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FEATURES
The Aquatic AV AQ-CD SERIES is a full-featured Media Center incorporating the following features:
- 7 Bands of weather band
- Stainless steel sealed chassis and mounting hardware
- IPX5 water intrusion & CFR-46 rated
- Conformal coated printed circuit boards
- ASTM B117 salt fog tested 400 hours
- ASTM D4329 UV stable tested 400 hours
- Double sealed water protection transport gaskets
- Wireless IR sensor
- Wired remote ready / supports up to #4 independent wired remotes
- White low current / low heat LCD
- White backlight control surfaces
- 5 Band digital sound stage settings
- 200 Watts of power (50 Watts x 4 Channels)
- 4 RCA audio outputs, subwoofer output
- 4 RCA audio inputs, External SAT radio, iPod
- MP3 with ID-3 Tag
- 2 Auxiliary 12V outputs (patent pending)
- Switchable tuner frequency U.S. or euro band/CE approved

ABOUT THE MANUAL AND WARRANTY
To start enjoying your new Aquatic AV CD Media Center, please read the instructions listed in this manual. Keep all instructions for future reference. Please fill out and send in the enclosed warranty card to protect your purchase and aid in warranty service. Also, save your original sales receipt as proof of purchase.

EXPLANATIONS OF CONTROLS
1. Power Button
   Press PWR to turn system on or off.

2. Equalization Button
   Pressing the EQ/LD will let you choose from DSP off, Jazz, Pop, Classic, Rock or Vocal.
   Press and hold button to enable or disable loudness compensation.

3. Mute Button
   Press MUTE to mute the audio output. Press again to return to previous volume level.

4. Open Button
   Press OPEN to flip down the front panel and access the CD slot. Insert CD into the CD slot. Make sure to close the front panel to prevent damage to the unit.

5. A/PS Button
   Press A/PS to scan preset stations. The tuner will scan up and wait for a few seconds, then scan up again. Once the desired station is found, press A/PS again to stop Scan mode. Pressing and holding A/PS will scan and store stations automatically in each memory (6) of the selected band.

6. DISP Button
   Press the DISP button to switch between the following display information: Clock frequency (clock is displayed for 5 seconds only).

7. Source Button
   Press SRC to select a source between the these modes: AM or FM RADIO, CD or AUX

8. Volume Button
   Press up or down to increase or decrease volume.
15. **Preset 6/UP Button**
In tuner mode, any station may be preset simply by pressing and holding one of the keys (1 to 6). Press one of the keys (1 to 6) to recall the stored stations. In MP3 mode, press this key do a folders forward change. In the CD Changer Mode, press do a select Upper next Disc.

16. **BND Button**
Press BND to select between FM1, FM2, FM3, AM1, AM2 and WB (weather band).

17. **Tuning UP/DOWN Buttons**
Press upper part of button up to manually adjust frequency up. Press and hold Track up to make a seek up to the next station. Scan mode stops as soon as a strong station is found. Press Track down to manually adjust frequency down. Press and hold Track down to make a seek down to the next station. Scan mode stops as soon as a strong station is found. In CD mode pressing these buttons will advance the CD up or down to next or previous track. Press and hold these buttons to fast forward or rewind through a track.

18. **Reset button**
If keys do not function at all, use a ballpoint pen to press the Reset button. Pressing Reset button clears all memory (except station presets) and resets the display to its default settings. The clock will lose the set time.

19. **Eject Button**
To eject a CD, the flip-down front panel must be open, then press Eject button, located on the left.

20. **USA/Europe switch**
Located on the bottom of the unit, You can switch from American (USA) to European radio frequency, power down the unit first. Then lift up the sticker which is located bottom of the CD player. Switch from American (USA) to European, as indicated on the sticker then put sticker back in place and power up the unit.

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**Operation:**

1. **Setting the Clock**
   To set the time, press and hold DISP for 3 seconds. Until the clock display is blink. Set the hours by using Track up or down. Press display again. Set the minutes. Press and hold display again to exit (or simply wait for 5 seconds).
SELECTING WEATHER BAND MODE BND
Press BND in tuner mode until WB is displayed. The tuner automatically skips to the strongest weather channel. Press BND again to return to previous mode. Use track up to go to the next memorized weather channel (CH1 to CH7). Use track down to go to the previous memorized weather channel (CH1 to CH7). To preset weather station in weather band mode, use keys 1 to 6 to choose from CH1 to CH6. Only CH7 is not accessible through a preset key.

AUXILIARY INPUT
Press SRC button until the display reads "AUX" which indicates that the Auxiliary unit is playing. This mode allows to play sound from an external source such as a iPod™ or MP3 player (please refer to the Installation & Connection section for the connection of such external devices.

DISPLAY INFORMATION DISP
Press DISP to switch between the following display information: Clock, Track no./Playtime (clock is displayed for 5 seconds only). If you inserted a CD containing MP3 files, a different display info will appear if you press Display: Clock, Track no./Playtime, Track no. Folder name, File name, Song name, Artist's name, Album name. The system can only display the first eight letters of ID3 tags. If the recorded information is longer than 8 letters, text will scroll to the left once, then the eight first letters will be displayed. If specific info has not been recorded on an MP3 disc, NO FOLD, NO TRK, NO TLT, NO ALBM, NO ART will be displayed.

PLAYBACK ORDER OF MP3 FILES
- A directory that does not include an MP3 file is skipped.
- We recommend that you make no more than two levels for each disc.
- Maximum number of folders: 256
- Maximum number of folder levels: 8
- Maximum number of characters for MP3 file name and folder name: 32
- Sampling frequency: 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48kHz
- Bit rates: 8-320 kbps
- MP3 decoding format: MPEG 1 and 2 Audio Layer 3
- Folder names and file names can be displayed with up to 8 characters (see Display key).
- The characters A-Z and 0-9 can be displayed on this unit; other characters may not be displayed correctly.
- ID3 tag is supported (see Display key).

READING FILES INTO A DISC
When a disc containing MP3 data is loaded, the unit checks all the data on the disc. If the disc contains a lot of folders with many levels, it takes a longer time to start playback. In addition, it may take time for the unit to move to the next MP3 file and Fast Forward function may not be performed smoothly.

When selected to play, files and folders are accessed in the order in which they were written by the CD writer. Therefore, the playing order may not be the same as the order in which they are expected to be played. For example, a disc with the following folder/file hierarchy is subject to Folder Select, File select and playback order as shown on next page.
**Installation**

This section lists mounting and wiring precautions for installing an Aquatic AV AQ CD Series CD Media Center. Combined with the experience of a professional installer, these safeguards provide enough detail to successfully complete an installation. If you do not have the necessary skills, do not install the Media Center yourself. Instead, see your authorized Aquatic AV dealer for installation recommendations.

**Wiring Precautions**

Read all wiring precautions. If you are not sure of the connections, contact your authorized Aquatic AV dealer.

- This unit operates on a marine negative ground 12-V ground power source and requires additional audio components for proper operation.
- Disconnect the negative (-) lead of the battery before making any power connections.
- A good chassis ground connection is critical to the performance of your Aquatic AV CD Media Center. Use the shortest ground wire possible and securely connect to the boat's main ground to minimize resistance and avoid noise problems.
- Extra cable can cause signal loss and act as an "antenna" for noise. Use only high-quality RCA cables that are no longer than necessary to make a direct connection with the source unit and amplifiers.

- **Yellow wire (w/fuse)**
  Connect this wire to a constant +12-Volt power source (a power source that is not controlled by the ignition key).

- **Red wire**
  Connect this wire to a switched +12-Volt power source (a power source turned on and off by the ignition key).

- **Orange wire**
  Connect this wire to the light control switch (dimmer control). If no lighting circuit is available, tape off the end of this wire to prevent shorting out of the unit.

- **Brown and Pink wire**
  Optionally connect two wires to an accessory circuit within the boat to remote activate the connected accessory. Pressing the lighting button on one of the optional remotes will energize one of each two wires with a 12-Volt latched output that will stay active until the button is pressed for a second time. The lighting buttons will close while the button is pressed for a 3" time.

- **Blue wire**
  Connect this wire to the (+) power antenna activation circuit. If no power antenna exists, tape off the end of this wire to prevent shorting out of the unit.

- **Black wire**
  Connect this wire to the frame of the vehicle (ground or ground power source). This wire is the chassis grounding wire for the unit.

- **White wire**
  Connect this wire to the left front speaker (+) positive terminal or wire.

- **White wire with black stripe**
  Connect this wire to the left front speaker (-) negative terminal or wire.

- **Gray wire**
  Connect this wire to the right front speaker (+) positive terminal or wire.

- **Gray wire with black stripe**
  Connect this wire to the right front speaker (-) negative terminal or wire.

- **Green wire**
  Connect this wire to the left rear speaker (+) positive terminal or wire.

- **Green wire with black stripe**
  Connect this wire to the left rear speaker (-) negative terminal or wire.

- **Purple wire**
  Connect this wire to the right rear speaker (+) positive terminal or wire.

- **Purple wire with black stripe**
  Connect this wire to the right rear speaker (-) negative terminal or wire.

- **Gray cable with red/white RCA connectors**
  Connect to the audio line output of any additional audio or audio/video sound source.

- **Black cable with red/white RCA connectors**
  Provides L/R channel (front/rear) audio signal output to an additional amplifier.

- **Black cable with green RCA connectors**
  Connect this cable to the input lead of an amplifier for the subwoofer.

- **Black cable with 1/8" Mini connector**
  Provides IR (infra red) input. Plug in the optional AQ-IRE Infra Red eye to extend the IR range of the wireless remote.

- **Black cable with black Antenna connector**
  AM/FM antenna receptacle.
**Mounting Precautions**

The AQ-CD SERIES Media Center is designed for the harsh conditions of the marine environment. For easy system set-up, mount the Media Center so the front panel controls will be easily accessible from the driver's seat. In addition, observe the following precautions:

1. Check clearances on both sides of a planned installation before drilling any holes or installing any screws.
2. When routing RCA cables, keep them away from power cables and output speaker wires.
3. Due to the harsh conditions of the marine environment, always support the back of the unit with the supplied back strap.

**1. Slide mounting can into DIN opening.**

**2. Slide backing brackets into position and tighten center bolts. Remove backing bracket handles by bending back them until they break off.**

**3. Slide Media Center into mounting can. Secure Media Center using supplied Stainless Steel hardware and back strap.**
Q-WR-102F  Wired Remote

Q-IRR  Wireless Remote

Q-EXT-12/24  Extension Cables

Q-Y-1  Y Connector for Remotes

Q-ANT-1  AM/FM Antenna

Q-IRE  Remote Eye Receiver

Q-SPC-1  Protective Cover
Aquatic Audio Video Inc. Limited Warranty
For U.S. and Canada Only

If purchased from and authorized Aquatic AV dealer, the product is warranted against all defects in material and workmanship for a period of one (1) year from the date from original purchase. An additional one (1) year extension to the warranty maybe obtained by going to Aquatic’s web site www.aquaticav.com and completing the consumer research data. All purchases of Aquatic AV products from non-authorized Aquatic AV dealers are subject to further warranty restrictions as described below.

The conditions of this limited warranty and extend of the responsibility of Aquatic AV Inc. under this limited warranty are as follows:

1. Proof of date of purchase is required for warranty service of this product. Information about Aquatic AV authorized warranty service centers may be obtained by contacting or writing Aquatic AV at the address listed below.
2. This limited warranty is void if service is preformed by anyone other than and approved Aquatic AV Service Center.
3. This limited warranty does not apply to any product which has been subject to misuse, neglect or accident, or has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions finished by Aquatic AV.
4. This limited warranty does not cover marine static or other electrical interference, or laser pickup cleaning or adjustments, or labor costs for the removal of reinstallation of the unit for repair.
5. The sole responsibility of Aquatic AV under this limited warranty shall be limited the repair or exchange of the product at Aquatic AV’s sole discretion.
6. Product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Aquatic AV will not assume any responsibility for any loss or damage incurred in shipping.
7. Aquatic AV products, purchased from a source other than an authorized Aquatic AV dealer, including any and all via the internet from a non-authorized dealer shall not be covered by any Aquatic AV limited warranty or the extended warranty, to the extent allowed by applicable law.
8. All implied warranties except the extent prohibited by applicable law shall have no greater duration than the warranty period set forth above. Under no circumstances shall Aquatic AV be liable for any loss or damage, direct or consequential, arising out of the use or inability to use the product. Because some states do not allow limitations on how long an implied warranty lasts or exclusions or limitations of incidental or consequential damages, the above limitations or exclusions may not apply to you.
9. This limited warranty give you specific legal rights, and you may also have other rights which vary from state to state.
10. The laws of the state of California shall govern and control the limited warranty, its interpretation and enforcement.
11. Should you have any difficulty with the performance of the product during the warranty period, please call or visit our web site for a listing of Authorized warranty Service Centers in your area. You may also contact the Aquatic AV customer service team at the address listed below for help.

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