



Qixiang Electron Science & Technology Co.,Ltd.

www.anytone.net

AnyTone[®]

ARES II

Instruction Manual



FCC Compliance Statements:

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.

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.

WARNING:

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

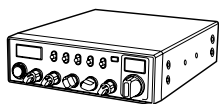
CONTENTS

FUNCTIONS & FEATURES.....	1
STANDARD ACCESSORIE	2
OPTIONAL ACCESSORIE	2
INSTALLATION.....	2
GETTING ACQUAINTED.....	6
HOW TO USE YOUR RADIO	8
SLIDE SWITCH.....	9
FUNCTION MENU	10
ERROR CODE	11
SPECIFICATIONS.....	11

FUNCTIONS & FEATURES

- ◆ PA/FM/AM/USB/LSB mode
- ◆ Weather Channel 150-170MHz programmable(Optional)
- ◆ CTCSS/DCS Code
- ◆ PWR, RX RSSI S-Meter
- ◆ PC programmable
- ◆ Echo Function
- ◆ SQ, ASQ Function
- ◆ RF Gain Adjustment
- ◆ Mike Gain Adjustment
- ◆ RF PWR Adjustment
- ◆ Programmable RB
- ◆ NB/ANL Function
- ◆ Offset Function
- ◆ Beep Voice Prompt
- ◆ +10KHz Function
- ◆ TOT Function
- ◆ HI-CUT Function
- ◆ Busy channel lock
- ◆ Monitor
- ◆ LED Brightness Adjustment
- ◆ SWR Protection
- ◆ Voltage Protection
- ◆ VOX Function
- ◆ RX noise reduction
- ◆ TX noise reduction
- ◆ NPC function
- ◆ SCAN function

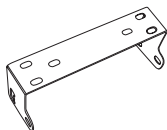
■ STANDARD ACCESSORIES



Radio



Microphone



Mounting Bracket



Microphone Hanger



Non-slip Mat



DC Power Cable



Screws for bracket



Pads for bracket



Adjusting screws



Spare Fuses (10A, 250V)



Self-tapping Screws



Pads

■ OPTIONAL ACCESSORIE



USB Programming Cable

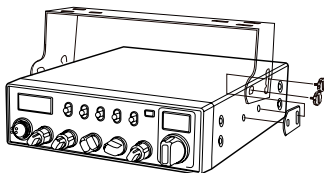
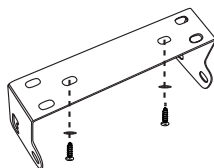


External Speaker

■ INSTALLATION

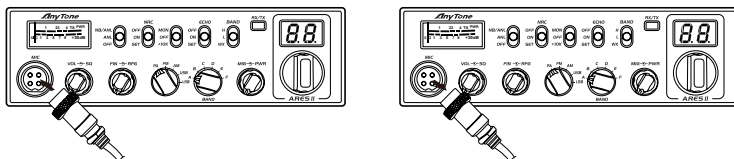
Choose the most appropriate setting from a simple and practical point of view. Your radio should not interfere with the driver or crash the driver's knee or leg when rush brake.

1. Using the self-tapping screws and pads(2 sets) to fix the bracket.
2. Put the Non-slip mat on the 2 ends of the bracket and put in the radio. Then insert the adjusting screws and check careful each screws, make sure the screws and machine will not loose when the car shaking.
3. Choose suitable angle by the 3 screw holes in the two ends of bracket.



❏ Microphone connection

1. Plug microphone connector into jack.
2. Pull on the screw for microphone connector.

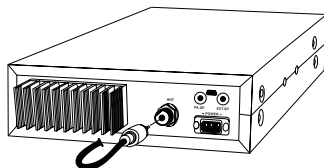


❏ ANTENNA INSTALLATION

Before using this radio, please install a high efficient and harmonious adjusted CB antenna, suitable antenna type and correct installation will bring excellent communication.

To match with the radio, the antenna and cable shall with characteristic impedance of 50ohm, or the antenna system will not efficient enough and will disturb TV, radio or other electronics.

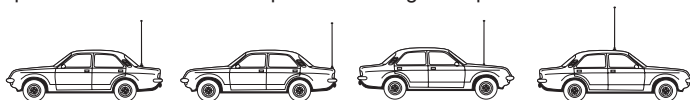
1. Screw the antenna connector into the antenna jack.
2. Grounding the antenna system to ensure best performance of this radio.



WARNING:

- ▲ Connect antenna firstly before transmitting, or it might damage the radio.
- ▲ To avoid the risk of fire, electric shock, radio damage, all base station shall equip of lightning protector
- ▲ Be sure choose a matching antenna, you may enquiry our dealers.

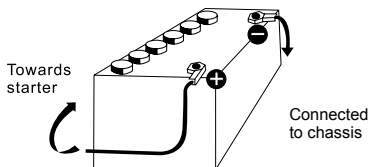
3. The position of antenna can be put as following example:



❏ POWER CONNECTION

This radio adopt 13.8V power supply, never connect it to 24V battery, And the 13.8V car battery shall with sufficient current, or the LCD will become dark and Transmit power will drop down.

1. Connect positive red power cable with the + terminal of the battery.
2. Connect negative black power cable with the - terminal of the battery.
3. Connect the DC power cable to the transceiver's power supply connector.
 - ▲ We suggest not use cigar lighter as it often bring down the voltage.
 - ▲ Locate the power cable away from high temperature, moisture, portfire and cable insulator.
 - ▲ Use a full power cable even it is longer than need, do not take off the fuse holder from the cable.



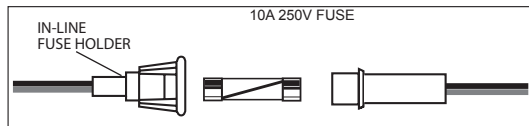
✖ Replacing Fuse

This radio adopt 10A, 250V fuse.

If the fuse blows, determine the reason, then correct the problem.

After the problem is resolved, replace the fuse. If newly installed fuses continue to blow, disconnect the power cable and contact your autho-rized dealer or an authorized servicecenter:

1. Pull the two fuse cover in difference direction and open it.



2. Replace the broke fuse with good one, and close the fuse holder.
3. Be sure to use suggested fuse, or it might damage the radio.

