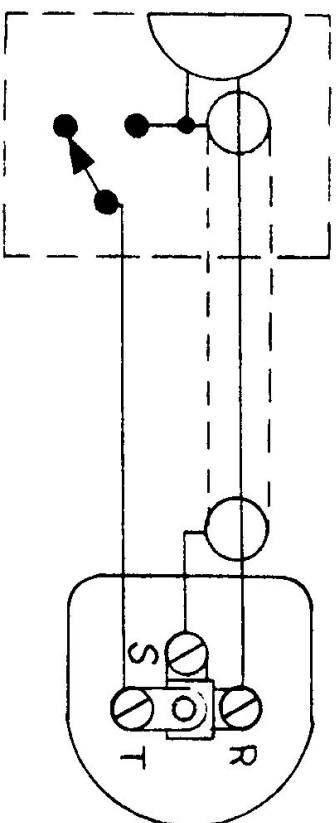


I. MICROPHONE REQUIREMENTS

A microphone with a wide and flat frequency response will enable you to obtain peak performance from your T-4B. For good VOX (voice control) operation, it is desirable for the mike to have a cardioid pattern to reduce pick-up from the back and sides. This enables you to operate with higher receiver audio gain, giving better VOX operation and reducing echoes, reverberation, and noise pick-up. Microphones with limited low or high frequency response and with peaks in the voice range should be avoided.

A .210 inch diameter three conductor microphone plug (Switchcraft Type S-230) is provided with the T-4B. The microphone must be connected as shown here for proper VOX and push-to-talk operation. Many microphones that are furnished with a switch are wired so that the microphone cartridge is open or short circuited unless the switch is depressed. This function must be defeated or VOX operation will be impossible.



MICROPHONE

S-230 CONNECTOR
(SWITCHCRAFT)