
B. TECHNICAL DESCRIPTION

1. GENERAL

MODEL 19DX IV CB IS AN MOBILE AM RADIO TRANSCEIVER
FOR USE OF THE CITIZENS BAND RADIO.

or FRONT PANEL CONTROLS

- (1) LCD (CHANNEL)
- (2) RX/TX SIGNAL LEVEL INDICATOR
- (3) VOLUME CONTROL(WITH ON/OFF SWITCH)
- (4) SQUELCH CONTROL
- (5) RF GAIN CONTROL
- (6) UP/DN ROTARY SWITCH
- (7) CH 9/19 S/W
- (8) CB/PA S/W
- (9) MICROPHONE SOCKET

or ASSESSABLE CONNECTORS

- a. ANTENNA SOCKET
- b. EXTERNAL BATTERY WIRE (battery(+)(-))
- c. EXTERNAL CONNECTOR(SPEAKER OUTPUT)
- d. EXTERNAL CONNECTOR(PA OUTPUT)

2. TYPE OF EMISSION : AM(A3E)

3. FREQUENCY RANGE

STANDARD 40 CB CHANNELS
26.965 [MHz] (1CH)- 27.405 [MHZ] (40CH)

4. RF POWER OUTPUT : 4.0 [W]

5. DC INPUT VOLTAGE AND CURRENT WITH 13.2 [V] DC INPUT TO POWER AMP

TRANSMITTER POWER AMP -----	VOLTAGE 12.6 V
	CURRENT 727 mV
TRANSMITTER DRIVER AMP -----	VOLTAGE 12.6 V
	CURRENT 120 mV

6. RECEIVER IF AND LOCAL OSCILLATOR FREQUENCIES .

FIRST IF -----	10.7 [MHz]
SECOND IF -----	450 [KHz]
FIRST LOCAL OSCILLATOR -----	37.665 [MHz] Above receiving frequencies
SECOND LOCAL OSCILLATOR -----	10.250 [MHz]