

Aquatic AV GP1

Aquatic AV GP1 Gauge Size Waterproof Marine Stereo User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Aquatic AV GP1 Gauge Size Waterproof Marine Stereo. Please read this manual thoroughly before using the product to ensure proper function and longevity. The GP1 is designed for marine environments, offering robust performance and durability.

2. PRODUCT OVERVIEW

The Aquatic AV GP1 Marine Stereo is a compact, high-performance audio system designed to fit into a standard dash gauge space. It features a powerful amplifier and multiple input options suitable for various marine applications.

Key Features:

- **Bluetooth / MP3 / USB / AUX:** Supports streaming from various devices.
- **AM/FM Radio:** Includes 18 FM and 12 AM presets, compatible with US and European frequencies.
- **288 Watt Amplifier:** Powers up to 8 speakers or a combination of speakers and subwoofers (Class A/B, 2 Ohm stable).
- **Standard Gauge Size:** Designed for seamless integration into a standard dash gauge opening.
- **Monochrome Display:** Optically bonded, tempered glass screen for clear track information.
- **Variable Brightness:** Adjusts from 100% to 30% for optimal viewing in different lighting conditions.
- **Multi-Environment Protection:** IP65 waterproof rating, UV, salt, and fog resistant.

What's in the Box:

- 12-pin Wiring Harness (AQ-UNH-2)
- Mounting Bracket
- USB Cable
- Aquatic AV GP1 Marine Stereo Unit



Figure 1: Front view of the Aquatic AV GP1 Marine Stereo, showing the monochrome display, control buttons (Mute, Mode, Disp, Dim, Band), and the central rotary knob. The display shows 'AQUATIC AV USB MODE' and 'Bluetooth' and 'GP1' logos are visible.

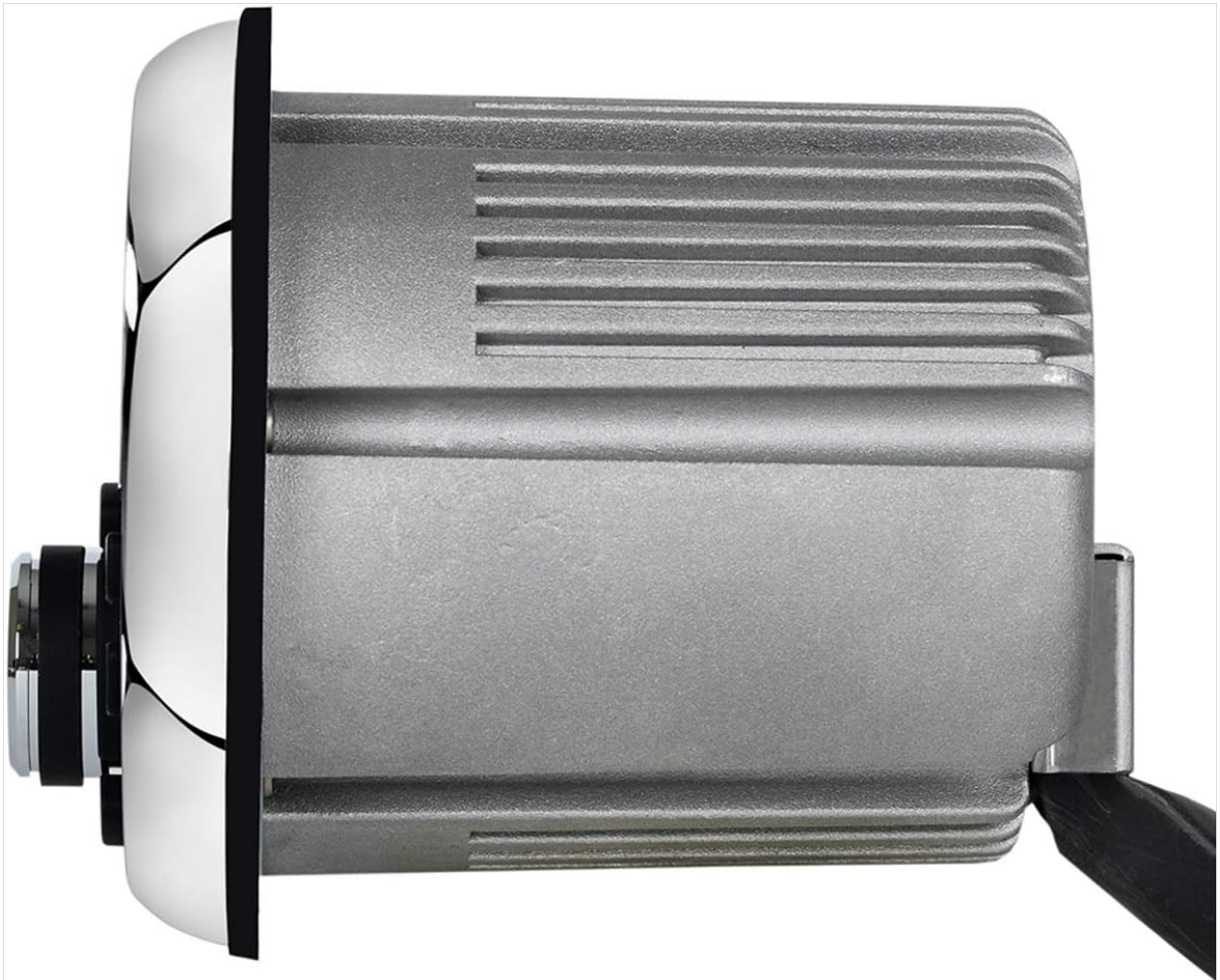


Figure 2: Side view of the Aquatic AV GP1 Marine Stereo, illustrating its compact depth and the heat sink fins on the casing for thermal management.

3. SAFETY INFORMATION

- Ensure all wiring is correctly connected to prevent damage to the unit or vehicle.
- Do not attempt to open or modify the unit. This will void the warranty and may cause damage.
- Always disconnect power before performing any installation or maintenance.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- While waterproof, ensure all connections are properly sealed to maintain water resistance.

4. INSTALLATION AND SETUP

Mounting:

1. Identify a suitable location in your dash that accommodates a standard gauge size opening.
2. Carefully cut or prepare the opening according to the provided template (if applicable, refer to packaging for template).
3. Insert the GP1 stereo into the opening.
4. Secure the unit using the supplied mounting bracket and hardware. Ensure it is firmly in place to withstand marine conditions.

Wiring Connections:

Use the included 12-pin wiring harness (AQ-UNH-2) for all electrical connections. Refer to the wiring diagram provided with the harness for specific connections. Key connections typically include:

- **Power (12V DC):** Connect to a fused 12V power source.
- **Ground:** Connect to a reliable ground point.
- **Accessory/Ignition:** Connect to a switched 12V source.
- **Speaker Outputs:** Connect to your marine speakers. Ensure correct polarity.
- **Antenna:** Connect your AM/FM antenna.
- **USB Input:** Connect the USB cable for media playback or charging.
- **AUX Input:** Connect external audio devices via a 3.5mm jack.

Important: Incorrect wiring can cause damage to the unit or vehicle's electrical system. If unsure, consult a qualified marine electronics technician.

5. OPERATING INSTRUCTIONS

Basic Controls:

- **Power/Mute Button:** Press to turn the unit on/off. Press briefly to mute/unmute audio.
- **Mode Button:** Cycles through available audio sources (AM, FM, Bluetooth, USB, AUX).
- **DISP Button:** Changes display information (e.g., track name, station frequency).
- **DIM Button:** Adjusts display brightness (100% to 30%).
- **BAND Button:** In radio mode, cycles through AM/FM bands.
- **Rotary Knob:** Adjusts volume. Press to select menu options.
- **Skip/Track Buttons (◀◀ / ▶▶):** Skips tracks in media modes or tunes stations in radio mode.
- **Play/Pause Button (▶▶):** Plays or pauses media playback.

Bluetooth Operation:

1. Press the **Mode** button until 'Bluetooth' is selected.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'Aquatic AV GP1' from the list to pair.
4. Once paired, you can stream audio from your device to the stereo.

AM/FM Radio:

1. Press the **Mode** button to select 'AM' or 'FM'.
2. Use the **BAND** button to switch between FM1, FM2, FM3, AM1, AM2.
3. Use the **Skip/Track** buttons to manually tune or seek for stations.
4. To save a preset, tune to the desired station, then press and hold one of the numbered preset buttons (if available, or refer to specific model instructions for saving presets).

USB/AUX Input:

- Connect your USB device to the USB port for MP3 playback.
- Connect an external audio device to the AUX input using a 3.5mm audio cable.
- Press the **Mode** button to select 'USB' or 'AUX' as the source.

6. MAINTENANCE

The GP1 stereo is designed for durability in harsh marine environments. Regular maintenance will ensure optimal performance.

- **Cleaning:** Wipe the unit with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all wiring connections for corrosion or damage. Ensure the mounting is secure.
- **Environmental Protection:** The unit is IP65 rated, meaning it is protected against dust and low-pressure water jets. While resistant to UV, salt, and fog, rinsing with fresh water after exposure to saltwater is recommended.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Blown fuse, incorrect wiring, loose power connection.	Check the fuse in the power line. Verify all power and ground connections are secure.
No Audio Output	Volume too low, incorrect source selected, speaker wiring issues, unit muted.	Increase volume. Select the correct audio source. Check speaker connections. Ensure unit is not muted.
Bluetooth Not Connecting	Device not in pairing mode, stereo not in Bluetooth mode, interference.	Ensure stereo is in Bluetooth mode. Put your device in pairing mode. Move closer to the stereo. Forget and re-pair the device.
Poor Radio Reception	Antenna not connected, damaged antenna, environmental interference.	Check antenna connection. Ensure antenna is properly installed and undamaged.

If problems persist after attempting these solutions, contact Aquatic AV customer support or a qualified technician.

8. SPECIFICATIONS


- **Product Dimensions:** 5.5 x 5.5 x 6.25 inches
- **Item Weight:** 1.5 pounds
- **Amplifier:** 288 Watt (Class A/B, 2 Ohm stable)
- **Connectivity:** Bluetooth, USB, AUX, AM/FM Radio
- **Display:** Monochrome LCD, Optically Bonded, Tempered Glass
- **Environmental Protection:** IP65 Waterproof, UV/Salt/Fog Resistant
- **Memory Storage Capacity:** 4 GB (for USB media)
- **Compatible Devices:** Speakers
- **Included Components:** 12-pin Wiring Harness (AQ-UNH-2), Mounting Bracket, USB Cable
- **Model Number:** GP1
- **ASIN:** B07XZHSB2S

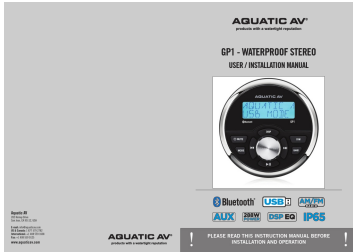
9. WARRANTY AND SUPPORT

This Aquatic AV GP1 Marine Stereo comes with a **Two-Year Warranty**. For warranty details and to extend your product warranty, please register your product online via the Aquatic AV website or through the Aquatic AV App.

For technical support or service inquiries, please refer to the contact information provided on the official Aquatic AV website.

Related Documents - GP1

	<p>Nikon GP-1A GPS Unit User's Manual</p> <p>This manual provides instructions for the Nikon GP-1A GPS Unit, detailing its features, connections, and usage with compatible Nikon cameras. Learn how to attach the unit, connect it to your camera, and utilize its GPS capabilities for geotagging your photos.</p>
	<p>Aquatic AV AQ-MP-5UBT-S Waterproof Media Player User/Installation Manual</p> <p>Comprehensive user and installation manual for the Aquatic AV AQ-MP-5UBT-S waterproof media player, covering features like SiriusXM, Bluetooth, iPod/iPhone, USB, MP3, and AM/FM radio, along with installation, operation, and specifications.</p>
 <p>Welcome</p>	<p>BenQ Joybee GP1 Mini Projector User Manual</p> <p>Comprehensive user manual for the BenQ Joybee GP1 Mini Projector, covering setup, operation, maintenance, troubleshooting, and specifications.</p>
	<p>Aquatic AV AQ-SWA8-6BT Combined Bluetooth Stereo Subwoofer User Installation Manual</p> <p>User and installation manual for the Aquatic AV AQ-SWA8-6BT Combined Bluetooth Stereo Subwoofer. Details features, specifications, wiring, Bluetooth connectivity, auxiliary input, and warranty information.</p>
	<p>Aquatic AV AQ-MP-5BT-H Waterproof Media Player User & Installation Manual</p> <p>User and installation guide for the Aquatic AV AQ-MP-5BT-H waterproof media player, compatible with 1998-2013 Harley-Davidson motorcycles. Covers installation, controls, Bluetooth, radio, specifications, and warranty.</p>
	<p>Thermo Scientific Centrifuge Spare Parts for GP1 Pro and Plus Series</p> <p>A comprehensive guide to spare parts for Thermo Scientific Sorvall X1 Pro, Sorvall ST1 Plus, Thermo Scientific SL1 Plus, Multifuge X1 Pro, and Megafuge ST1 Plus centrifuges. Includes detailed parts lists and diagrams for front panel, lid, and electronics.</p>



[\[pdf\]](#) User Manual Quick Start Guide Diagram

User Manual AQUATIC AV GP1 WBQGP1 gp1

Aquatic AV 282 Kinney Drive San Jose, CA 95112, USA E-mail: info@aquaticav.com

US Canada: 1 877 579 2782 International: 1 408 559 1668 Fax: 1 408 559 0125

www.aquaticav.com **GP1 - WATERPROOF STEREO USER / INSTALLATION**

MANUAL DSP EQ AM/FM RADIO 288W POWER DSP EQ AM/FM RADIO

CHARGING PLEASE RE...

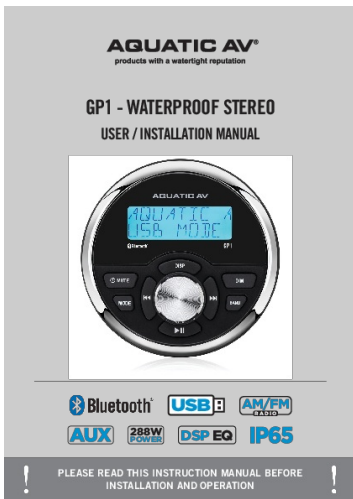
lang:en score:40 filesize: 983.85 K page_count: 8 document date: 2019-04-03



[Aquatic AV GP1 Waterproof Stereo User and Installation Manual](#)

This manual provides comprehensive instructions for the installation, operation, and features of the Aquatic AV GP1 waterproof stereo, including Bluetooth connectivity, USB playback, AM/FM radio, and audio settings.

lang:en score:34 filesize: 989.22 K page_count: 16 document date: 2019-04-03



[\[pdf\]](#) User Manual Quick Start Guide Diagram

Provided by ManualsAndMore Download User Manual Aquatic GP1 Installation manualsandmore |||

GP1 - WATERPROOF STEREO USER / INSTALLATION MANUAL DSP EQ AM/FM

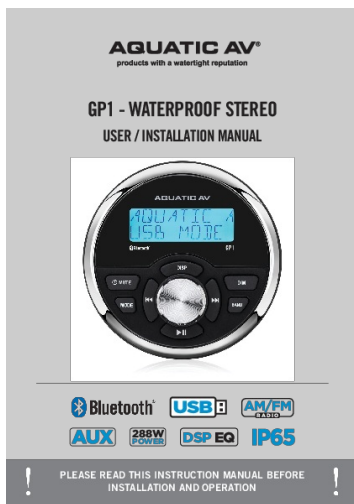
RADIO 288W POWER DSP EQ AM/FM RADIO CHARGING PLEASE READ THIS

INSTRUCTION MANUAL BEFORE INSTALLATION AND OPERATION Table of

Contents GP1 WATERPROOF STEREO 1 Getting

Started.....

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[\[pdf\]](#) User Manual Owner's Manual Quick Start Guide Diagram

261GC112 Aquatic AV GC112 Gauge Stereo Marine Bundle CRUTCHFIELD COM Stereo Marine HNEWBERRY owner s manual audio system for gauge style openings — includes marine digital media receiver and 6 1 2 speakers at Crutchfield crutchfieldonline ImageBank v20200814164300 Manuals 261

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GP1 - WATERPROOF STEREO USER / INSTALLATION MANUAL DSP EQ AM/FM RADIO 288W POWER DSP EQ AM/FM RADIO CHARGING PLEASE READ THIS INSTRUCTION MANUAL BEFORE INSTALLATION AND OPERATION Table of Contents **GP1 WATERPROOF STEREO** 1 Getting Started.....

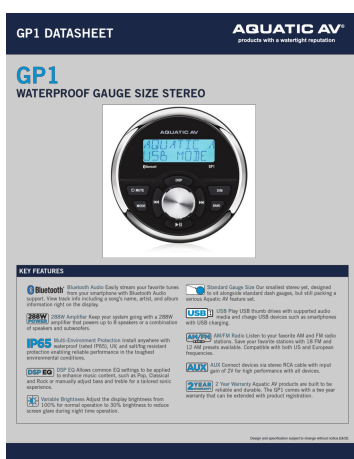
lang:en score:30 filesize: 2.04 M page_count: 20 document date: 2020-08-14



[\[pdf\]](#) Decleration of Conformity Test Report

EMC COMPLIANCE TEST REPORT Simon Test Report AQUATIC AV GP1 WBQGP1 gp1 FCC Test Report Page 1 of 62 Report No.: AGC02581190302FE03 FCC ID APPLICATION PURPOSE PRODUCT DESIGNATION BRAND NAME MODEL NAME CLIENT DATE OF ISSUE STANDARD S REPORT VERSION : WBQ**GP1** : Original Equipment : **GP1** : AQUATIC : **GP1**, RA611 : AQUATIC AV : Apr. 16, 2019 : FCC Part 15.247 : V1.0 Attes...

lang:en score:28 filesize: 3.56 M page_count: 45 document date: 2019-04-25



[\[pdf\]](#) Installation Guide Specifications Datasheet Dimension Guide

GP1 DATASHEET Waterdichte Audio DIMENSIONS Aquatic AV © 2019 Design and specification subject to change without notice E OE SPECIFICATIONS Supported Media Bluetooth USB MP3 r875mW30v4Z29444161639Y0vH9bP7Zf waterdichteaudio nl Files 2 23000 23699 Attachments Product

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GP1 DATASHEET GP1 WATERPROOF GAUGE SIZE STEREO KEY FEATURES Bluetooth Audio Easily stream your favorite tunes from your smartphone with Bluetooth Audio support. View track info including a song s name, artist, and album information right on the display. 288W 288W Amplifier Keep your system going ...

lang:en score:25 filesize: 876.47 K page_count: 2 document date: 2019-07-02

RF EXPOSURE EVALUATION	
1. PRODUCT INFORMATION	
Product Description	GP1
Model Name	GP1, RA611
FCC ID	WBQGP1
2. EVALUATION METHOD	
According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances 50 mm are determined by: [max. power of channel, including tune-up tolerance, mW]/(min. test separation distance, mm) ² [FREQ] (2.0 for 1-g SAR) and 0.7 for 10-g exposure SAR. Where FREQ is the RF channel transmit frequency in GHz. Power and Distance are rounded to the nearest mW and mm before calculation.	
3. CALCULATION	
P _{avg} 3.2248W ± 0.11 mW The value of the Maximum output power P _{avg} is referred to the test report of the [CFR47 § 15.247] The result for RF exposure evaluation SAR _{avg} (2.11 mW/50mm) [25.48 GHz] 0.66 ± 0.0 for 1g SAR and ± 7.5% for 10-g exposure SAR.	
4. CONCLUSION	
The SAR evaluation is not required.	

[pdf] Test Report SAR Rating


USER RF Exposure AQUATIC AV GP1 WBQGP1 gp1

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description

GP1 Model Name **GP1**, RA611 FCC ID **WBQGP1** 2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances 50 mm are de...

lang:en score:23 filesize: 72.24 K page_count: 1 document date: 2019-04-17


AQUATIC AV products with a worldwide reputation	
[2019-04-25]	
Federal Communications Commission 445 12 th Street SW Washington, DC 20554	
Subject:	Limited Agency Agreement AQUATIC AV FCC ID: WBQGP1
To Whom It May Concern:	
We, AQUATIC AV hereby authorized Intertek Testing Services to act as our Agent for the purpose of preparing application for FCC ID number: WBQGP1 under all applicable parts of the FCC rules and regulations.	
The effective date of this limited agency agreement is 2019-04-25. The Limited Agency Agreement expires until further notice, unless sooner terminated or extended by written notice to Intertek Testing Services and the Federal Communications Commission.	
This is to advise that we are in full compliance with the Anti-Drug Abuse Act. The applicant is not subject to a denial of Federal benefits pursuant to Section 552 of the Anti-Drug Act of 1988, 21 U.S.C. 882, and as part of the application is subject to a denial of Federal benefits pursuant to that section.	
If you have any questions or comments, please do not hesitate to contact me.	
Sincerely,	
(Signature)	
	
AQUATIC AV Contact person: Robert L. File	

[pdf] Agent Authorization

Terre Wolak Letter of Agency AQUATIC AV GP1 WBQGP1 gp1

2019-04-25 Federal Communications Commission 445 12th Street SW Washington, DC 20554 Subject: Limited Agency Agreement AQUATIC AV FCC ID: WBQ**GP1** To Whom It May Concern: We, AQUATIC AV hereby authorized Intertek Testing Services to act as our Agent for the purpose of preparing application for ...

lang:en score:22 filesize: 30.58 K page_count: 1 document date: 2019-04-25

GP1 DATASHEET	
AQUATIC AV products with a worldwide reputation	
GP1 WATERPROOF GAUGE SIZE STEREO	
	
KEY FEATURES	
Bluetooth Bluetooth Audio Easily stream your favorite tunes from your smartphone with Bluetooth Audio support. View track info including a song's name, artist, and album information right on the display.	Standard Gauge Size Our smallest stereo unit, designed to fit all standard standard sized gauges, but still packing a serious Aquatic AV feature set.
288W 288W Amplifier Keep your system going with a 288W amplifier that powers up to 8 speakers in a combination of systems and subwoofers.	USB 12 Pin, USB Audio comes with supported audio inputs and charge USB devices such as smartphones with no charging.
IP69 Marine Grade Protection Protection tested against water, salt, and weathering resistant to harsh conditions in the toughest environments.	AM/FM AM/FM Radio Listen to your favorite AM and FM radio stations. See your favorite stations with 18 AM and 12 FM preset available. Compatible with both US and European frequencies.
GPS GPS E20 allows compass (20 settings) to be applied to the stereo music control, with an auto, manual and auto or manually adjust bass and treble for a balanced music experience.	AUX AUX Connect devices via stereo RCA cable with input and output. 20 settings to adjust the stereo music control and display. The GP1 comes with a two year warranty that can be extended with product registration.
Variable Brightness Adjust the display brightness from 100% to 10% to save energy for 10% brightness to reduce screen glare during night time operation.	
<small>Model and product name subject to change without notice.</small> Aquatic AV © 2019	

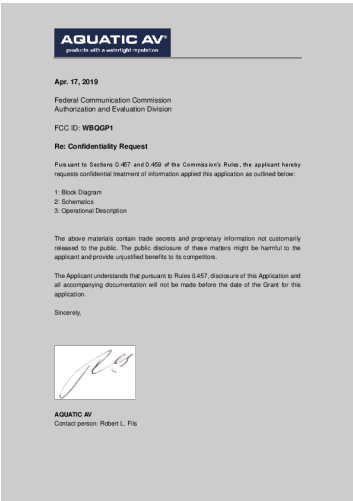
[pdf] Installation Guide Datasheet

GP1 Datasheet Apr19 Gauge size marine bluetooth stereo gp1 datasheet apr19 marathonleisure co uk media sebwhite product g p |||

GP1 DATASHEET **GP1** WATERPROOF GAUGE SIZE STEREO KEY FEATURES

Bluetooth Audio Easily stream your favorite tunes from your smartphone with Bluetooth Audio support. View track info including a song s name, artist, and album information right on the display. 288W 288W Amplifier Keep your system going ...

lang:en score:22 filesize: 880.29 K page_count: 2 document date: 2019-04-09

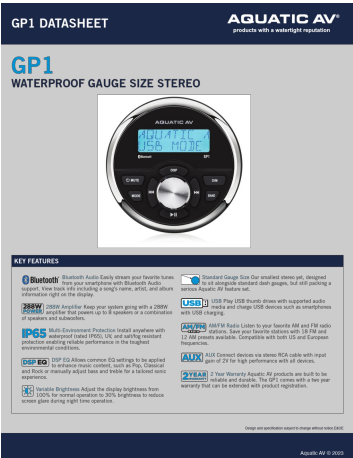


[\[pdf\]](#) Confidentiality Request Letter

eason Confidentiality Request AQUATIC AV GP1 WBQGP1 gp1

Apr. 17, 2019 Federal Communication Commission Authorization and Evaluation Division FCC ID: WBQGP1 Re: Confidentiality Request Pursuant to Sections 0.457 and 0.459 of the Commission s Rules, the applicant hereby requests confidential treatment of information applied this application as outlined bel...

lang:en score:22 filesize: 96.89 K page_count: 1 document date: 2019-05-06



[\[pdf\]](#) Installation Guide Datasheet

Dodatne informacije Radio i zvuĀnici bijeli unimar hr gp1 datasheet jan23 3 Documents product additional info |||

GP1 DATASHEET GP1 WATERPROOF GAUGE SIZE STEREO KEY FEATURES Bluetooth Audio Easily stream your favorite tunes from your smartphone with Bluetooth Audio support. View track info including a song s name, artist, and album information right on the display. 288W 288W Amplifier Keep your system going ... lang:en score:20 filesize: 881.93 K page_count: 2 document date: 2023-01-16



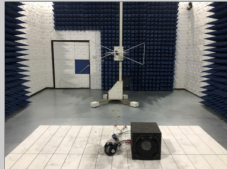
[\[pdf\]](#) Product Photos

Administrator External Photos AQUATIC AV GP1 WBQGP1 gp1

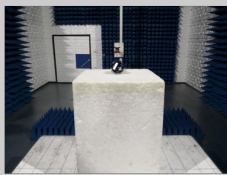
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Test Setup Photos
RADIATED EMISSION TEST SETUP BELOW 1GHZ



RADIATED EMISSION TEST SETUP ABOVE 1GHZ



[\[pdf\]](#) Product Photos

Administrator Test Setup AQUATIC AV GP1 WBQGP1 gp1

Test Setup Photos RADIATED EMISSION TEST SETUP BELOW 1GHZ RADIATED EMISSION TEST SETUP ABOVE 1GHZ CONDUCTED EMISSION TEST SETUP ...

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Internal Photos
OPEN VIEW OF EUT



[\[pdf\]](#) Product Photos Teardown

Administrator Internal Photos AQUATIC AV GP1 WBQGP1 gp1

Internal Photos OPEN VIEW OF EUT INTERNAL VIEW OF EUT-1 Antenna
INTERNAL VIEW OF EUT-2 INTERNAL VIEW OF EUT-3 INTERNAL VIEW OF EUT-4
INTERNAL VIEW OF EUT-5 ...

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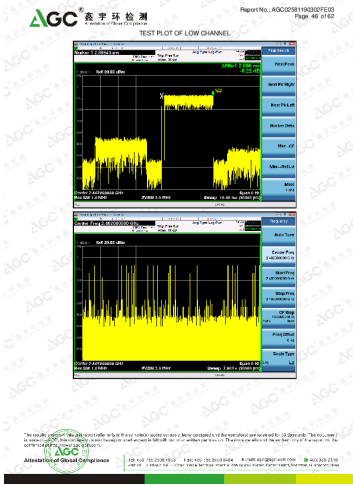


[\[pdf\]](#) Label

USER Label Artwork and Location AQUATIC AV GP1 WBQGP1 gp1

FCC ID Label Location 10mm*30mm FCC ID: WBQGP1 ...

lang:en score:16 filesize: 132.31 K page_count: 1 document date: 2019-04-25



[pdf] Diagram Test Report

EMC COMPLIANCE TEST REPORT Simon Test Report AQUATIC AV GP1 WBQGP1 gp1

Report No.: AGC02581190302FE03 Page 46 of 62 TEST PLOT OF LOW CHANNEL

Report No.: AGC02581190302FE03 Page 47 of 62 TEST PLOT OF MIDDLE

CHANNEL Report No.: AGC02581190302FE03 Page 48 of 62 TEST PLOT OF HIGH

CHANNEL Report No.: AGC02581190302FE03 Page 49 of 62 13. FREQUENCY

SEPARATION 13.1. ME...

lang:en score:15 filesize: 3.14 M page_count: 17 document date: 2019-04-25



[pdf] Accessories Catalog

Elab List Formali NAUTICA g romeo listino prezzi nautica ottobre 2024 UFLEX Srl Oct 9 · Pompa frizione

manuale P Max 75 l min@ 1400 rpm 933 00 64858E Carica batterie portatile Blue Smart GX 12 7 IP65

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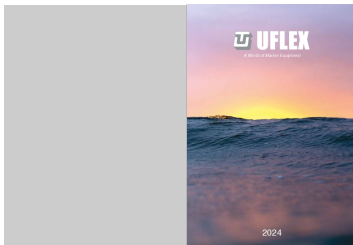
UFLEX rev. 09/10/2024 listino prezzi nautica ottobre 2024 Prezzi soggetti a variazione

senza prea ... UATIC AV . AQUATIC AV . AQUATIC AV 48 AQUATIC AV Sistemi

stereo Audio/Video marini STEREO SYSTEM **GP1** Stereo, conness. Bluetooth,

dimensione stereo standard STEREO SYSTEM **GP100B** Kit stero **GP1** co...

lang:it score:13 filesize: 439.01 K page_count: 65 document date: 2024-11-25



[pdf] User Manual Accessories Catalog

UFLEX 24 2023 09 05 — Service Temperatura gas di scarico pressione olio Manual Bilge Lights Book

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area Uflex 06 Area |||

A World of Marine Equipment 2024 HIGHLIGHTS AQUATIC AV Kit **GP100W GP100B**

pag. 31 VERATRON MARINE Display VMH35-D pag. 79 VERATRON MARINE

LinKup 0-5V pag. 86 UFLEX - Elettropompe reversibili con motori a magneti

permanenti pag. 138 MARINCO Trombe elettriche compatte pag. 170 VICTRON EN...

lang:it score:11 filesize: 29.42 M page_count: 335 document date: 2023-09-06