

AQUATIC AV®

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AQ-MP-5UBT-HS - WATERPROOF MEDIA PLAYER

for SiriusXM, iPhone, iPod, USB, Bluetooth & MP3 devices

USER / INSTALLATION MANUAL



Replaces Factory Radio on Harley-Davidson® Motorcycles
(Models 1998-2013)



PLEASE READ THIS INSTRUCTION MANUAL BEFORE
INSTALLATION AND OPERATION



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1.1 Contents

- AQ-MP-5UBT-HS Digital Media Player
- Dummy Faceplate/Dust Cover
- AQ-USB-1 USB Input Socket
- Four-pin Speaker Wiring Harness
- User / Installation Manual

1.2 Connections (see also '1.3 Wiring Diagram')

1. 23-pin Harley-Davidson® Standard Harness Connection

The 23-pin harness supplies power and ground connections to the Media Player and two speaker channel output connections from the Media Player.

2. FM/AM Radio Antenna Jack

Allows connection of FM/AM radio antenna. For best FM/AM performance make sure the antenna is extended to the highest achievable position.

3. Auxiliary Outputs

Allows external amplifiers to be connected to power additional speakers.

4. Auxiliary Inputs

Allows an additional RCA input, from a standalone unit or another stereo source.

5. Bluetooth Antenna

Allows a Bluetooth device to wirelessly connect to the unit.

6. Subwoofer Output

Allows powered (active) subwoofer to be connected via RCA connector.

7. 12V DC External Trigger (x2)

Allows for external lighting or relays to be triggered (350mA max load).

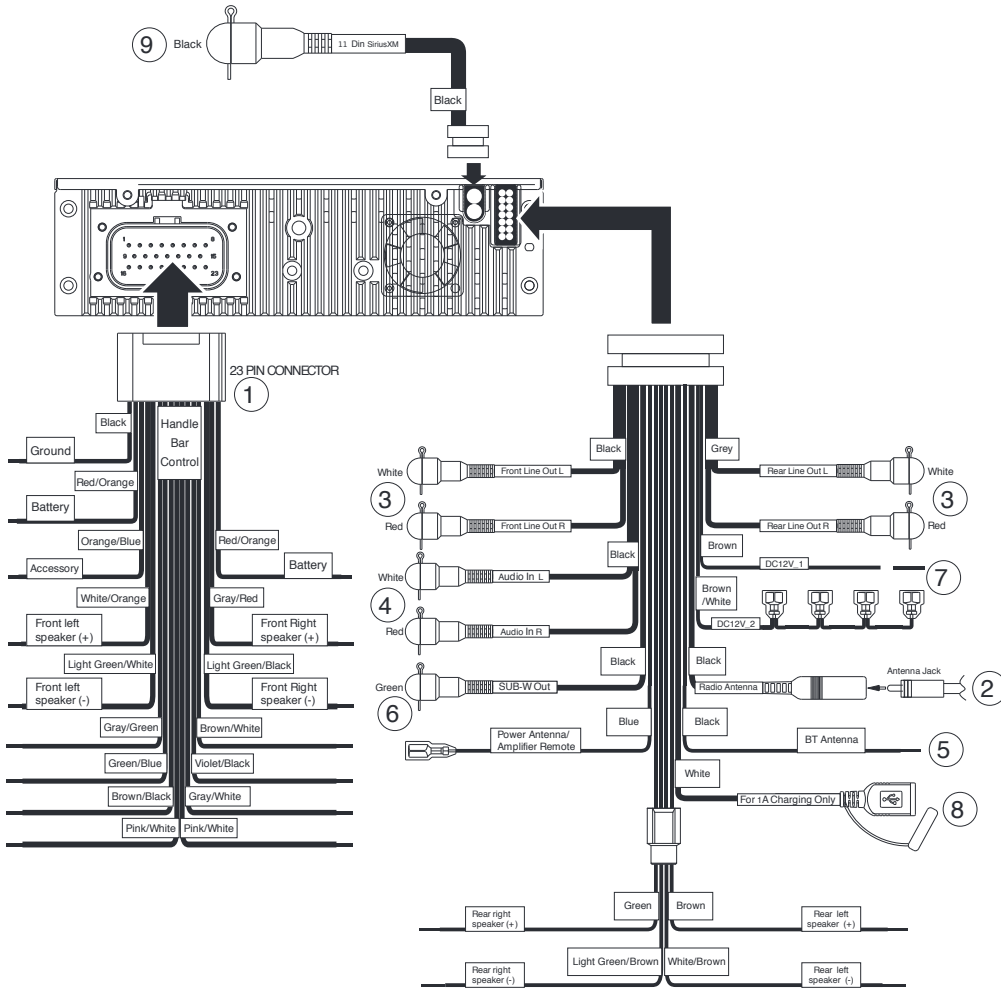
8. USB Charging Input

Charges USB devices when connected.

9. SiriusXM Satellite Radio Input

Allows the connection of the SiriusXM-Connect Vehicle Tuner (sold separately).

1.3 Wiring Diagram



⚠ No lower than a 2 Ohm load should be used or damage may occur to the Media Player. Make sure the polarity of speakers are connected correctly.

1.4. Mounting Precautions

Please observe the following precautions:

1. Install the unit where it does not interfere with driving.
2. Check clearances on both sides of a planned installation before drilling any holes or installing any screws.
3. When routing RCA cables, keep them away from power cables and speaker wires.

i A common source of noise in the audio system is the motorcycle ignition system. This is usually due to the radio being located close to the ignition system (engine). This type of noise is detectable by a varying pitch with the speed of the engine.

Ignition noise can be removed using a high voltage radio suppression type ignition wire and a suppressor resistor. Your motorcycle may already use this wire and resistor but it may be necessary to check them to ensure they are operating correctly. Alternatively, a noise suppressor could be installed.

1.5 Installing the Media Player if no stereo is already installed

Use the existing Harley-Davidson® factory side mounting brackets and hardware to mount the Media Player.

1. Position the Media Player in front of the fairing opening so the wiring can be passed through the opening.
2. Follow the wiring diagram and ensure all connections are secure and insulated with crimp connectors to ensure proper operation.
3. Turn the Media Player on to confirm operation (motorcycle ignition switch must be on) and once correct operation is achieved turn the motorcycle ignition switch off before proceeding with the final mounting of the chassis.
4. Ensure that the unit is supported and secured on the sides using the existing 4 factory screws; failure to do so may allow the unit to move during while riding, causing damage to the mounting area.

