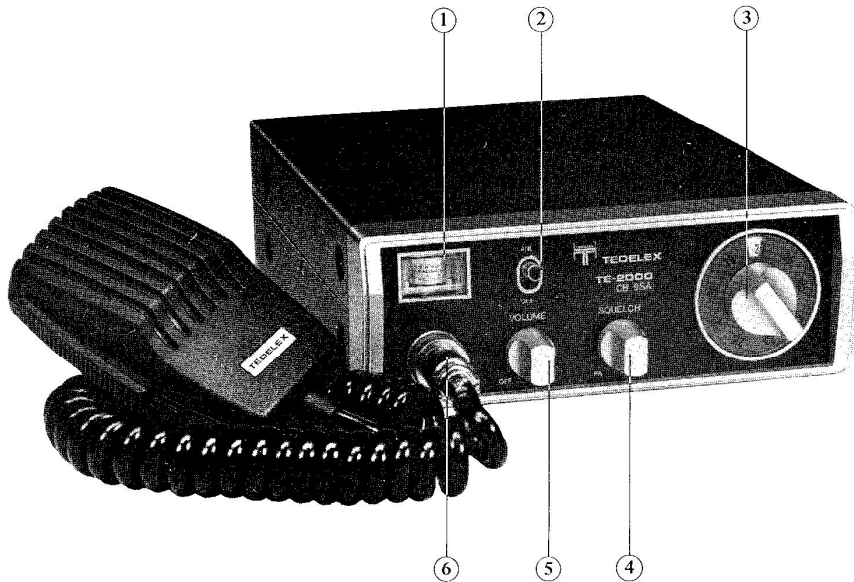


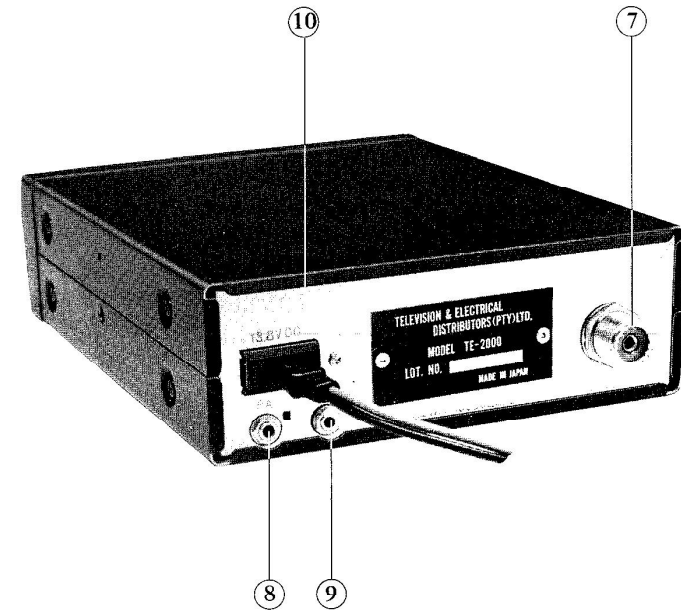
## OPERATING CONTROLS AND FEATURES



### FRONT PANEL

1. **S-RFP METER:** This meter indicates an antenna incoming signal strength when receiving, and an RF output power when transmitting. In reception, reading "S9" relatives 100 micro-Volt antenna input.
2. **ANL-OFF SWITCH:** Selects the automatic noise limiter circuit which acts to reduce atmospheric noise. Description, has been made in the manual for further information of noise reduction.
3. **Channel Selector Dial:** Rotary switch selects CB channels 19 through 27 for both transmit and receive operation. See Channel Frequency Chart provided in the manual for assigned frequencies.
4. **Squelch/PA Control:** This knob is used to "quiet" the receiver section during no incoming signal conditions. Proceed as follows:
  - 1) Turn counterclockwise initially, turning unit's power switch on.
  - 2) Search for a channel on which no stations are transmitting.
  - 3) Turn Squelch control slowly clockwise until the receiver noise disappears.
 Any signal to be received must now be stronger than the average receiver noise. (The extremely clockwise position of the knob actuates the PA system.)

5. **Off/Volume Control:** This function is an on-off power switch at the extreme counter clockwise position, and to vary the sound output level from the speaker built-in (or externally connected).
6. **Microphone Connector:** 4-pin socket for attachment of push-to-talk dynamic type microphone supplied with the unit. The unit will not even receive with microphone disconnected to this jack, thus providing a mean of avoiding an unauthorized use.



### REAR PANEL

7. **Antenna Connector:** For antenna lead-in cable with matching PL-259 type coax plug terminated. A cable should be as short as possible and only RG-58/u or RG-8/u is recommended.
8. **PA Speaker Jack:** Connect a 8 - 16 Ohm impedance speaker for PAoperation of the unit.
9. **EXT Speaker Jack:** Also connect an external speaker device such as a head-phone.
10. **DC Power Connector:** Used to feed 12 Volt dc power from the vehicle battery to the unit, using the DC power cord set supplied with the unit (red wire is plus, +; black is minus, -).