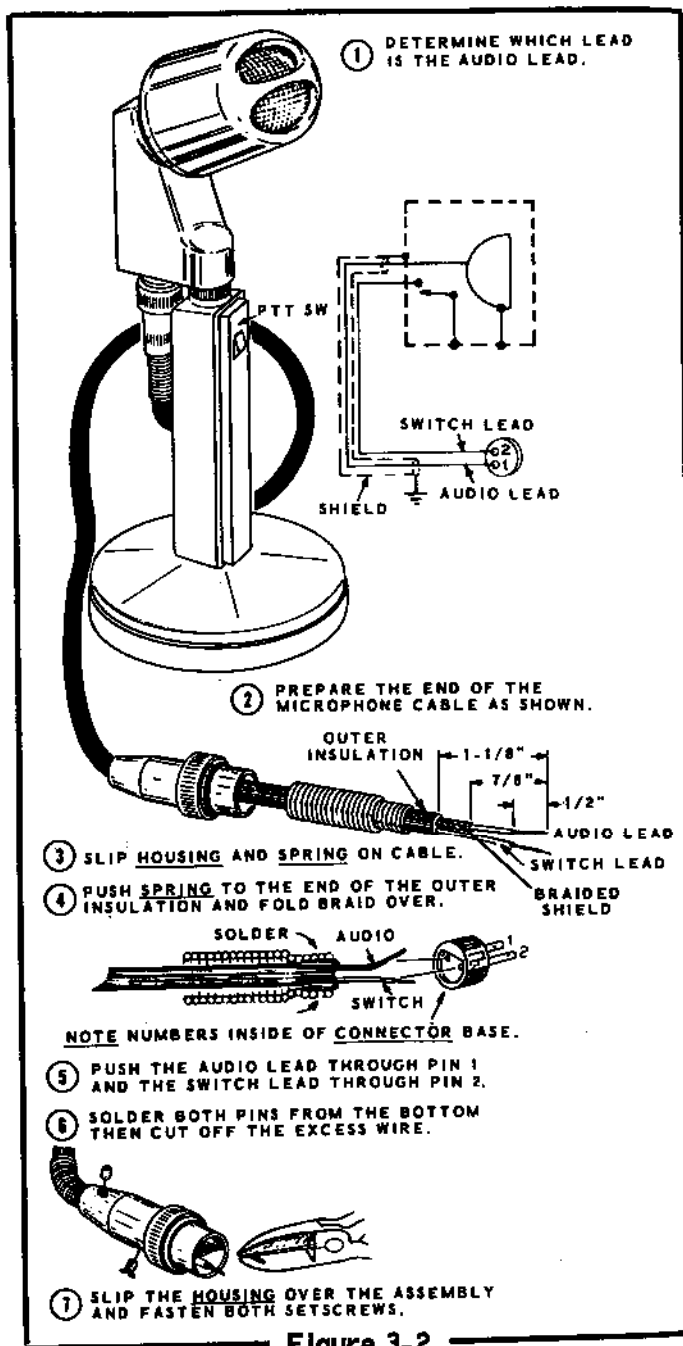


Figure 3-2

the microphone will actuate the relay of the Transceiver for PTT operation.

A microphone without a switch can be used for VOX operation if you install the male microphone connector supplied with this Transceiver. The audio lead should be connected to pin #1 and the shield should be connected to the spring of the connector.