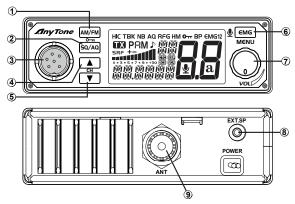


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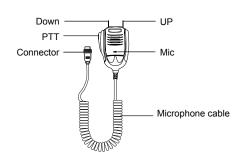
10 METER RADIO Instruction Manual



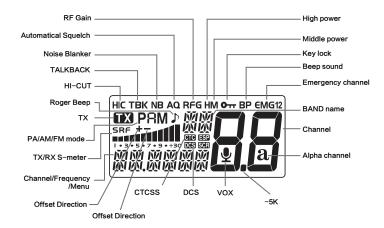
1. KNOW ABOUT THIS RADIO



1	Mode/Keypad lock
2	Squelch control, SQ, ASQ switch key
3	Microphone Jack
4	Channel up selector
5	Channel down selector
6	Emergency channel
7	Power On/Off Volume control
8	External speaker Jack
9	Antenna Jack



2. LCD



Function and Features

- 1. AM/FM/PA MODE
- 2. 7 COLOR DISPLAY
- 3. VOX FUNCTIONS(TRANSMIT WITHOUT PRESS PTT)
- 4. SQ. ASQ FUNCTION
- 5. RE GAIN FUNCTION
- 6. SCAN FUNCTION
- 7. RB FUNCTION
- / RETUNCTION
- 8. NB FUNCTION
- 9. DUAL-WATCH FUNCTION
- 10. BEEP SOUND
- 11. TOT FUNCTION
- 12. HI-CUT FUNCTION
- 13. FMG CALL
- 14. SUIT DYMATIC AND ELECTRONIC MICROPHONE
- 15. BACKLIGHT BRIGHTLESS ADJUSTABLE
- 16. -5KHZ FUNCTION
- 17: OFFSET FUNCTION
- 18. KEY LOCK FUNCTION
- 19. CTCSS/DCS CODE (OPTIONAL)
- 20. BUILT IN 12/24V CONVERTOR (OPTIONAL)

3. HOW TO USE THIS RADIO

3.1 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.

Note: The standard version support 12V DC power supply. optional version support 12+24V check your version before connect power supply.

3.2 Volume Control

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

3.3 Channel Control

- (1) Short press [UP]/[DN] key to change channel by one step.
- (2) Hold [UP]/[DN] can fast changed channel.

3.4 [5Q/AQ]

***Squelch level Control (short press)**

- (1) Short press [], until LCD displays "SQLSET [] []", "[] []" stands for SQ/AQ level, the bigger value stands for high squelch level.
- (2) Short press microphone [${\bf UP}$] or [${\bf DN}$] to change SQ/AQ level.
- (3) Long press microphone [UP] or [DN] can fast change SQ/AQ level.
- (4) Short press 50/A0 or wait for 10 seconds to store and exit.

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

***ASQ Control (long press)**

- (1) Long press 50, until LCD displays "AQ", the ASQ function turned on.
- (2) Short press so , until LCD displays "ASQUET US", "US", "US" stands for ASQ level, the bigger value stands for high squelch level.
- (3) Short press [UP]/[DN] to change ASQ level.
- (4) Hold [UP]/[DN] can fast change ASO level.
- (5) Short press 50 or wait for 10 seconds to store and exit.
- (6) Long press 50 key again to turn on SQL function.

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

3.5 (AM/FM	
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Mode Control (short press)

- (1) Short press (AM/FM), key to switch between (FM) / FM mode.
- (2) The LCD displays the selected mode.

※Keypad Lock (long press)

- (1) Long press (AM/FM) key for over 2 seconds to lock the keys, LCD displays
- (2) Long press (AMFM) key for over 2 seconds again to unlock the keys (OTT disappears form LCD.

Note: In lock Mode all keys except PTT is valid.

3.6 EMG

※Emergency Channel (short press)

- (1) First press (1), key to choose the first programmed emergency channel, LCD displays **EMG1**.
- (2) Second press [MG], key to choose the second programmed emergency channel.
- (3) Third press , key to return to last normal channel, LCD displays EMG2.

Note: The default emergency channel are channel 9 and channel 19. See menus Emergency Channel Set page 8 for the emergency channel configuration.

※Functions (long press)

Long press key to enter in memu and set different function.

3.7 Scan Function.....

- (1) Hold [UP]/[DN] for over 5 seconds, when you hear /di di/, scan started.
- (2) Short press [UP]/[DN] key to change scan direction.
- (3) Short press [AM]/[FM] to change mode, short press EMG or [PTT] to exit scan.

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3.8 VOX function
The VOX function allows transmitting by speaking into the original microphone without pressing the PTT switch. Press [PTT] + [EMG] key to activate VOX function, LCD displays microphone icon, and then press [PTT] + [EMG] key to disable VOX
function. The microphone icon disappeared.
Note: When turn on VOX, the mic icon flashes, VOX sensitivity and time setting refer to page 6.
3.9 PA Function
This function allows you to select the mode of operation for public broadcasting.
Turn on PA mode: "PA" and modulation mode (AM/FM) flicker alternately. The volume switch knob is used to adjust the audio level of mode PA.
3.10 Talkback Level
This function allows you to adjust the volume of your walkie-talkie. (1) Start the intercom function (see "intercom" on page 8).
(2) Hold down the PTT switch, then the [up] key increases or the [down] key decreases the Talkback Level
(3) Release PTT switch and save Talkback Level.
3.11 Norms Control
(1) Hold [AM/FM] to power on radio, until LCD displays the norms.
(2) Short press ▲ or ▼ or microphone [UP]/[DN].
(3) Power off and power on again.
3.12 Install External Speaker
3.13 Menu Operations
(1) Long press EMG key to enter menu list.
(2) Short press microphone [$\bf UP$] or [$\bf DN$] or \blacksquare or \blacksquare to choose menu to be.
(3) Short press EMG key to enter function setting parameter of the chosen function, the parameter blinks on LCD.
(4) Short press microphone [UP] or [DN] or ▲ or ▼ to choose

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wanted setting.

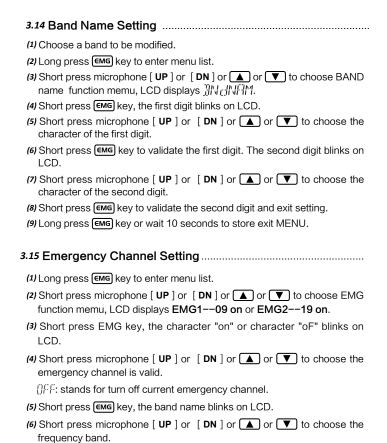
(5) Short press (EMG) key to validate the mode and exit setting.
(6) Long press (EMG) key or wait 10 seconds to store exit MENU.

NO.	LCD display	Function detail	Setting details
1	Carser	CTCSS/DCS encode/decode	nF: CTCSS/DCS is OFF; CT: 67.0Hz~250.3Hz; DT: D023N~D754N; Note: This function is optional.
2	KEAMP	Beep sound	□ ⊓ : turn on beep sound □ F : turn off beep sound Default: □ ⊓
3	REPON	RF power setting	LO: low power nl: middle power Hl: high power Default: LO Note: This function is valid only when the radio work in HF model or HAM model.
4	TIM	Scan type setting	Sq: squelch scan tl: time scan Default: \(\frac{G}{G} \)
5	HILUT	HI-CUT setting	ດF: turn off HI-CUT function ດີ⊓: turn on HI-CUT function Default: ດີF
6	MICSET	Microphone gain	1~9, Total 9 levels Default: 6
7	MIC TP	Microphone type	EL: Electronic dy: Dynamic Default: EL Note: Speak into microphone and watch the S-meter to choose wanted mic gain .
8	VOX L	VOX Sensitivity	1~9: total 9 levels Default: 3
9	VDX T	VOX Time	1~9: Total 9 levels Default: 4
10	TAL BAK	Talkback level control	oF, 1∼9 Default: oF

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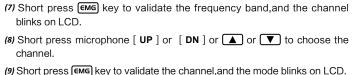
NO.	LCD display	Function detail	Setting details
11	ANL/NB	Noise blanker	□F: turn off ANL/NB function □□: turn on ANL/NB function Default: □F
12	REPSET	Offset direction	☐F: Turn off offset; -: negative offset, TX frequency low than RX frequency; +: minus offset, TX frequency high than RX frequency; Note: Valid only in HF or HAM mode.
13	REGAIN	RF gain level control	Level AU 03,06,09~48 Default: oF Note: If the AUTO RFG function is on, the radio will turn on the automatic RFG function.
14	ROGIP	RB sound setting	□F, 1-5 □F: turn off RB sound function. Default: □F
15	COLOR	Backlight color setting	OR: Orange gr: Green bL: Blue Cy: Cyan yE: Yellow PU: Purple CL: White Default: OR
16	BRIGHT	Backlight brighless	Level 1~6 Default: 4
17	TOTSET	Time out timer	□F, 1~10Min Default: 1
18	RU-5K	Frequency -5KHz function	☐☐:turn on -5KHz function ☐F:turn off -5KHz function Default:☐F Note: This function is only valid for radio operating in HAM mode.

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Note: This frequency band selection is valid only when the radio work in HF

model or HAM model.



- Short press [EMG] key to validate the channel, and the mode blinks on LCD
- (10) Short press microphone [UP] or [DN] or ▼ to choose the mdoe AM or FM.
- (11) Short press (EMG) key to validate the mode and exit setting.
- (12) Long press (EMG) key or wait 10 seconds to store exit MENU.

Note: Choose the frequency band is valid only when the radio work in HF model or HAM model.

3.16 Resume Factory Default

- (1) Long press EMG key to enter menu list.
- (2) Short press microphone [UP] or [DN] or ▼ to choose reset function memu, LCD displays RE SET.
- (3) Short press (see key to enter menu selection, RESET falshes in the LCD.
- (4) Long press [EMG] key key until LCD only displays [1][1] 1.
- (5) Release [EMG] key, the radio automatically reseted.

4. SPECIFICATION

GENERAL				
Modulation Mode		AM/FM		
Frequency Range		28-29.7MHz		
Frequency Toleran	ce	± 5.0ppm		
Input Voltage		13.8V		
Dimensions		185x124x38mm		
Weight		620g		
Operating Tempera	ature Range	–20℃ to +50℃		
	Transmit	5A MAX		
Current Drain	Receive	Squelched 0.3A		
	VOL Max	0.7A		
Antenna Connector	Г	UHF, SO-239		
TRANSMITTER				
Power Output		AM 7W, FM15W		
Transmission interf	erence	inferior to 4nW		
Frequency Respon	se	300-3000Hz		
Modulated signal di	stortion	inferior to 5%		
Output Impedance		50 ohms		
	RE	CEIVER		
Sensitivity		Less than 1uV for 10dB(S+N)/N		
Image Rejection		70dB		
Adjacent Channel F	Rejection	60dB		
IF Frequencies		1st 10.695MHz		
ii i requencies		2nd 455KHz		
Automatic Gain Co	otrol(ACC)	Less than 10dB change in audio		
Automatic Gain Coi	IIIIOI(AGC)	Output for inputs from 10 to 50000uV		
Squelch		less than 1uV		
Audio Output Powe	r	2Watts at 8Ω less than 10% distortion		
Frequency Respon	se	300-3000Hz		

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WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device does not cause any harmful interference; and (2) this radio must accept any interference that may cause undesired operations.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which
 the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Licensing Information

Use our radio in USA is subject to the rules & regulations of FCC. Changes or modifications not expressly approved by our may void the user authority granted by the FCC to operate this radio and should not be made. To comply with FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

Note: Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

WARNING: MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.



Qixiang Electon Science & Technoloyg Co.,Ltd. **www.anytone.net**