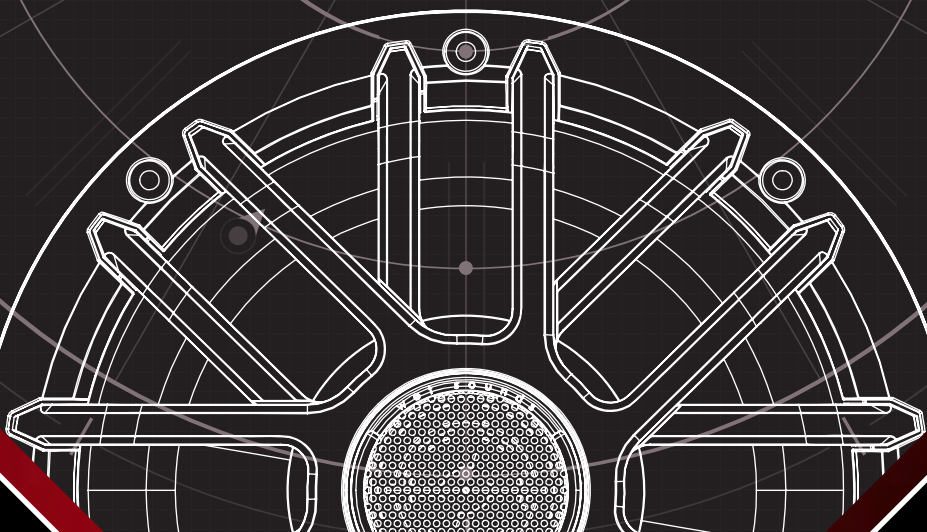


Owner's Manual



w e t s o u n d s

Coaxial Speakers



THANK YOU FOR PURCHASING WET SOUNDS!

Congratulations! Thank You for purchasing the RECON Coaxial Speakers

The Wet Sounds RECON speakers are built to survive in the extreme marine environment . Features like a polypropylene cone for clean mid bass, A santopreme surround for long term durability, use of a high-temp conex spider for consistent performance and in a PEI dome tweeter for crisp highs and place all of this into a PC-ABS composite basket and you have a speaker built to last.

Each speaker includes two grille options in the box — white and dark titanium — allowing you to match your boat's aesthetic right out of the gate. Select models also feature integrated RGBW lighting, giving you full-spectrum control for a custom look. Whether you're cruising open water or docked at sunset, RECON speakers bring the signature Wet Sounds performance and style you can count on.

Please take a moment to read the instruction manual & connection guide before starting the installation. If you have any questions or concerns, please contact a certified Wet Sounds dealer or Wet Sounds Tech Support:



1-877-WET-SPKR (1-877-938-7757)

www.wetsounds.com

Wet Sounds RECON Coaxial Speaker System. Operations / Installation Manual

Table of Contents

Please take a moment to look over this instruction manual before enjoying the product.

RECON Technology Specifications	3
RECON Installation Guide.....	4-6
Optional Amp Configuration.....	7
Optional Accessories	8
Tech Tips	8
Trouble Shooting	9-10
Plan System Layout	11
Limited Warranty	12

Specifications

RECON 6 SPECIFICATIONS

RMS: 75W

Peak: 150W

Impedance: 4Ω

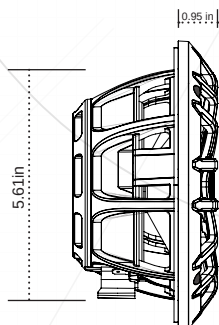
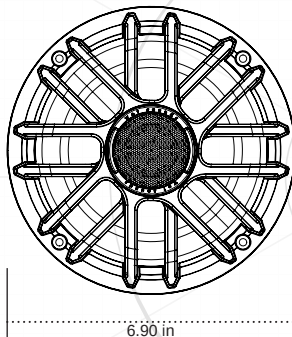
Frequency Response: 60Hz - 20kHz

Sensitivity: 90.31dB at 1W/1m

Mounting Depth: 2.52"

Hole Cut Out: 5.61"

Weight: 4lbs



RECON 8 SPECIFICATIONS

RMS: 90W

Peak: 180W

Impedance: 4Ω

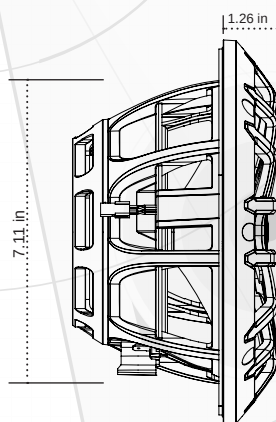
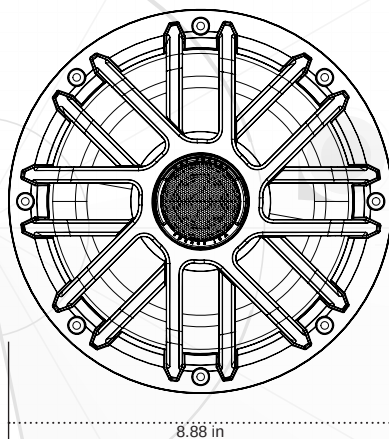
Frequency Response: 60Hz - 20kHz

Sensitivity: 87.81dB at 1W/1m

Mounting Depth: 3.46"

Hole Cut Out: 7.11"

Weight: 4lbs



Installation Guide

OPERATION and INSTALLATION

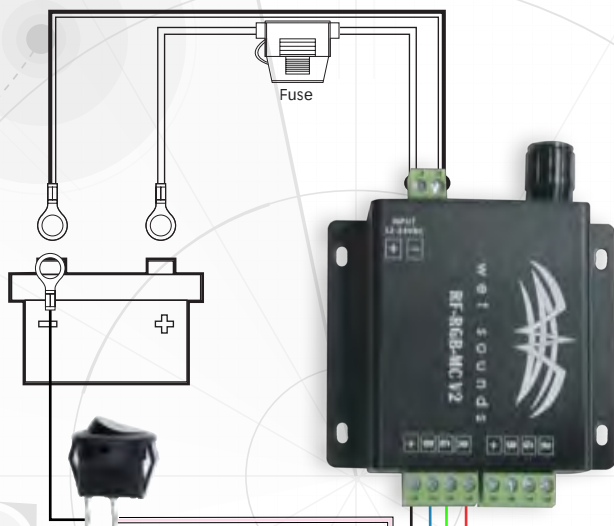
Please review the hole cut out dimensions for RECON speakers and make sure that the correct and appropriate opening is provided for the speakers. Be sure to use the stainless steel screws that are provided. This will prevent against corrosion. Also included is a waterproof two conductor connector to connect the speakers to the amplifier or source unit. The red wire is positive, while the black wire is negative.

***If Equipped with RGBW LIGHTNING:**

Special instructions about the RGBW LED lighting behind the tweeter:

1. The RGBW LED 5-wire harness should be connected with the BLACK wire on +12V (a 2A in line fuse is recommended). The other 4 wires (RED, BLUE, GREEN, and WHITE) can be combined and connected to ground (-12V) in various combinations to achieve different colors of illumination behind the tweeter cup. For instance, grounding RED and BLUE together will result in a purple color.
2. Using an LED controller like the Wet Sounds RF-RGB-MC V2 enables the display of thousands of color combinations, (RED, GREEN and BLUE) as well as light-changing modes and the ability to synchronize the lights with music. All of these features are controllable via a handheld wireless remote.
3. With RGBW LEDs, you can connect the RGB wires as usual and ground the White (W) wire to a negative switch and turn the white light on whenever needed.

Installation Guide

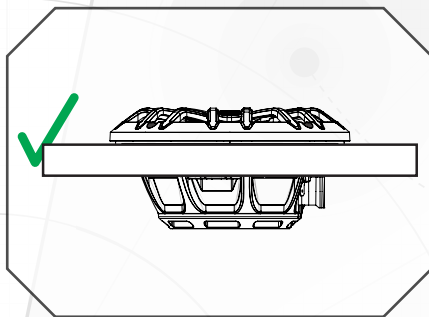
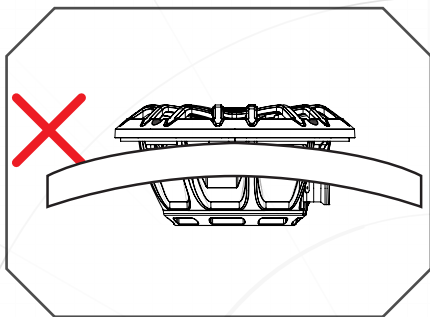


When using RGBW you can still use a standard RGB controller and add a switch in line for the White wire.

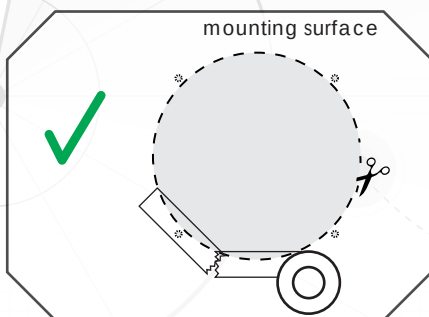
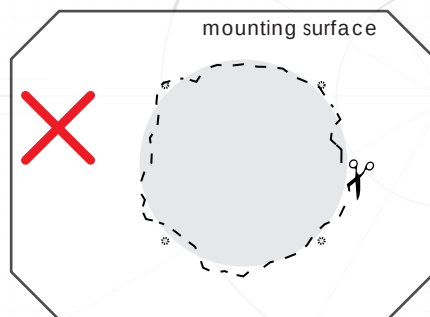


Installation Guide

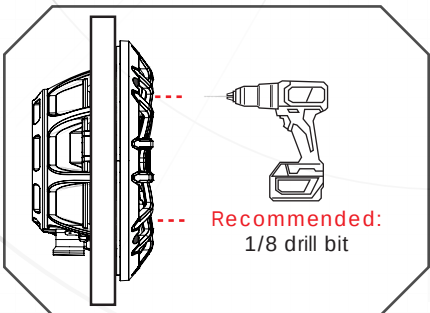
We recommend checking if the mounting surface is flat with a square or level. Mounting to a curved surface will damage the product.



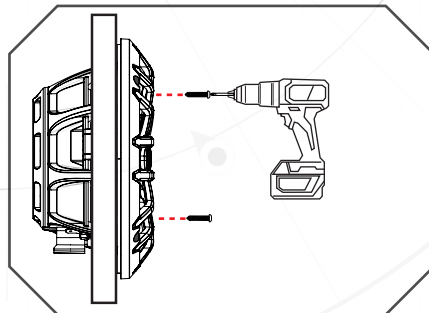
Tape the surrounding surface to prevent damaging the finish, and avoid cutting outside the cut line to prevent improper fitment.



Pre-drill the screw locations to prevent surface cracking.



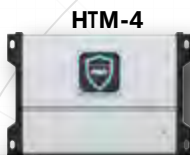
steel 5/32" x 1.25" Phillips screws.



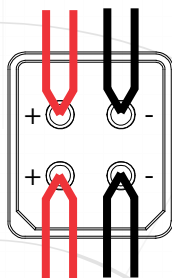
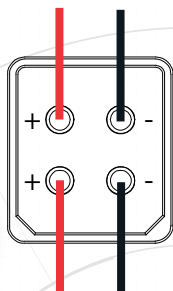
Optional Amp Configuration

The HTM lineup delivers 85W per channel at 4 ohms and 150W per channel at 2 ohms. The RECON 6s handle 75W, and the 8s handle 90W. With any HTM, you can run a speaker per channel or pair them up for a 2-ohm load.

Left input is an example of a speaker per channel running at a 4ohm load.



HTM-4



Right Input is an example a pair of speakers per channel putting you at a 2ohm load.

Tech Spec.

HTM-4

HTM-6

HTM-8

Amp Channels	4	6	8
Stereo @ 4 Ohms	85W x 4	85W x 6	85W x 8
Stereo @ 2 Ohms	150W x 4	150W x 6	150W x 8

SYN-DX4



SYN-DX4 does 125w per channel at 4ohm and 200w per channel at 2ohms. You can run up to 4pairs of RECON 8s on ch1-4 doing just a speaker per channel or a pairs per channel.

Tech Spec.

SYN-DX4

SYN-DX6

Amp Channels	4	6			
Stereo @ 4 Ohms	125W x 4	Ch. 1-4: Stereo @ 4 Ohms	125W x 4	Ch. 5-6: Stereo @ 4 Ohms	150W x 2
Stereo @ 2 Ohms	200W x 4	Stereo @ 2 Ohms	200W x 4	Stereo @ 2 Ohms	300W x 2
Mono @ 4 Ohms	400W x 2	Mono @ 4 Ohms	400W x 2	Mono @ 4 Ohms	600W x 1

SYN-DX6



SYN-DX6 channels 1-4 match SYN-DX4 same set up as listed above. Channels 5-6 can run subs or additional speakers that handle the power.

STX Micro-4



STX-Micro 4 does 80w per channel at 4ohms and 130w per channel at 2ohms you can run up to 4 pairs of RECON 6s

Tech Spec.

STX-4

Amp Channels	4
Stereo @ 4 Ohms	80W x 4
Stereo @ 2 Ohms	130W x 4

Optional Accessories

RECON 6 & 8 RGBW



Note: with the White wire you can run to a Negative switch to turn it on separately from standard RGB controller

RGB Controllers to Choose from:

- WWX-RGB-RS V3
- RF-RGB-MC V2
- WS-4Z-RGB KIT

Other Accessories for RGB application:

- RGB Amplifier
- RGB Connector Kit v5
- RGB Female 4-Pin Waterproof 10-Pack Kit
- RGB Male 4-Pin Waterproof 10-Pack Kit
- RGB 22GA 150' Wire Spool
- SPKR/ RGB Combo-150' wire Spool
- Speaker wire 12GA, RGB wire 22GA

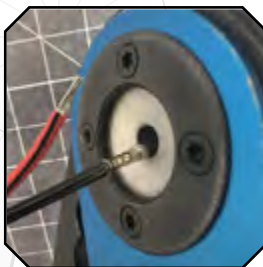
Wet Sounds Tech Tips



Part #AT62-209-16141

Part # AT06-2S

Part # AW2S



Tool Model:JX-1943C



To achieve a 2-ohm load with multiple speakers, use the spade terminals and DT 2-pin on one speaker, then jump leads to the second speaker. The DT jumper wires them in parallel, with the main run soldered to one speaker's spade terminals.

Trouble Shooting

Check Connections: Ensure all connections at the radio and speaker terminals are secure. Loose connections can cause intermittent sound or no sound at all.

Inspect Wiring: Look for any signs of wear, corrosion, or damage in the wiring. The marine environment can be harsh on electrical components.

Test the Radio: Make sure the radio itself is functioning properly. Try tuning to different stations or playing a different audio source (like a Aux or Bluetooth) to see if the issue persists.

Check the Balance and Fader Settings: Sometimes, the issue can be as simple as the balance or fader settings being adjusted incorrectly. Ensure these settings are centered.

Inspect Fuses: Check for any blown fuses in the radio unit or inline fuses in the power supply. Replace any blown fuses.

Test the Speakers Individually: If possible, test each speaker individually with a known working source to determine if the issue is with the speakers or the radio.

Look for Physical Damage: Inspect the speaker cones for any physical damage. A damaged cone can cause distorted or no sound.

Reset the Radio: Sometimes, a simple reset can fix minor issues. Turn off the radio, wait a few minutes, and then turn it back on.

Trouble Shooting LED's

Check Power Supply for LEDs: Ensure the RGBW LED lights are receiving power. This might involve a separate power connection from other devices. Verify that the power source is functioning correctly.

Inspect LED Connections: Make sure all connections for the RGBW LED lights are secure and free from corrosion. Loose or corroded connections can cause the lights to malfunction.

Test the LED Controller: If your RGBW LED lights are controlled by a remote or a separate controller, check if the controller is working properly. Replace the batteries in the remote if necessary.

Check LED Wiring: Look for any signs of damage or wear in the wiring for the RGBW LED lights. The environment can cause wires to degrade over time.

Verify LED Settings: Ensure that the settings on the LED controller are correct. Sometimes, the lights might be set to a mode that makes them appear off or dim. Additionally, check if the white LED channel is properly configured.

Reset the LED System: Try resetting the LED controller or the entire system. This can sometimes resolve minor issues.

Inspect the LEDs: Look for any physical damage to the RGBW LED strips or bulbs. Damaged LEDs might not light up or could flicker.

Check White LED Functionality: Since RGBW LEDs have a dedicated white diode, ensure that the white LED is functioning correctly. If the white light is not working, it could indicate a problem specific to the white diode.