

# *Teamup*<sup>®</sup>

## CB MOBILE RADIO



## USER'S MANUAL

## FCC Warning Statements

The antenna used for this radio must be properly installed and maintained and must provide a separation distance of at least 25.76cm from all persons and must not be collocated or operated in conjunction with any other antenna or transmitter. Never transmit if any person is closer than the specified distance to the antenna.

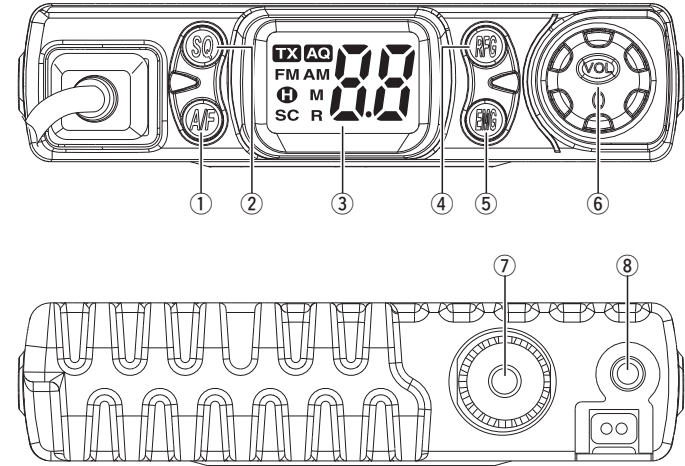
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part

15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

## KNOW ABOUT THIS RADIO



- ① Mode/Scan key
- ② Squelch control, SQ, ASQ switch key
- ③ LCD
- ④ RF Gain control
- ⑤ CH9/CH19/Keypad lock
- ⑥ Power ON/OFF Volume control
- ⑦ Antenna Jack
- ⑧ External speaker Jack

## HOW TO USE THIS RADIO

### ■ POWER ON/OFF THE RADIO

1. Turn VOL switch clockwise to power on the radio, the LCD displays the Norms and then displays channel number.
2. Turn VOL switch anti-clockwise, until hear Ka Ta, the radio is powered off.

### ■ VOLUME CONTROL

Turn clockwise to increase volume, anti-clockwise to decrease volume.

### ■ CHANNEL CONTROL

1. Short press [UP] or [DN] to change working channel.
2. Hold [UP] or [DN] can fast change working channel.

### ■ SQUELCH LEVEL CONTROL (O.F TO 2.8 LEVEL AVAILABLE)

1. Short press [SQ], until LCD displays SQ and then displays X.X, X.X stands for SQ level, the bigger value stands for high squelch level.
2. Short press [UP] or [DN] to change SQ level.
3. Hold [UP] or [DN] can fast change SQ level.
4. Hold [SQ] or wait for 3 seconds to store and exit.

### ■ ASQ CONTROL (A.1-A.9 LEVEL AVAILABLE)

1. Hold [SQ] key, until LCD displays AQ, the ASQ function turned on. The LCD will displays "A.X", "X" stands for the ASQ level.

2. Short press microphone [UP] or [DN] to change SQ level
3. Hold microphone [UP] or [DN] can fast change ASQ level.
4. Hold [SQ] or wait for 3 seconds to store and exit.

### ■ MODE CONTROL

1. Short press [A/F] key to switch between AM /FM mode.
2. The LCD displays the selected mode.

### ■ RF GAIN CONTROL

1. Short press [RFG] key, LCD displays R and the present RF gain level flashes.
2. Short press microphone [UP] or [DN] to change level.
3. Short press [RFG] key to exit RF gain level control.

NOTE: When RFG function is on, the LCD displays R. If RFG level is 6 means the attenuation is 6dBm.

### ■ EMERGENCY CHANNEL

1. Short press [EMG] key to choose CH9, the channel number flashes.
2. Short press [EMG] key again to choose CH19, the channel number flashes.
3. Short press [EMG] key third time to return to last normal channel.

### ■ KEYPAD LOCK

1. Hold [EMG] key for over 2 seconds to lock the keys, LCD displays "LC".
2. Hold [EMG] key for over 2 seconds again to unlock the keys, LCD

displays OF.

**NOTE:** In lock Mode all keys except PTT is valid.

### ■ SCAN FUNCTION

1. Hold [A/F] to start scan function, "SC" flashes in the LCD;
2. Press [UP] or [DN] to change scan direction during scan;
3. Press [A/F] or [PTT] key to exit scan function.

### ■ BAND CONTROL

1. Hold [A/F] to power on radio, until LCD displays the bands;
2. Press [UP] or [DN] to choose wanted bands;
3. Power off and power on again.

### ■ HIGH/LOW CONTROL

1. Hold [RFG] and [PTT] key to power on;
2. Press [UP] or [DN] to choose wanted power level, PH is 8W, PL is 4W;
3. Power off and power on again.

### ■ INSTALL EXTERNAL SPEAKER

Choose a 8Ω external speaker with 3.5mm mono connector.

### ■ RESUME FACTORY DEFAULT

1. Hold [SQ] key to power on radio, until the LCD displays "RT".
2. All channel and function setting will resume factory default after above operation.

## SPECIFICATION

| GENERAL                      |  |                |
|------------------------------|--|----------------|
| Modulation Mode              | AM   |                |
| Frequency Range              | 26.965-27.405MHz   |                |
| Frequency Tolerance          | ±5.0 ppm   |                |
| Input Voltage                | 13.2V  |                |
| Dimensions                   | 109x104x25mm   |                |
| Weight                       | 421g   |                |
| Ferquency Control            | PLL Synthesizer  |                |
| Operating Temperature Range  | -20°C ~ +50°C  |                |
| Current Drain                | Transmit   | 2A MAX         |
|                              | Receive  | Squelched 0.3A |
|                              | VOL Max  | 0.8A           |
| Antenna Connector            | UHF, SO-239  |                |
| TRANSMITTER                  |  |                |
| Power Output                 | 4Watts AM  |                |
| Transmission interference    | inferior to 4nW (-54dBm)   |                |
| Frequency Response           | 300-3000Hz   |                |
| Modulated signal distortion  | inferior to 5%   |                |
| Output Impedance             | 50 Ω   |                |
| RECEIVER                     |  |                |
| Sensitivity                  | Less than 1μV for 10dB (S+N)/N   |                |
| Image Rejection              | 70dB   |                |
| Adjacent Channel Rejection   | 60dB   |                |
| IF Frequencies               | 1st 10.695MHz  |                |
|                              | 2nd 455KHz   |                |
| Automatic Gain Control (AGC) | Less than 10dB change in audio<br>Output for inputs from 10 to 50000μV |                |
| Squelch                      | less than 1μV  |                |
| Audio Output Power           | 1Watts   |                |
| Frequency Response           | 300-3000Hz   |                |

***Teamup***<sup>®</sup>