

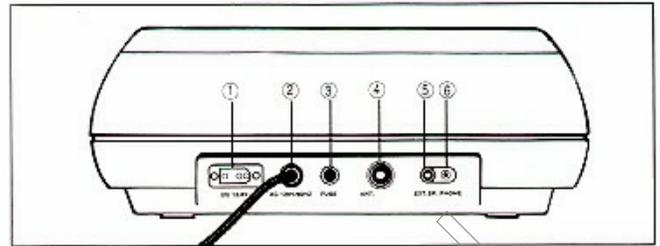
Operation (Cont.)

6. **CHANNEL SELECTOR SWITCH.** Selects any one of forty Citizens Band channels desired. (The selected channel is indicated by the LED readout ⑫ above the weather selector knob. Display will be off when radio is in Weather Band mode.)
7. **ANL SWITCH.** Press button to activate the Automatic Noise Limiter in the audio circuits. ANL is effective on static and other forms of atmospheric noise.
8. **CB/WEATHER SWITCH.** Used for selection between receiving Weatherband broadcasts or normal CB operation. **Note: The radio will not transmit in the Weatherband mode.**
9. **CH.9 SWITCH.** Used for instant selection of emergency Channel 9 (CH. 9 position). When switched out, all 40 CB channels are selected by the CHANNEL SELECTOR switch ⑦.
10. **S-METER.** Swings proportionally to the strength of the incoming signal during receiving.
RF-METER. Swings proportionally to the RF output power while transmitting.
11. **RX/TX LED INDICATOR.** When your radio is in the CB receive (RX) mode, the LED will be green. When in transmit (TX) mode, the LED will be red.
12. **LED CHANNEL DISPLAY.** The selected channel will be displayed. Display will be off when radio is in Weatherband mode.
13. **WEATHER MODE INDICATOR.** In Weatherband Mode, WEATHER will light red.

B. PRESS-TO-TALK MICROPHONE. Both the receiver and transmitter are controlled by the Press-to-Talk switch on the microphone. Press the switch and the transmitter is activated; release the switch to receive. When transmitting, hold the microphone two inches from the mouth and speak clearly in a normal voice. The microphone provided with your radio is a detachable low-impedance dynamic type. **The radio will not transmit in the Weatherband mode even though pressing the microphone switch will cause the red TX LED to illuminate.**

8

Operation (Cont.)



C. Rear Panel

1. **DC POWER JACK:** For emergencies such as AC power failure, your TR-193 WX can be hooked up to 12VDC power using a DC power cord (not supplied), available from any electronics store or Cobra (see back page).
2. **AC POWER CORD:** Plugs into any working 120VAC household outlet.
3. **FUSE:** Supplied with GMA 3 amp fuse.
4. **ANTENNA CONNECTOR:** This SO-239 connector permits connection of the transmission line cable PL-259 connector to the transceiver.
5. **EXTERNAL SPEAKER:** The External Speaker Jack is used for remote receiver monitoring. The external speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts. When the external speaker is plugged in, the internal speaker is automatically disconnected.
6. **PERSONAL HEADPHONE JACK:** Connect any headphones from a personal stereo ("Walkman"-type) for private listening.

Operating Procedure to Receive CB Broadcasts

1. Be sure that the power cord, antenna and microphone are connected to the proper connectors before proceeding further.
 2. Turn the radio ON by rotating the OFF/ON/VOLUME CONTROL knob clockwise.
 3. Set the RF GAIN CONTROL to switched out position.
 4. Rotate SQUELCH CONTROL counterclockwise until incoming signal is heard.
 5. Set the Channel Selector Switch to the desired channel.
 6. Set VOLUME CONTROL to a comfortable listening level.
- Listen to the background noise from the speaker. Turn the SQUELCH CONTROL slowly clockwise until the noise *JUST* disappears (no signal should be present). Leave the control at this setting. The squelch is now properly adjusted. The receiver will remain quiet until a signal is actually received. Do not advance the control too far, or some of the weaker signals will not be heard.

9