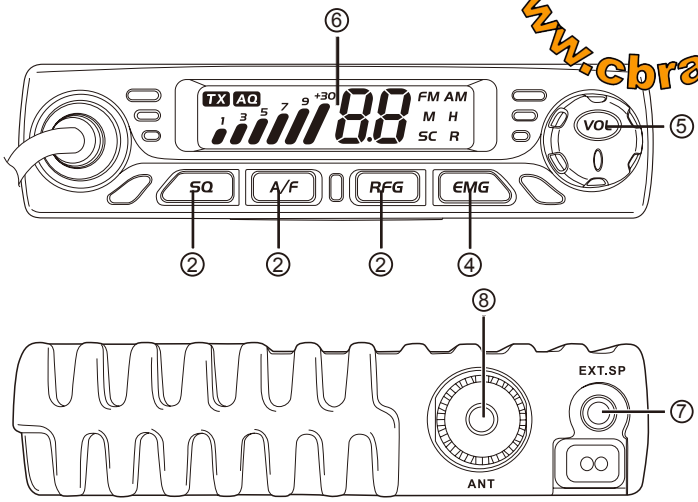
AnyTone®

SMART CB RADIO

USER MANUAL

■ KNOW ABOUT THIS RADIO



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

Note: The higher SQ level selected, the stronger signal required to open speaker and hear the calling.

⁜ 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, the bigger value stands for high squelch 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.

Note: The higher ASQ level selected, the stronger signal required to open speaker and hear the calling.

⁜ Mode control

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

RF Gain contro

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" falshes 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.

Norms control

1. Hold [A/F] to power on radio, until LCD displays the norms;
2. Press [**UP**] or [**DN**] to choose wanted norms;
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", the resume work finish.
2. All channel and function setting will resume factory default after above operation.

■ SPECIFICATION

GENERAL		
Modulation Mode		AM/FM
Frequency Range		26.565-27.99125MHz
Frequency Tolerance		0.005%
Input Voltage		13.2V
Dimensions(in mm)		104x109x25cm
Weight		421g
Ferquency Control		PLL Synthesizer
Operating Temperature Range		-20℃ to +50℃
Current Drain	**Transmit**	with push-to-talk /UP/DN and coiled cord
	Receive	2A MAX
	VOL Max	Squelched 0.3A
Weight		0.8A
Antenna Connector		UHF,SO-239

TRANSMITTER	
Power Output	4 WattsFM/AM
Transmission interference	inferior to 4nW(-54dBm)
Frequency Response	300-3000Hz
Modulated signal distortion	inferior to 5%
Output Impedance	50 ohms

RECEIVER	
Sensitivity	Less than 1uV 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
	Output for inputs from 10 to 50000uV
Squelch	less than 1uV
Audio Output Power	1Watts
Frequency Response	300-3000Hz