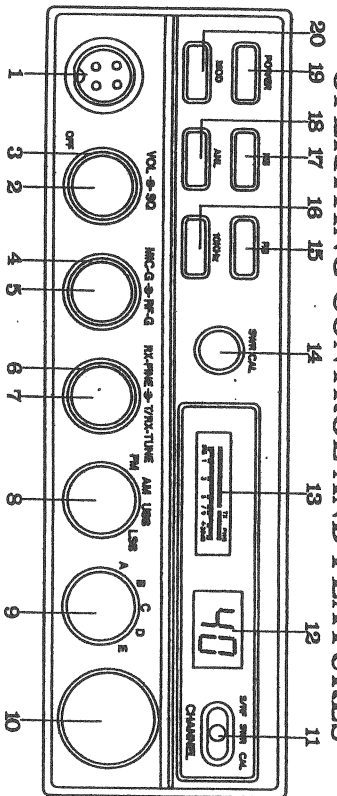


## OPERATING CONTROL AND FEATURES



- (1) MICROPHONE JACK**  
This jack accommodates the microphone connector and is wired to provide transmit when microphone switch keyed.
- (2) POWER ON OFF SWITCH VOLUME CONTROL**  
This switch turns transmitter power ON and OFF. Power is observed to be ON when the Channel Selector Dial and the Meter lights glow, and OFF when the lights are not illuminated and the transmitter fails to operate. Controls output from the built-in external speaker connected to the "EXT SP" (rear of transmitter).
- (3) SQUELCH CONTROL**  
The word "squelch" means to silence; therefore the function of the control is to silence the atmospheric noise (hash) usually present in all high frequency AM radio communication. The maximum "squelch" is obtained when the control is in full CLOCKWISE position, minimum "squelch" when in the COUNTERCLOCKWISE position.
- (4) RF GAIN CONTROL SWITCH**  
This control is used to increase the sensitivity of the receiver so that distant stations may be received more clearly or to decrease the sensitivity so that very strong stations may be received more clearly.
- (5) MICROPHONE GAIN CONTROL**  
This control provides the proper or desired modulation.
- (6) RX FINE**  
This control provides an adjustment of TUNING-IN stations which are slightly OFF frequency, to optimize the AM and SSB reception.
- (7) TRX TUNE**  
This control provides an adjustment of TUNING-IN stations which are slightly OFF frequency, to optimize the receiving Transmitter.
- (8) FM, AM, USB, LSB MODE SELECTOR SWITCH**  
This selector enables the operator to select the mode of operation, FM or AM and upper or lower side band. The switch changed both the transmitter and the receiver.
- (9) A. B. C. D. E BAND SELECTOR SWITCH**  
This switch selects the mode of operation, A: 26.065 ~ 26.505 MHz B: 26.515 ~ 26.955 MHz C: 26.965 ~ 27.405 MHz D: 27.415 ~ 27.855 MHz E: 27.865 ~ 28.305 MHz
- (10) CHANNEL SELECTOR SWITCH**  
This Channel Selector sets the channel frequencies simultaneously for the receiving and transmitting modes. Refer to the PTT Rules and Regulations for complete information on the use of the various channels.
- (11) S/R.F. SWR CAL METER CONTROL SWITCH**  
This switch is used to select the scale to be read on the RF Power Meter. The switch has three positions: S/R/F (Signal/Radio Frequency), CAL (Calibrate), SWR (Standing Wave Ratio).
- (12) DIGITAL LED CHANNEL INDICATOR**  
LED (Light Emitting Diode) indicates the channel selected.
- (13) S/R.F AND SWR LEVEL METER**  
At receive mode, This meter relate indication of signal strength. In the transmit mode, This meter relate indication of antenna RF Power and modulation and SWR Calibration.
- (14) SWR CALIBRATION CONTROL**  
The Calibration Control provides (while keying transmitter) meter calibration adjustment enabling true standing wave ratio reference.
- (15) ROGER BEEP SWITCH**  
Roger Beep tone on/off switch.
- (16) +10 KHZ SWITCH**  
This switch can be operated to shift +10KHz from TUNED selected channel or frequency in TX and RX.
- (17) NOISE BLANKER SWITCH**  
NB circuits delete the noise in the IF AMP
- (18) AUTOMATIC NOISE LIMITER SWITCH**  
When the switch to ANL Position, it reduces electrical impulse noise, such as those caused by engine ignition system, etc.
- (19) RF POWER SWITCH**  
This switch selects the transmit power HI and LOW
- (20) MODULATION METER SWITCH**  
This switch is used to read the TX MODULATION DEGREE.