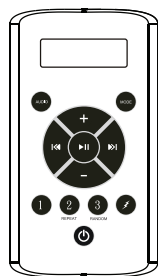
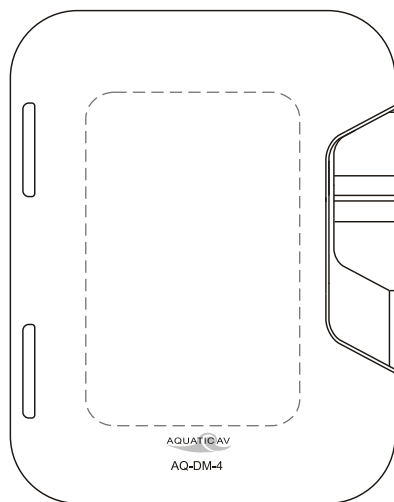




products with a watertight reputation

# WATER/DUST PROOF DIGITAL MEDIA LOCKER™ AQ-DM-4

## OWNERS MANUAL



AQ-DM-4B

WATER/DUST PROOF IPOD/MP3 DIGITAL MEDIA LOCKER<sup>1</sup>  
WITH FLOATING RF LCD 2-WAY WIRELESS REMOTE CONTROL



PLEASE READ THIS INSTRUCTION MANUAL BEFORE  
INSTALLATION AND OPERATION

## CONTENTS

- AQ-DM-4 Digital Media Locker™
- 2-way RF wireless remote control
- 2.35m audio cable (3.5mm plug to 3.5mm plug)
- One (1) CR2430 battery
- AQ-DM-4 mounting template
- Six (6) Stainless Steel mounting screws
- Owners manual

## INSTALLATION

### 1. 12-pin Watertight Harness

This harness supplies power and ground connections to the Digital Media Locker™ and four (4) speaker channel output connections from the Digital Media Locker™. The AQ-UNH-2 (supplied separately) or a custom manufacture harness will be required.



**Do not cut or modify the 12-pin harness or warranty will be void**

### 2. FM Radio Antenna Jack

Connect antenna to female antenna receptacle. For best FM performance make sure the FM Antenna is extended to the highest achievable position.

### 3. Auxiliary Input

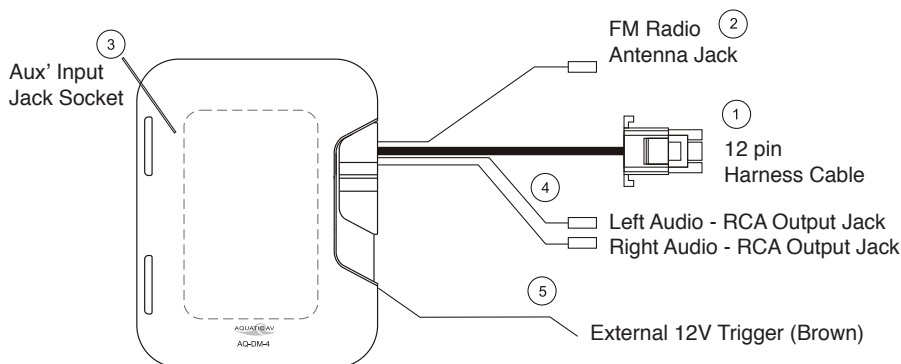
The AQ-DM-4 has a 3.5mm stereo jack socket for connecting other audio devices.

### 4. Auxiliary Outputs

Allows external amplifier to be connected to power additional speakers.

### 5. 12V DC External Trigger

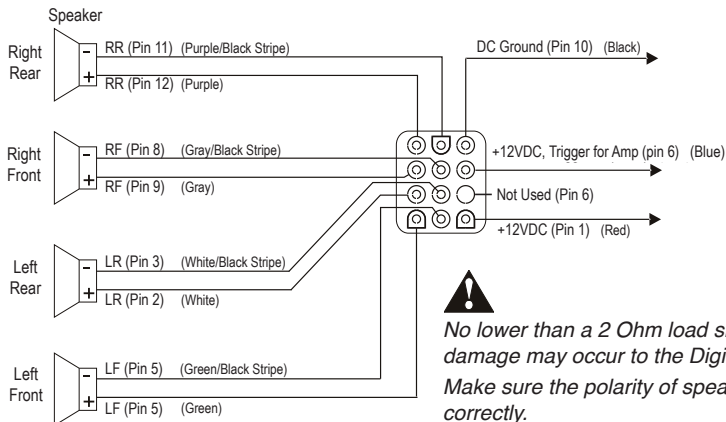
Allows for an external light or relay to be triggered (350mA max load).



## 12-PIN HARNESS

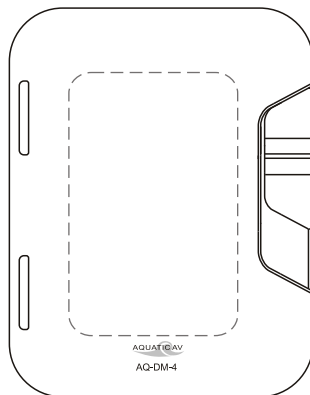
The AQ-DM-4 will require a universal harness (AQ-UNH-2) in order to connect the dock to power and speakers.

All open wire connections should be soldered and protected against water and dust for best long term performance.



## MOUNTING THE UNIT

1. Mounting templates are 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 surface for best performance.
3. The Digital Media Locker™ has six(6) front screws. Drive the 6 screws using a screw driver. During final mounting, apply equal pressure to all points for the best water/dust outer seal performance.
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 iPod or MP3 devices.



# GETTING STARTED

## REMOTE BATTERY INSTALL

Remove the RF Wireless Remote control from the Digital Media Locker. 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.



## POWER ON

Press the on/off button. ON will be indicated by a red LED.

For applications that require zero current draw, and where battery drain may occur, the power button must be turned OFF. 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 can then be used to power on/off accordingly.

## REMOTE SYNCHRONIZING

1. Turn the docking station OFF with the on/off button inside the door (the red LED should not be illuminated when power is OFF).
2. Press the red  (POWER) button on the remote.
3. Press and hold the  (MODE) button until the LCD reads PAIR.
4. Continue to press the MODE button during step 5 below.
5. Turn the docking station ON (within 10 seconds) with the on/off button inside door (the red LED will illuminate when power is ON).
6. The remote's LCD should read WELCOME or show a mode position such as RADIO, IPOD, or AUX IN.

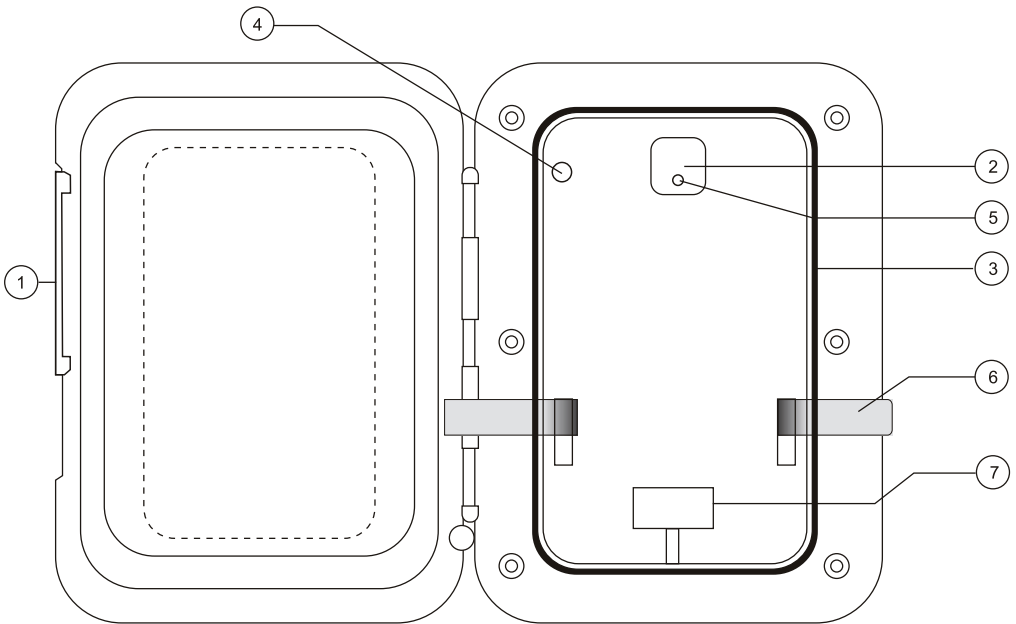
For any additional remote controls, you will also need to activate/synchronize those remote controls by following the steps above.

**i** *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.*

**i** *If the LCD displays "NO LINK" in either mode, this means the remote is out of reception range. Move the remote closer to the Locker and try again.*

**i** *If you loose your remote control and buy another new remote control, please follow the above to start pairing before normal usage.*

## WATER/DUST PROOF DIGITAL MEDIA LOCKER™

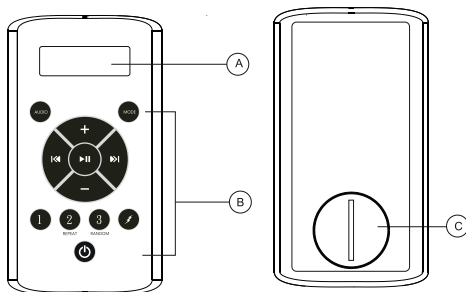


### Item Description

1. Digital Media Locker Knob and Protective Door
2. ON/OFF Button
3. Water/Dust Protection Inner Gasket
4. 3.5mm AUX Input Jack for MP3 Devices
5. ON/OFF Power LED
6. Security Strap for Digital Media Devices (MP3/iPod)
7. iPod 30-pin Connector

# LOCATION OF CONTROLS

## RF LCD WIRELESS REMOTE CONTROL



### Item Description

- A. Remote Control LCD
- B. Remote Control Buttons
- C. Battery Door



Buttons		Music Mode	FM Radio Mode
Power		Press twice: Change from off to Operation mode "Welcome" will be displayed	
12V trigger		Press once: Toggle external power Press and hold: No change	Press once: Toggle external power Press and hold: No change
Volume up		Press once: Volume UP a value Press and hold: Fast volume up	Press once: Volume UP a value Press and hold: Fast volume up
Volume down		Press once: Volume DOWN a value Press and hold: Fast volume down	Press once: Volume DOWN a value Press and hold: Fast volume down
Mode		Press once: Change the source. Press and hold: No change	Press once: Change the source. Press and hold: No change
Audio		Press once: Enter BAS-TRE-BAL-FAD-DX-MONO-STEREO Press and hold: Switch USA to EUR tuning	Press once: Enter BAS-TRE-BAL-FAD-DX-MONO-STEREO Press and hold: Switch USA to EUR tuning
1		Press once: No change Press and hold: No change	Press once: Listen to the station which in the No. 1 Press and hold: stored a station into No. 1.
2		Press once: repeat function. Press and hold: no function	Press once: Listen to the station which in the No. 2 Press and hold: stored a station into No. 2.
3		Press once: random function. Press and hold: no function	Press once: Listen to the station which in the No. 3 Press and hold: stored a station into No. 3.
Fast Rewind		Press once: Last track Press and hold: Fast Rewind	Press once: seek down Press and hold: Scan backward for one step.
Pause/ Play		Press once: Play /Pause Press and hold: no function	Press once: no function Press and hold: no function
Fast Forward		Press once: Next track Press and hold: Fast Forward	Press once: seek up. Press and hold: Scan forward for one step.




**i** If your music player is not an iPod, you will only be able to use the volume and power controls on the remote control.


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


# LISTENING TO PLAYERS

## LISTENING TO IPOD

1. Power up the Digital Media Locker™.
2. Attach your iPod device to the iPod 30-pin connector.
3. Secure the iPod device with the anchor straps provided.
4. Secure The Digital Media Locker™ protective door.
5. Press and hold  (POWER) on the remote control to turn it ON.
6. Press  (MODE) (MODE) on the remote control to select iPod mode. Use the buttons below for the features.



Button	Press once	Press and Hold
	Last Track	Fast Rewind
	Toggle Play and Pause	
	Next Track	Fast Forward

 If you are listening to iPod and you change your mode to Radio or Standby mode, the iPod will automatically pause playing and the charging screen will appear.



 The remote control will only allow navigation of songs within the selected playlist. To navigate to another playlist use the iPod directly.

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

## LISTENING TO MP3


1. Power up the Digital Media Locker™.
2. Attach your MP3 device to the 3.5mm connector.
3. Secure the MP3 device with the anchor straps provided.
4. Secure The Digital Media Locker™ protective door.
5. Press and hold  (POWER) on the remote control to turn it ON.
6. Press  (MODE) (MODE) on the remote control to select AUX mode. RF wireless remote control of Volume only.

## ADJUSTING VOLUME LEVEL

1. Press  (VOLUME UP) once to increase the volume by 3 decibels.
2. Press  (VOLUME DOWN) once to reduce the volume by 3 decibels.
3. Press and hold either VOLUME UP or VOLUME DOWN and the Digital Media Locker™ will increase or decrease the volume continuously.

# LISTENING TO FM RADIO





## ENTER FM RADIO MODE

1. Press  (MODE) on remote control to switch to FM radio model.







**i** If this is the first time you listen to FM radio, the default frequency will be 87.5MHz, as shown on the remote LCD.

**i** FM radio is only available when you are in the FM Radio Mode.




## TO SCAN OR NAVIGATE CHANNELS

1. Press  (FAST REWIND) or  (FAST FORWARD) to seek another station.
2. Press and hold either  (FAST REWIND) or  (FAST FORWARD) for manual tuning back or forward.



## SAVING RADIO CHANNEL TO MEMORY

1. If you want to save the current frequency into memory, press and hold  (1) or  (2) or  (3) for more than 2 seconds. The station will be stored the to relevant button  (1) or  (2) or  (3).

## LISTENING TO SAVED RADIO MEMORY

1. Press  (1) or  (2) or  (3) button once to listen to the station stored in button.

## SWITCH BETWEEN US & EURO FM MODES


1. Make sure dock and remote are turned on and in 'RADIO' mode.
2. Hold down the  (AUDIO) button for 3-5 seconds.
3. The remote will display 'AREA USA' or 'AREA EUR' depending on which tuning mode is currently selected.
4. Use the +/- arrows to switch between US or European modes.
5. Press  (PLAY/PAUSE) to select the desired tuning mode.
6. Once you switch modes it will default to the FM station stored in 'PRESET 1'.

**i** US mode will increase and decrease the FM frequency in steps of 0.1 MHz, e.g. 88.5, 88.6, 88.7 MHz. EUR mode will increase and decrease the FM frequency in steps of 0.05 MHz, e.g. 88.25, 88.30, 88.35 MHz.



## EXTERNAL TRIGGER

Aquatic AV understands the need for more flexible remote applications. With the Digital Media Locker™ Aquatic AV has provided an independent 12V “accessory” trigger, activated from the RF wireless remote that allows the user to activate non-iPod, MP3 related devices. This could include and 12V based device like 12V lights or surveillance camera.

1. In any operational mode, press the  (12V TRIGGER) key to activate. Press again to deactivate.
2. We strongly recommend you speak to our technical service staff or your dealer if you are considering using this feature.



***Load on External Trigger should not exceed 350mA***

## IPOD CHARGING

When specified iPod devices are connected to the Digital Media Locker™ 30-pin connector the iPod battery will charge.



To avoid rusting as a result of electrical potential in the connector, the battery of your iPod devices must not be totally drained. If your iPod is not charged at all then the Digital Media Locker will not charge it.

## REMOTE CONTROL LCD AUTO OFF

To maximize battery life of the RF wireless remote control, the LCD of the remote control will be OFF if no key is pressed in 20 seconds. To re-activate the LCD display, press any key once to bring the remote control to normal operation.

## TECHNICAL SPECIFICATION

### General

Power Supply:	10.7V - 15.6V DC, 5A min
Current drain when OFF:	0A
Remote Control Frequency:	2.4GHz
Remote Control Battery:	3V (1 x CR2430 battery)
External Trigger:	12V DC, 350mA max
IP Rating (Digital Media Locker™):	IP65
UV Protection:	500 hours stable without degradation

### FM Radio

FM Radio Sensitivity:	8uV
FM Antenna:	Dipole Antenna (not included)
FM Radio Reception:	Stereo
Number of Radio Presets:	3

### Amplifier

Distortion:	<0.1% THD at 1kHz
Frequency Response:	20Hz - 20kHz
Amplifier Output:	45W per channel at 4 Ohm load 72W per channel at 2 Ohm load

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 and correct the interference by one or more of the following measures:

- Reorientate or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

Product design and specification subject to change without notice. E&OE.

Digital Media Locker™ is a Trademark of Aquatic AV.

iPod is a Trademark of Apple Inc, registered in the US and other countries.

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