

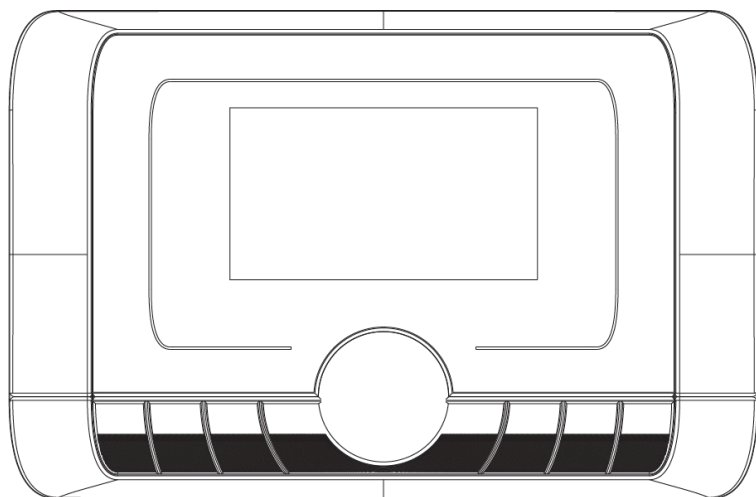
AQUATIC AV

USER MANUAL

CP7

MARINE HEAD UNIT STEREO

CP711



! PLEASE READ THIS INSTRUCTION MANUAL
BEFORE INSTALLATION AND OPERATION **!**

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1 Installation

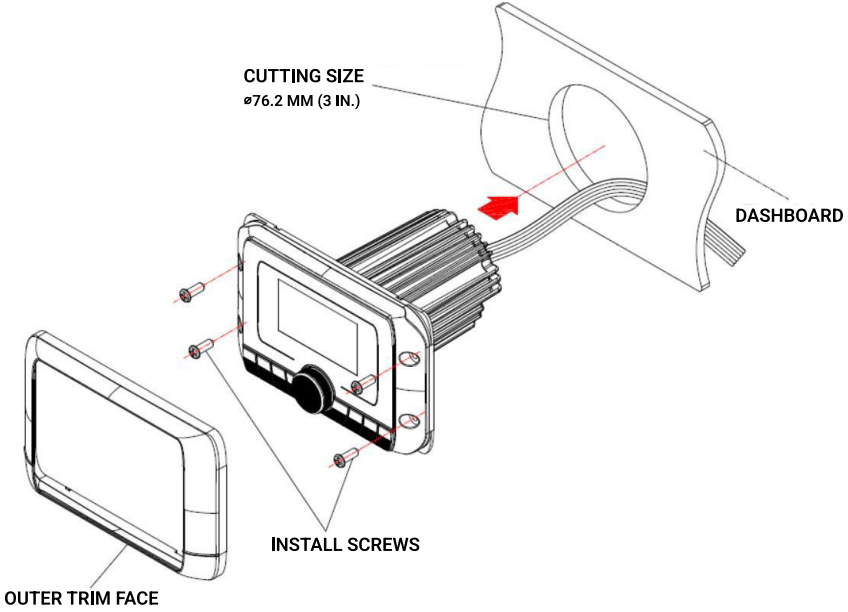
PLEASE READ THIS INSTRUCTION MANUAL BEFORE INSTALLATION AND OPERATION.

Aquatic AV recommends installation of this stereo by a professional technician.

- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

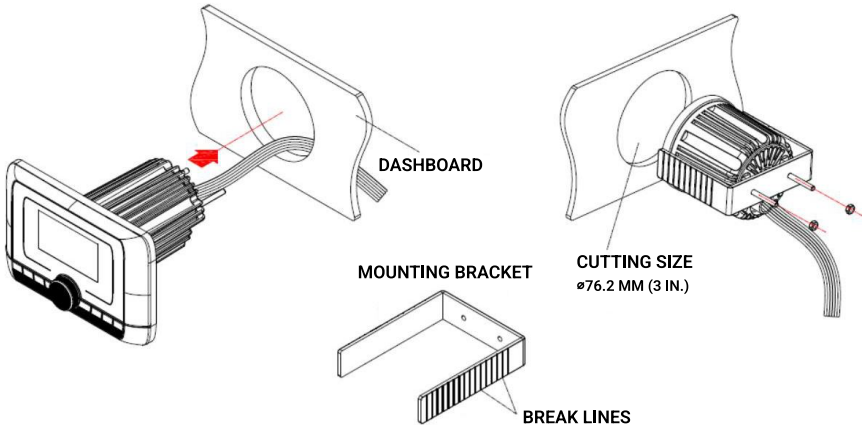
1.2 Installation Method 1

1. Once a suitable location has been determined, drill the hole and secure the stereo using the metal mounting bracket. If the bracket needs to be shortened, remove the appropriate number of breakaway segments using a pair of pliers.

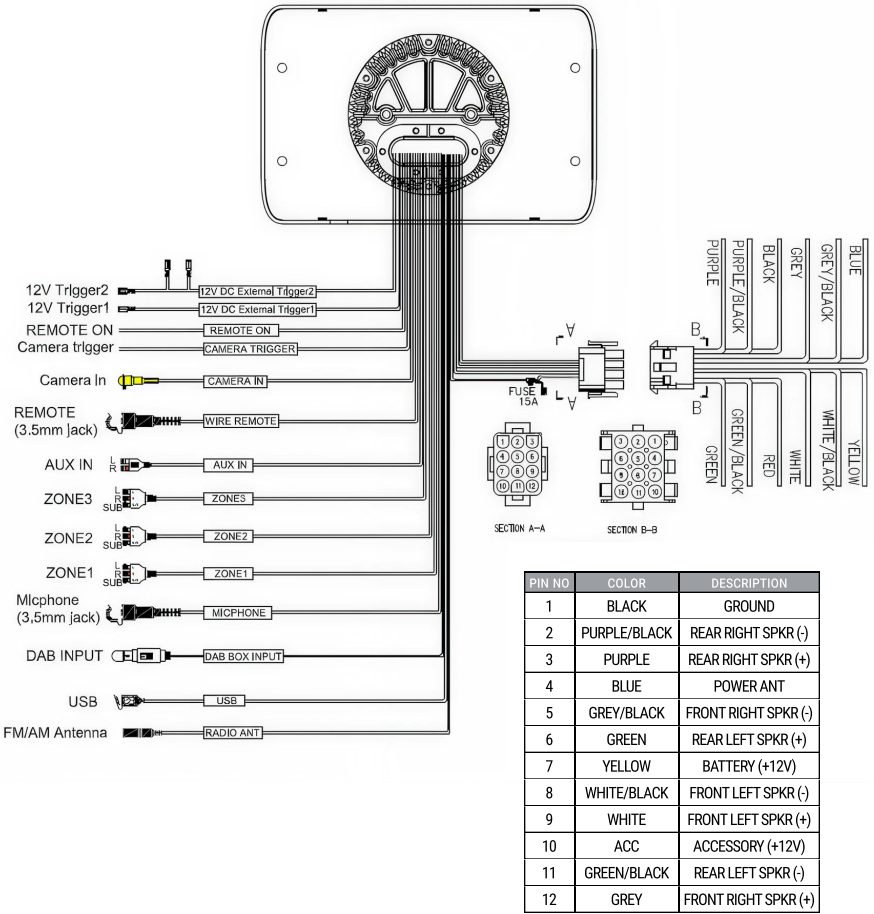


1.3 Installation Method 2

1. Remove the outer trim frame.
2. Put the unit into the installation hole on the dashboard and install 4 screws.
3. Replace the outer trim frame.



2.1 Connections Diagram



2.2 Optional Accessories

WR7: Wired Remote



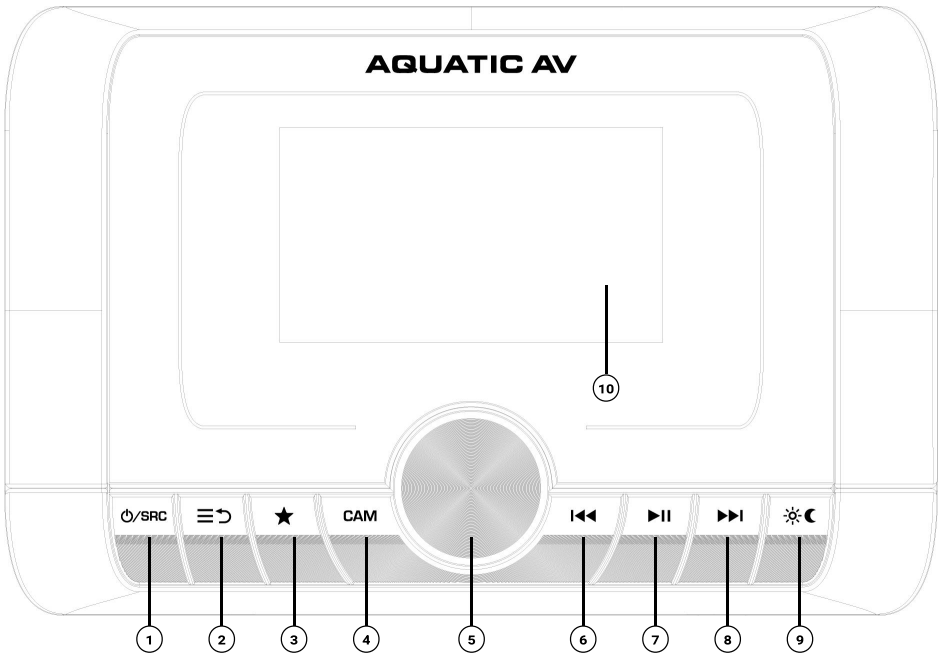
This waterproof remote, designed for Aquatic AV 7-series audio systems, lets you control your music right from the water. With easy installation, quickly connect the WR7 to the CP7 and you're ready to go.

DB200: DAB+ (7 Series)



DAB+ Digital Radio aerial connector. Includes DAB+ receiver and antenna.

3.1 Location Of Controls



1 Power/Source

2 Settings Menu/Back

3 Preset/DAB Menu/Playlists

4 Camera

5 Volume Control

6 Seek Down










7 Play/Pause/Answer Call

8 Seek Up








9 Day/Night Mode / Reject Call

10 TFT Display

3.2 Key Functions

BUTTON	ACTION	RADIO	DAB	USB	AUX	BT MUSIC	CALLS	AUX	
	Short Press	Source change (rotate VOL to select TUNER/DAB/BT/USB/AUX/CAM/SETTINGS)							
	Long Press	Power OFF							
	Short Press	Settings Menu / Back					---		
	Long Press	Exit menu					---		
	Short Press	Show Presets	DAB Menu	Repeat/shuffle	---	Repeat/shuffle	---	---	
	Long Press	Save station	No Function	Playlists	---				
	Short Press	Mute on/off	Mute on/off	Play/Pause	Mute on/off	Play/Pause	Answer	---	
	Long Press	Auto store	DAB scan	---					
	Short Press	Seek down	Previous	Previous file	---	Previous song	---	---	
	Long Press	Tune down	---	Fast rewind	---				
	Short Press	Seek up	Next	Next file	---	Next	---	---	
	Long Press	Tune up	---	Fast forward	---				
	Short Press	Camera					---		
	Long Press	---							
	Short Press	Day/night mode					Reject/end call	---	
	Long Press	No Function							
	Rotate	Volume Up/Down ; menu navigation					Volume +/-	---	
	Short Press	VOL ZONE1, VOL ZONE2, VOL ZONE3, Enter					---		
	Long Press	Zone volume or subwoofer volume					---		

3.2.1 External Remote Functions

BUTTON	ACTION	RADIO	DAB	USB	AUX	BT MUSIC	CALLS	AUX	
	Short Press	Source change (rotate VOL to select TUNER/DAB/BT/USB/AUX/CAM/SETTINGS)							
	Long Press	Power OFF							
	Short Press	Mute on/off	Mute on/off	Play/Pause	Mute on/off	Play/Pause	Answer	---	
	Long Press	Auto store	DAB scan	---					
	Short Press	Seek down	Previous	Previous file	---	Previous song	---	---	
	Long Press	Tune down	---	Fast rewind	---				
	Short Press	Seek up	Next	Next file	---	Next	---	---	
	Long Press	Tune up	---	Fast forward	---				
	Short Press	FM/AM/WB	---				Reject/end call	---	
	Long Press	---							
	Short Press	Volume up						---	
	Long Press	Rapid volume increase						---	
	Short Press	Volume down						---	
	Long Press	Rapid volume decrease						---	

4.1 Basic Operation

Turn Unit ON/OFF

Press **SRC** button to turn on the unit. Press and hold it for 2 seconds to turn off the unit.

Mute ON/OFF

In Radio or AUX mode, Press **▶||** button to mute the sound. Press again to resume sound.

4.2 Settings Menu

Press **MENU** button into the setting menu. Rotate VOL knob to setting below items:

ABOUT - SYSTEM - ZONE&AUDIO - BLUETOOTH - DISPLAY

In each item Rotate VOL+/- knob to set them. In the menu, press MENU button to return previous menu, press and hold MENU button to exit menu.

4.2.1 About

Users can view the software version, product information model and serial number. Users can contact AQUATIC AV if they encounter any problems during the use of the product.

4.2.2 System Settings

Select SYSTEM in the settings menu. Rotate VOL knob to setting below items:

CLOCK - RADIO - LANGUAGE - EXTERNAL - FACTORY RESTORE

CLOCK: To set the time and date, choose between 12-hour or 24-hour format, and turn CLOCK SYNC on or off. When CLOCK SYNC is on, the time updates automatically using RDS radio station info in radio mode.

RADIO: **Area:** USA or Europe

RDS: In USA, The AF no function (cannot be set to on). AF is enabled in EUROPE.

AF: Symbol "AF" appears on the display. Program name is displayed on receiving a RDS station. "AF" symbol starts blinking if the broadcasting signal getting worse. It will start to search the stronger station which in AF list and switch to the good station. If it doesn't find a stronger station in AF list. It will active the PI SEEK mode to search station which as same PI.

TA: If the TA function is activated, the audio system automatically receive travel announcement.

PTY: Rotate the VOL knob to scroll through PTY types. When the desired type appears, press the VOL knob to start the search.

Local: When Local is on, seek tuning only finds stations with a strong signal. When Local is off, it can find both strong and weak stations. The seek tuning sensitivity setting controls whether the tuner stops only at strong stations or also includes weaker, possibly noisy ones.

LANGUAGE: English, French, Spanish, Russian and Portuguese can be set

EXTERNAL: Trigger 1 and Trigger 2 can be turned on/off. When turned on, each outputs power = +12V at 3A

RESTORE: Restore all the data to the factory settings. All the memory will be lost.

4.2.3 Zone & Audio Settings

Select ZONE&AUDIO in the settings menu. Rotate VOL knob to setting below items:

ZONE1 - ZONE2 - GAIN LEVEL - BEEP

- ZONE:** Choose CUSTOM to set the desired names for ZONE1/ZONE2/ZONE3
- EQ:** Rotate VOL knob to select FLAT/POP/CLASSIC/ROCK/JAZZ/USER
EQ USER: Set the levels of the available frequency bands. Press VOL knob to select 64Hz/150Hz/250Hz/500Hz/1KHz/2KHz/4KHz/8KHz/10KHz/16KHz frequency bands, then rotate VOL knob their value.
- GAIN LEVEL:** When "Sync All Gain Levels" is off, it allows for individual dB level adjustments. When it is on, it should synchronize all gain levels together.
- BEEP:** Beep on/off

4.2.4 Bluetooth Settings

Enter Bluetooth settings menu, rotate VOL knob to select Bluetooth on/off, PAIRING and DEVICE NAME, then press VOL knob to select them. AUDIO in the settings menu. Rotate VOL knob to setting below items:

- BLUETOOTH:** When the Bluetooth is set to on, the Bluetooth function is available; when it is set to off, the Bluetooth function is disabled.
- PAIRING:** Display the paired devices. Connect, disconnect, or delete the paired devices.
- DEVICE NAME:** Modify device names.

4.2.5 Display Settings

Enter Display settings menu, rotate VOL knob BRIGHTNESS, DAY/NIGHT and COLOR, then press VOL knob to select them.

- BRIGHTNESS:** Adjust brightness from 0-10
- DAY/NIGHT:** Select day or night mode
- COLOR:** Set button backlit color (white, purple, cyan, yellow, red, blue, green, or auto). When Auto is selected, backlit color will cycle between all colors.

5.1 Camera Mode

Press SRC button then rotate VOL knob to select Camera source. Or Press **CAM** button once to enter Camera mode. Press it again to return to the previous source.

When the camera trigger wire gets 12V power, the display switches to the camera view, but the audio stays on the previous source.

5.2 AUX Mode

Connect a device to the AUX IN jack. Press SRC button, then rotate VOL knob to select AUX.

5.3 Radio Mode

Press SRC button then rotate VOL knob to select FM/AM/WB source.

TUNING: Press **◀◀/▶▶** to find a station. Press + hold **◀◀/▶▶** for manual tuning.

PRESETS: Press **★** to view preset stations. Rotate VOL knob to select a preset.

AUTO STORE: On FM/AM sources, press **▶||** for 2 seconds to auto store stations.

MANUAL STORE: On desired station, press **★** to enter presets. Rotate VOL knob to select a preset. Then press + hold **★** to save to chosen preset.

5.4 DAB Mode

Press SRC button then rotate VOL knob to select DAB source.

DAB SCAN: Press **▶||** for 2 seconds to automatically search the list of DAB stations.
Or press **★** to enter the DAB menu and select DAB SCAN.

DAB MENU: Press **★** to enter the DAB menu, then rotate VOL knob to select DAB scan/Station list/TA/Slide show, then press VOL knob to select them.

5.5 USB Mode

Press SRC button then rotate VOL knob to select USB source. When a USB drive is inserted, the unit will automatically play MP3, WMA, FLAC, or WAV files.

◀◀/▶▶ Press to skip to next/previous file. Hold to fast forward/fast reverse.

▶|| Play/Pause file.

★ Press for Playlists/Repeat/Shuffle menu. Rotate VOL knob to select.

5.6 Bluetooth Mode

Press SRC button then rotate VOL knob to select BT source.

PAIRING: On your device, search for Bluetooth devices and select 'CP7' from the list. If prompted, enter the password '0000'. Once paired, the BT icon will appear on the display.

CALLING: To answer an incoming call, press **▶||** To reject or end a call, press **☼☾**

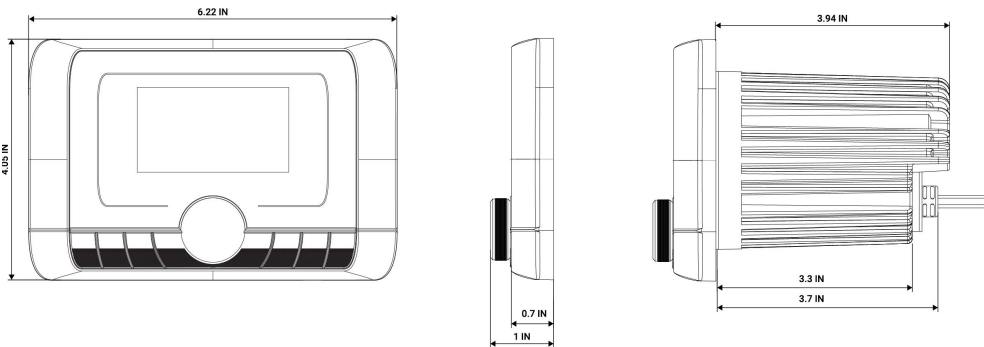
▶|| Play/Pause file.

◀◀/▶▶ Press to skip to next/previous song. Hold to fast forward/fast reverse.

6.1 Specifications

Power/Fuse:	10.5-16V DC, Negative Ground
Fuse:	15A
Operating Temperature:	-20 To 70°C
Max Output Power:	4x 40W
Current Draw:	7A (Max) / 6mA (Standby)
Line Out Level/Load:	4V/10k Ohm Load
Frequency Response:	20 Hz – 20,000 Hz
FM Stereo Frequency Range:	EUROPE AREA: 87.5-108 MHz (Step 50 KHz) USA AREA: 87.5-107.9 MHz (Step 200 KHz)
AM Stereo Frequency Range:	EUROPE AREA: 522-1620 KHz (Step 9 KHz) USA AREA: 530-1710 KHz (Step 10 KHz)
WB Stereo Frequency Range:	162.400-162.550 MHz (Step 25 KHz)
Preset Memory Stations:	FM: 18 / AM: 12 / WB: 7
USB Compatibility:	USB 2.0 (2A USB Charging)
Supported File Types:	MP3/WMA/FLAC/WAV
Bluetooth Version:	5.0 (A2DP Music Streaming)
DAB Box:	Band III, Tuner Span: 174.928 - 239.200 MHz

6.2 Dimensions



7 Troubleshooting

PROBLEM	PROBABLE CAUSE	SOLUTIONS
No Power	Vehicle ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
	The fuse is blown.	Replace the fuse.
No Sound	Volume is on minimum.	Adjust the volume to a desired level.
	Wiring is not properly connected.	Check wiring connections.
USB Device Is Not Recognized	The USB device is damaged or connectors are loose.	Disconnect and reconnect USB device. If problem persists, try replacing with a different USB device. (<i>note: USB does not work with Android devices.</i>)
Bluetooth Audio Is Interrupted By Short Breaks	The music device is not covered or obstructed the bluetooth module.	Ensure the BT device is located near the bluetooth module. To prevent interruption to audio streaming it is recommended that the discoverable feature is turned off after pairing your device to the unit.
Radio Or Radio Station Auto Selection Does Not Work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select station manually.

Product Registration

Purchases From Authorized Dealers:

Register your new Aquatic AV product to receive an additional 90 days of warranty, extending your standard 2-year coverage.


Purchases From Unauthorized Dealers:

Products are not eligible for registration.

Registration Requirements

To complete your registration, you'll need:

- Proof of purchase (e.g., a receipt) from the dealer
- Your contact information
- The date and location of purchase

 *To qualify for registration approval, products must be purchased from an authorized Aquatic AV dealer and registered within 90 days of the purchase date.*

You can submit a Product Registration form at the Aquatic AV Support Center or through the Aquatic AV App. The app is available on the App Store for iOS devices and on the Play Store for Androids.

Warranty

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

Length Of Warranty

All audio systems, electronics, speakers, and accessories purchased from an authorized dealer include a standard 2-year warranty (proof of purchase required). For details on extended warranty coverage, please refer to the product registration section.

Purchases made from **unauthorized dealers** are only eligible for a limited 90-day warranty (proof of purchase required).

Coverage

This warranty applies only to the original purchaser of this Aquatic AV product purchased within the United States. Coverage depends on the warranty status. 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.
- 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.

FCC ID:

MADE IN CHINA

FCC Statement to the User

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 of the following measures:

1. Reorient or relocate the receiving antenna.
2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
3. Increase the separation between the equipment and receiver.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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

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

AQUATIC AV

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**California Proposition
65 Warning**



WARNING: This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.

For more information: www.P65Warnings.ca.gov