

TELEX

Owners Manual/Operating Instructions
Telex Model PB-1 Transmitter

General.....

The Telex PB-1 is a Beltpack Transmitter operating within the VHF FCC Part 90.265(B) Wireless Microphone "traveling" frequency range.

The transmitter is especially suited for use wherever a small, reliable wireless microphone is required.

Please note that each transmitter requires a matching receiver on the same operating frequency.

The following frequencies are the only frequencies available in this service. Three of the frequencies may be combined to form a system (*).

169.445, 169.505*, 170.245, 170.305, 171.045*, 171.105, 171.845, and 171.905*.

Other combinations can be used depending on the application. Contact Telex Sales for assistance.

The Telex PB-1 Series features single channel crystal controlled units for the ultimate stability and clarity as well as economy.

A single switch turns on the RF and Audio to eliminate unnecessary confusion.

SETUP:

Before setting up the transmitter, it is necessary to set up the receiver or at least check the receiver operation if the receiver has been installed previously.

Place the receiver in an area where the antenna is in clear view of the transmitter operating area if possible. Connect the receiver audio output to the audio input of the VCR, mixer, amplifier or other device. Turn the input to these items down at this point.

Apply power to the receiver. Note that there should be no "Carrier" relay activated in the receiver at this time. If the relay is activated, this indicates RF interference to the channel and the interference must be eliminated or you should consider changing the channel frequency. If the interference is not severe, suitable operation can sometimes be made possible by adjusting the internal squelch control until the relay de-activates.

If the relay cannot be made to go off by adjusting the squelch control, then the channel should be abandoned.

Set the VCR or other audio device input volume control to its normal setting. If the input volume is excessive, the internal receiver volume can be adjusted.

Open the transmitter battery door and install a fresh 9 volt alkaline battery.

Plug the microphone into the transmitter if your model has a connector.

Clip or place the transmitter and microphone in the position desired and turn on the power switch. The battery light should flash once and go off. The relay in the receiver should be activated and the VCR or other device should be running. You are now ready to use the microphone. Talk in your normal tone and volume. If the audio to the VCR, mixer or amplifier sounds distorted or clipped, try reducing the input volume of the mixer or amplifier first, or turn the volume down in the receiver. If the audio is still distorted, adjust the transmitter microphone gain control located inside of the battery compartment.

FCC REGULATIONS:

The Telex Model PB-1 is Type Accepted under United States Federal Communications Part 90.265. Licensing of Telex equipment is the users responsibility and licensibility depends upon the users classification and the frequency selected. Telex strongly urges the user to contact the appropriate telecommunications authority before ordering frequencies other than factory preset frequencies.

CAUTION:

Changes or modifications made by the user could void the users authority to use the equipment.