



Figure 3.2 Rear Panel Connectors

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- (1) **ANTENNA:** Accepts 50 Ohm coaxial cable with a type PL-259 plug to be connected.
- (2) **PA SPEAKER JACK:** Used for public address operation. The PA speaker should be connected to this jack using $1/8"$ (3.5 mm) diameter plug. Insertion of an external speaker into the External Speaker jack will not interrupt the PA operation.
- (3) **EXTERNAL SPEAKER JACK:** Used to connect an external speaker for extra sound source. Use $1/8"$ (3.5 mm) diameter plug for connection. Insertion of the plug into this jack will silence the internal speaker.
- (4) **CW KEY:** Use for morse code operation. Connect a CW key to this jack and place the MODE switch in the CW position.
- (5) **FUSE:** Accommodates a fuse for AC input circuit protection. Use 125V 5A fuse for replacement (220V operation use 250V 3A fuse).

8

NOTE

Before replacing the fuse, see your dealer to check to find out the reason why the fuse was blown. Replacing without check may only blow the fuse again.

- (6) **AC POWER CORD:** Connects to AC power outlet for AC mains supply.
- (7) **FREQUENCY COUNTER OUTPUT JACK:** The RCA type (pin) jack provides output for connecting an optional frequency counter so that you can watch the channel frequency digitally. The frequency counter readout will be possible on transmit mode only.
- (8) **RECORDING OUTPUT JACK:** The RCA type (pin) jack provides output for connection to a tape recorder to permit recording of received signals or your modulating voice.

3.1.3 Operating Procedure To Receive

IMPORTANT: Make sure that the ANTENNA, POWER SOURCE, and MICROPHONE re-connected before you operate.

- (1) Set the ECHO switch to OFF position.
- (2) Turn the unit on by setting the POWER SWITCH to ON position. Now the meters, Channel Indicator, and Function Indicators will be illuminated.
- (3) Temporarily, set MODE switch in AM position.
- (4) Set the SQUELCH CONTROL in fully counterclockwise position and adjust the AF gain control for a comfortable listening level.
- (5) 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 SQUELCH CONTROL at this setting. The SQUELCH CONTROL is now properly adjusted. The receiver will remain quiet until a signal is actually received. Do not advance the SQUELCH CONTROL to far clockwise or some of the weaker signals will not be heard.
- (6) Adjust the frequency control (Coarse) and set it to the center (12 o'clock) position.

9

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