AQUATIC AV®

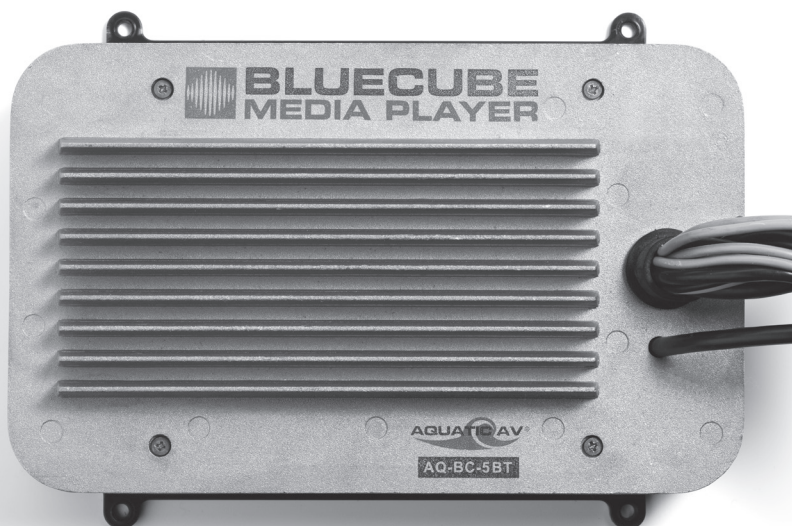**products with a watertight reputation**

BLUECUBE - AQ-BC-5BT
WATERPROOF MEDIA PLAYER
for Bluetooth MP3 devices

OWNERS MANUAL

BLUECUBE
MEDIA PLAYER

Bluetooth®   **mp3**

Table of Contents

1.1 Contents

• AQ-BC-5BT BlueCube Media Player
• Wiring Harness (AQ-UNH-2)
• Four (4) Stainless Steel Mounting Screws
• Owner's Manual

1.2 Connections

1. 12-pin Watertight Harness
The 12-pin harness supplies power and ground connections to the BlueCube Media Player and four (4) speaker channel output connections from the BlueCube Media Player.

⚠️ *Do not cut or modify the 12-pin harness on the unit side or warranty will be void.*

2. Auxiliary Outputs
Allows external amplifiers to be connected to power additional speakers.

3. Auxiliary Inputs
Connect to a portable audio player through the AUX IN cable on the back of the Digital Media Box.

4. Wired Remote 8-pin DIN Cable
Connect to optional wired Remote Control (sold separately).

5. Wireless Remote RF Receiver 8-pin DIN Cable
Connect to optional wireless handheld Remote Control (sold separately).

1. 12-pin Watertight Harness
2. RCA Auxiliary Outputs (grey)
3. RCA Auxiliary Inputs (black)
4. Wired Remote 8-pin DIN Cable (black)
5. Wireless Remote 8-pin DIN Cable (white)
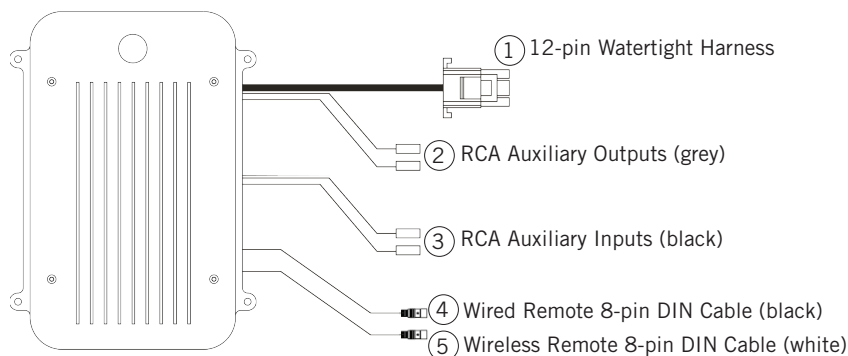
1.3 12-pin Harness Connection

The AQ-BC-5BT includes the universal harness AQ-UNH-2 in order to connect the BlueCube to power and speakers.
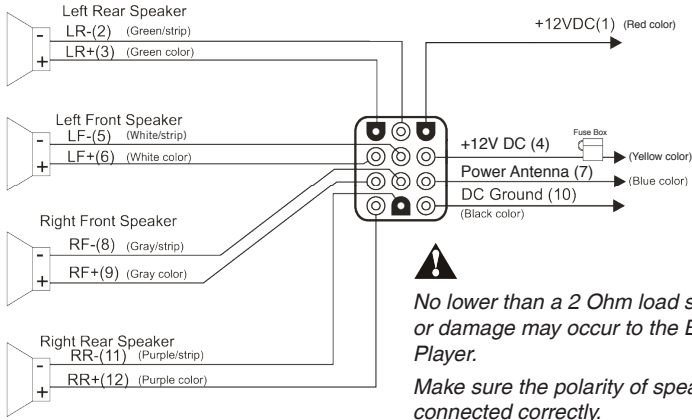
All open wire connections should be soldered and protected against water and dust for best long term performance.

Left Rear Speaker
LR-(2) (Green/strip)
LR+(3) (Green color)

+12VDC(1) (Red color)

Left Front Speaker
LF-(5) (White/strip)
LF+(6) (White color)

+12V DC (4) (Yellow color)

Fuse Box

Power Antenna (7) (Blue color)

DC Ground (10)
(Black color)

Right Front Speaker
RF-(8) (Gray/strip)
RF+(9) (Gray color)

⚠️

No lower than a 2 Ohm load should be used or damage may occur to the BlueCube Media Player.

Right Rear Speaker
RR-(11) (Purple/strip)
RR+(12) (Purple color)

Make sure the polarity of speakers are connected correctly.

1.4 Mounting the BlueCube Media Player

1. Make sure the outside surface is clean and clear of debris.

2. The BlueCube Media Player has four (4) front screws. Drive the screws using a screw driver. Make sure screws are snug and do not over tighten.

195mm

119mm
127mm

46mm 59mm
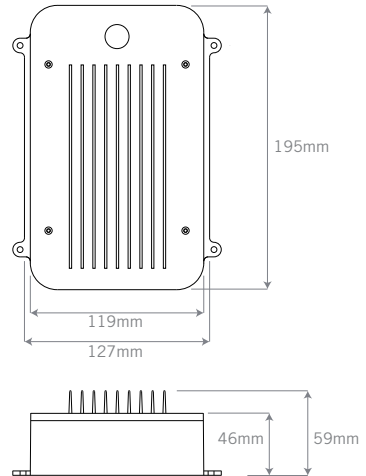
1.5 Power On

The AQ-BC-5BT requires +12V DC to both the red and yellow wires. When both of these wires have power the AQ-BC-5BT is always powered on and is indicated by a red LED coming out of the heatsink of the stereo. Ground is connected to the Black wire.

In a spa application this requires the red and yellow wires to be jumped together and then connected to the +12VDC output of the power source. In this set up the AQ-BC-5BT will always be on, with a very low current draw when idle.

In a boat, ATV or other application requiring power from a battery, the yellow wire (constant power) should be connected to the battery, and the red wire connected to the ignition or a switch.

For detailed instructions you can check out our online video:

'How to wire your Aquatic AV stereo system'

http://www.aquaticav.com/support/videos

1.6 Handheld Remote Control Battery Install (AQ-RFBC-5BT sold separately)

Unscrew the waterproof cap on the back of the remote control. Place the CR-2430 battery in the RF remote control and replace the water/dust proof cap.

When the battery is installed, the remote control LCD should be solid and bright without any flickering.

1.7 Handheld Remote Control Synchronizing (AQ-RFBC-5BT sold separately)

The remote should already be paired from the factory, but if you need to re synchronize the remote follow the steps below.

1. Press the ⓟ POWER button on the remote control to turn on the remote.

2. The LCD will become illuminated and read 'NO LINK'.

3. Press and hold the ⓜ MODE button for 5 – 10 seconds.

4. Once the remote has been paired, the LCD will display one of the audio modes (BT AUDIO or AUX).

For any additional remote controls, you will also need to activate/synchronize those remote controls by following the steps above.

ℹ️ *If the pairing process is not effective, check the battery voltage of the remote. If above 3V DC refer to section 1.5 above top make sure the battery is installed correctly. If battery voltage is below 3V DC replace the battery.*

ℹ️ *If the LCD displays "NO LINK" in any mode, this means the remote is out of reception range or not paired correctly. Move the remote closer to the unit and try again.*

ℹ️ *If you lose your remote control and buy a new remote control, please follow the above to pair remote control.*

Location of Controls

2.1 Wireless Handheld Remote Control AQ-RFBC-5BT (sold separately)
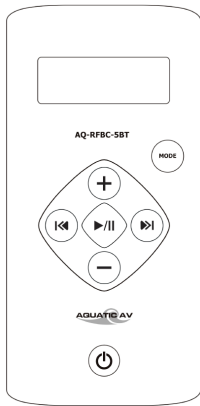
Buttons		AUX IN Mode	Bluetooth Mode
Power	⏻	Press once: Toggle from Operation mode to Standby mode or vice-versa.	
Mode	MODE	Press once: Change the source. Press and hold: Pair	Press once: Change the source. Press and hold: Pair
Volume Up	+	Press once: Volume up Press and hold: Fast volume up	Press once: Volume up Press and hold: Fast volume up
Volume Down	−	Press once: Volume down Press and hold: Fast volume down	Press once: Volume down Press and hold: Fast volume down
Fast Rewind	⏮	Press once: no function Press and hold: no function	Press once: Previous track Press and hold: Previous track
Fast Forward	⏭	Press once: no function Press and hold: no function	Press once: Next track Press and hold: Next track
Play/pause	⏯	Press once: Toggle Mute Press and hold: Toggle Mute	Press once: Play/Pause Press and hold: Play/Pause

2.2 Wired Remote Control AQ-WRBC-5BTF (sold separately)
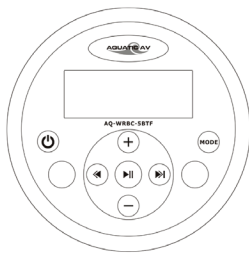
Buttons		AUX IN Mode	Bluetooth Mode
Power	⏻	Press once: Toggle from Operation mode to Standby mode or vice-versa.	
Mode	MODE	Press once: Change the source.	Press once: Change the source.
Volume Up	+	Press once: Volume up Press and hold: Fast volume up	Press once: Volume up Press and hold: Fast volume up
Volume Down	−	Press once: Volume down Press and hold: Fast volume down	Press once: Volume down Press and hold: Fast volume down
Fast Rewind	⏮	Press once: no function Press and hold: no function	Press once: Previous track Press and hold: Previous track
Fast Forward	⏭	Press once: no function Press and hold: no function	Press once: Next track Press and hold: Next track
Play/pause	⏯	Press once: Toggle Mute Press and hold: Toggle Mute	Press once: Play/Pause Press and hold: Play/Pause

Listening to Devices

3.1 Listening via Bluetooth

3.1.1 Pair with Bluetooth Device

1. Switch on your Bluetooth device.
2. Select 'AQUATIC AV' from the list of available devices to pair (no password is needed).

i *Only one Bluetooth device can be paired with the BlueCube Media Player at any time.*

3.1.2 Listening via Bluetooth Device

1. Bluetooth mode will be activated once a Bluetooth device is paired.
2. Play the song from device and the sound will play through the BlueCube Media Player.
3. Press (▶II) (PLAY/PAUSE) to play/pause the song.
4. Press (◄◄) / (►►) (FAST REWIND/FORWARD) buttons to play previous/next song file.
5. Track and volume can be controlled directly from your Bluetooth device or remote control.

3.2 Listening via Auxiliary Input

1. Connect your MP3 device to the RCA inputs.
2. Press (MODE) (MODE) on the remote control to select 'AUX IN' mode.

i *Only one Auxiliary input (RCA) can be used at any one time.*

3.3 Adjust Volume Level

1. Press (+) (VOLUME UP) once to increase the volume.
2. Press (−) (VOLUME DOWN) once to reduce the volume.
3. Press and hold either (+) or (−) and the BlueCube Media Player will increase or decrease audio volume continuously.

4.1 Specifications

Media

Supported media.....................................Bluetooth/MP3
Device control.......................................via Bluetooth/MP3 device
RF Handheld Remote Control or Wired Remote Control (sold separately)

Inputs

Auxiliary.. 1x stereo pair RCA input

Outputs

Pre-Out...1x stereo pair RCA (4V)

Power

Output voltage @ 2 Ohm.........................4x 72W
Output voltage @ 4 Ohm.........................4x 45W
Operation voltage...................................9.6V - 14.4V DC
Max current draw...................................7A
Standby current draw..............................6mA

Multi-Environment Certifications

Waterproof / Dustproof...........................Yes IP64
Conformal PCB coating...........................Yes
UV protection..500 hours stable, ASTM D4329 compliant
Salt/Fog protection................................500 hours stable, ASTM B117 compliant
Stainless Steel mountings.......................Yes

4.2 Dimensions
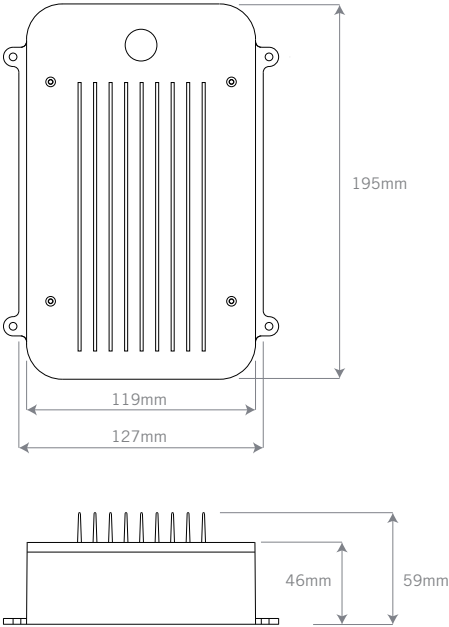
Aquatic AV offers a limited warranty of our products on the following terms:

Length of warranty
2 years on audio systems, electronics, speakers, and accessories (receipt required).

Coverage
This warranty covers only the original purchaser of a Aquatic AV product purchased from an authorized Aquatic AV dealer in the United States. In order to receive service, the purchaser must provide Aquatic AV with a copy of the receipt stating the customer name, dealer name, product purchased and date of purchase.

Defective products
Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Aquatic AV's discretion.

What is not covered
Damage caused by accident, abuse, improper operations, theft. Any cost or expense related to the removal or reinstallation of product. Service performed by anyone other than an authorized Aquatic AV service center. Any product with the serial number or tamper labels defaced, altered, or removed. Subsequent damage to other components. Any product not purchased from an authorized Aquatic AV dealer.

Limit on implied warranties
Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, so this limitation may not apply. No person is authorized to assume for Aquatic AV any other liability in connection with the sale of the product.

How to obtain service
You must obtain a return material authorization number (RMA) to return any product to Aquatic AV. You are responsible for shipping charges of returned products to Aquatic AV.

Please record the model and serial number[s] of your equipment in the space provided below as your permanent record and will assist us with your factory warranty coverage. These numbers can be found on the rear of the BlueCube Media Player.

Model number[s]:	Serial number[s]:

FCC ID:
MADE IN CHINA

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.

NOTE:
The 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.
• Consult the dealer or an experienced radio/TV technician for help.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

CE

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