AQUATIC AV®

products with a watertight reputation

AQ-DM-5BT - DIGITAL MEDIA LOCKER™

for Bluetooth & MP3 devices

OWNERS MANUAL

Bluetooth® **mp3**

PLEASE READ THIS INSTRUCTION MANUAL BEFORE INSTALLATION AND OPERATION

Table of Contents

1.1 Contents

- AQ-DM-5BT Digital Media Locker™
- 2-Way RF Waterproof Remote Control, AQ-RFDM-5BT (optional)
- RF Remote Control Receiver (optional)
- Jack Cable (3.5mm Male to 3.5mm Male)
- Wiring Harness (AQ-UNH-2)
- Six (6) Stainless Steel Mounting Screws
- One (1) CR-2430 Remote Control Battery (optional)
- Mounting Template
- Owner's Manual

1.2 Connections

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

⚠️ *Do not cut or modify the 12-pin harness on the Locker side or warranty will be void.*
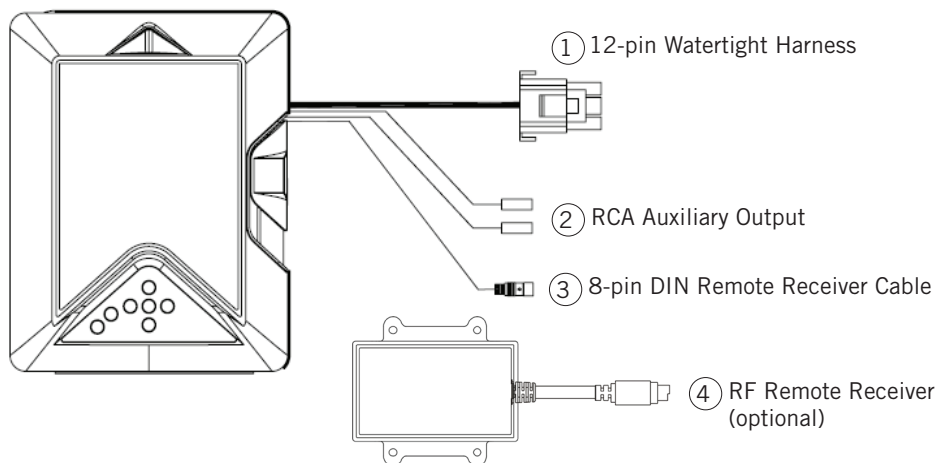
2. Auxiliary Outputs
Allows external amplifiers to be connected to power additional speakers.

3. 8-pin DIN Remote Receiver Cable
Connects to the RF Remote Control Receiver (optional).
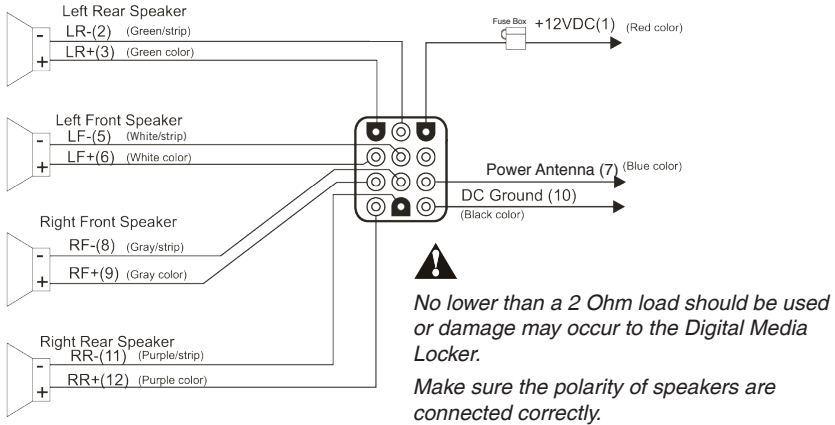
4. RF Remote Control Receiver (optional)
Allows RF Remote Control signal to be received.

1. 12-pin Watertight Harness
2. RCA Auxiliary Output
3. 8-pin DIN Remote Receiver Cable
4. RF Remote Receiver (optional)
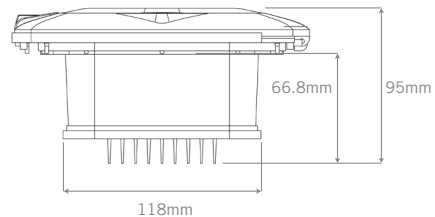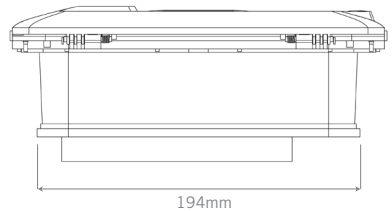
1.3 12-pin Harness Connection

The AQ-DM-5BT includes the universal harness AQ-UNH-2 in order to connect the dock 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)

Fuse Box   +12VDC(1)   (Red color)

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

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 Digital Media Locker.

Make sure the polarity of speakers are connected correctly.

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

1.4 Mounting the Digital Media Locker

1. A mounting template is included. Aquatic AV recommends using the 'measure twice, cut once' method!

2. Once the mounting hole is complete, make sure the outside surface is clean and clear of debris. The Digital Media Locker has an external water/dust proof gasket, but this requires a clean and flat surface for best performance.

3. The Digital Media Locker has six (6) front screws. Drive the screws using a screw driver. During final mounting apply equal pressure to all points for the best water/dust outer seal performance. Make sure screws are snug and do not over tighten.

4. Review all outside surfaces of the Digital Media Locker to ensure proper water/dust seal. This is important for long term environmental protection performance for your digital media device.

194mm

66.8mm   95mm

118mm

1.5 Power On

Press the (⏻) on/off button inside the dock.

Red Light: Power to the docking station is ON, but the unit is in standby mode.
Blue Light: The unit is powered ON and looking for an audio source.

For applications that require low current draw and where battery drain may occur, the power button must be turned OFF inside the unit. When the power button is in the OFF position the red LED will not be lit.

For applications where a 12V battery is not used, such as in a Spa, the power button can be left ON and the remote control or door controls can then be used to power on/off accordingly.

1.6 Remote Control Battery Install for AQ-RFDM-5BT (optional)

Remove the RF wireless remote control from the Digital Media Locker box. 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.

1.7 Remote Control Synchronizing for AQ-RFDM-5BT (optional)

1. Connect the RF Remote Receiever and 8-pin DIN Remote Receiver Cable together.

2. Turn the Digital Media Locker to OFF mode with the power button inside the door. The LED should not be illuminated.

3. Press the red (⏻) (POWER) button on the remote.

4. Press and hold the (MODE) button until the LCD reads PAIR.

5. Continue to press and hold the (MODE) button during step 5 below.

6. Turn the docking station to standby mode (within 10 seconds) with the on/off button inside door (the red LED will illuminate and then turn blue).

7. The remote's LCD should read WELCOME and then display mode position BT AUDIO or AUX IN.
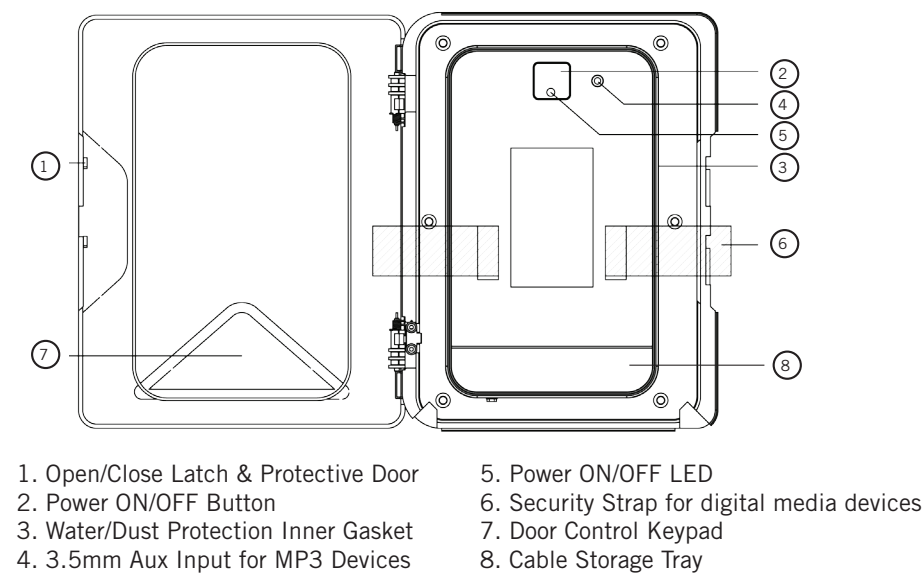
For any additional remote controls, you will also need to activate/synchronize those remote controls by following the steps above.

ℹ️ *If the pairing process is not effective, switch the locker off using the on/off button located inside the door of the dock. Unplug the 12-pin Harness on the back of the Locker for 3 minutes. Reattach the Harness and repeat steps 1-6 above.*
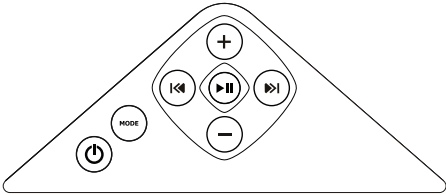
ℹ️ *If the pairing process is not effective, check the battery voltage. If above 3V DC refer to section 1.5 above top make sure the battery is installed correctly. If battery voltage is below 3V DC replace the battery.*

ℹ️ *If you lose your remote control and purchase another new remote control, please follow the above to start pairing before normal usage.*

2.1 Digital Media Locker Controls

1. Open/Close Latch & Protective Door
2. Power ON/OFF Button
3. Water/Dust Protection Inner Gasket
4. 3.5mm Aux Input for MP3 Devices
5. Power ON/OFF LED
6. Security Strap for digital media devices
7. Door Control Keypad
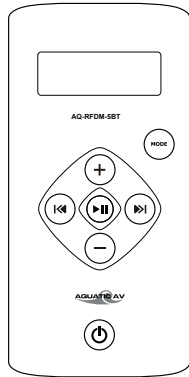8. Cable Storage Tray

2.2 Door Keypad Controls

Buttons		MP3 Mode (Aux In)	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: No function	Press once: Change the source. Press and hold: No function
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

2.3 Remote Control

Buttons		MP3 Mode (Aux In)	Bluetooth Mode
Power	⏻	Press Once: Turns remote control on. Press Twice: 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
Play / Pause	▶❚❚	Press once: Toggle Mute Press and hold: Toggle Mute	Press once: Play/Pause Press and hold: Play/Pause
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

ℹ️ *If your music player is connected via the Auxiliary input you will not be able to control track or receive track information.*

ℹ️ *In order to prolong remote battery life the LCD will shut off in 20 seconds if no other button is pressed. To turn remote back on press any key once and then press the command desired.*

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 Digital Media Locker at any time.*

3.1.2 Listening via Bluetooth Device

1. Bluetooth mode will be activated once a Bluetooth device is linked.
2. Play the song from device and the sound will play through the Digital Media Locker.
3. Press ⊕ (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, remote control or door controls.

3.2 Listening via Auxiliary Input

1. Power up the Digital Media Locker.
2. Connect your MP3 device to the 3.5mm Jack input.
3. Secure the device with the anchor straps provided.
4. Secure the Digital Media Locker's protective door.
5. Press ⊕ (MODE) on the remote control to select 'AUX IN' mode.

⚠ *Always ensure to connect and disconnect your media player with dry hands!*

Specifications & Dimensions

4.1 Specifications

Media

Supported media....................................Bluetooth/MP3
Supported media max. dimensions...........107 x 184mm (WxH)
Device control.......................................via Door Controls & optional RF Remote Control

Inputs

Auxiliary.. 1x 3.5mm Stereo Jack Socket

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 IP65 (Remote Control rated IP66)
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

228mm

180mm

194mm

66.8mm

95mm

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 Digital Media Locker.

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.

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