

- 22. **EXT RF LOAD Jack.** Connects external antenna or dummy load to CB ServiceMaster.
- 23. **TRANSCEIVER Jack.** Connects antenna jack of the Citizen's Band transceiver to the CB ServiceMaster. Signal from RF GENERATOR jack (26) is applied to the Citizen's Band receiver through the TRANSCEIVER jack during the receive mode. When the transmitter is keyed, the RF GENERATOR jack is automatically disconnected to protect the signal generator, and the transmitter output is monitored by the TRANSMITTER RF OUTPUT meter (13).
- 24. **OSCILLOSCOPE Jack.** Connects output signal to oscilloscope. When Citizen's Band radio is transmitting, the OSCILLOSCOPE jack output signal is a 1 MHz representation of 27 MHz carrier, which permits visual examination of the modulation envelope. When the Citizen's Band radio is receiving, the receiver audio output signal is applied to the OSCILLOSCOPE jack.
- 25. **FREQUENCY COUNTER Jack.** Connects low power

sample of transmitter RF output to frequency counter.

- 26. **RF GENERATOR Jack.** Connects RF signal generator to CB ServiceMaster. When the Citizen's Band radio is in the receive mode, the RF signal generator carrier is applied to the transceiver's antenna input through the TRANSCEIVER jack (23). When the Citizen's Band radio is transmitting, the RF GENERATOR is automatically disconnected from the TRANSCEIVER jack to protect the signal generator and the power output of the transceiver is switched to the RF power-measuring circuits of the ServiceMaster.
- 27. **EXT 12V INPUT Terminals.** Connect CB ServiceMaster to external 12-volt power source; permit operation from 12-volt battery or DC power. (+) and (-) markings indicate proper polarity for connection.
- 28. **Fuse.** (Internal—not shown.)
- 29. **AC Power Cord.** Connects to 120-volt, 60-Hz AC power source.

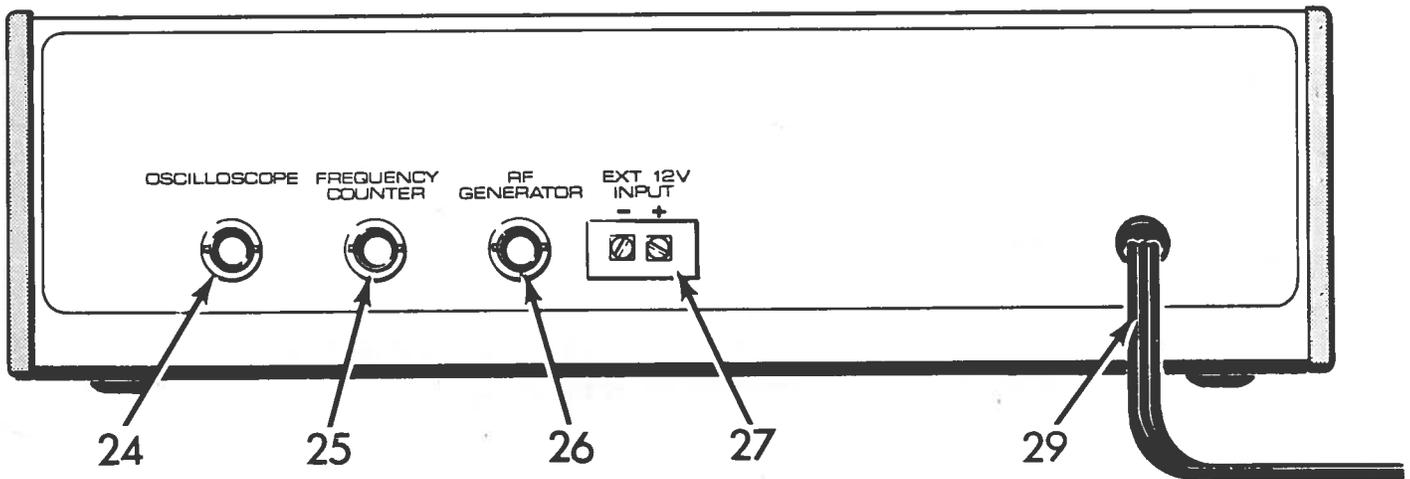


Fig. 3. Controls and Indicators and Operator's Facilities, Rear View