



FIGURE 1—MOBILE INSTALLATION

## OPERATION

### CONTROLS, INDICATORS AND CONNECTORS

The controls, indicators and connectors necessary for the operation of the HA-460 are listed in Table 1.

TABLE 1 CONTROLS, INDICATORS AND CONNECTORS

Control, Indicator or Connector	Function
(1) PLATE TUNE Control	Tunes transmitter power amplifier plate circuit for maximum power output.
(2) S-METER/RELATIVE POWER METER	Receive Mode: Indicates strength of received signal on S-Meter calibrated in S-Units from 1 to 9 and from 10 to 30 db above S9. Transmit Mode: Indicates relative power output of transmitter.
(3) SPOT Switch	In the ON position: Applies plate voltage to the transmitter oscillator when in receive mode. This causes generation of a strong unmodulated signal which may be tuned in on the receiver to determine the frequency of transmission.
(4) PHONES Jack	Permits connection of headphones or external speaker (4 - 8 ohms). Insertion of plug into jack automatically silences internal speaker.