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| (5) RCVR Tuning Control | Permits receiver tuning over the 50-52 Mc segment of the 6 meter band. |
| (6) MIC Jack | Permits connection of microphone. |
| (7) VOL Control | Adjusts the level of the audio output. |
| (8) VFO Tuning Control | Permits transmitter tuning over the 50-54 Mc segment of the 6 meter band when in VFO mode. |
| (9) XTAL-VFO Switch | Permits selection of either crystal or VFO operation of the transmitter oscillator. |
| (10) CRYSTAL Socket | Crystal is inserted in socket when transmitter is operated in XTAL mode. |
| (11) POWER Switch | Turns transceiver ON or OFF. |
| (12) ANT. LOAD Control | Tunes output portion of pi network for maximum power transfer into antenna load. |
| (13) BATTERY GROUND Switch | Selects positive or negative ground for mobile operation. |
| (14) BATTERY REVERSAL DIODE | Provides protection against incorrect DC power connection. |
| (15) METER ADJ Control | Provides an electrical zero adjustment for the S-Meter/Relative Power Meter. |
| (16) POWER Connector | This eleven pin connector accepts plug connectors (supplied) for direct connection to 115 volt, 60 cps power supply, or to 12 volt DC power supply. |
| (17) ANT. Connector | Provides connection for antenna transmission line. |

RECEIVER OPERATION

To operate the receiver portion of the HA-460 Transceiver, proceed as follows:

- (a) Connect a 6-meter 50-ohm antenna to the ANT receptacle located on the rear of the chassis.
- (b) Connect either the AC or DC power cord supplied with the unit to the eleven pin POWER connector located on the rear of the chassis, and an appropriate power source.
- (c) Set the POWER switch to ON. The dial window should become illuminated indicating power is applied to the transceiver.
- (d) Adjust the VOL control for the desired audio level.
- (e) Rotate the RCVR tuning control to the desired frequency.

NOTE: If desired, headphones may be used in place of the internal speaker. To use headphones, simply plug them into the PHONES jack on the front panel. This will automatically silence the internal speaker.