

HIGH PERFORMANCE AUDIO

STEALTH AS SERIES

ST-AS 10 / ST-AS 6 ACTIVE SUBWOOFER ENCLOSURE
INSTALLATION / OWNER'S MANUAL



wet sounds

wetsounds.com

Congratulations! Thank You for purchasing the Wet Sounds ST-AS6 / ST-AS10 Stealth series powered subwoofer system.

Wet Sounds professional marine audio products represent the ultimate in high performance marine audio. Wet Sounds products are specifically engineered to withstand the rigorous marine environment.

Both the ST-AS10 and the ST-AS6 powered subwoofer enclosures bring Wet Sounds performance technology to the harsh marine and off-road environment in a complete, all in one package. Stealth subwoofers will bring on the bass thumping sound to make a good Boat, ATV, or UTV audio system GREAT!

- Lightweight Rotationally Molded Polyethylene housing – tough enough to withstand harsh environments
- **500 Watt Amplifier for AS-10, 250 Watt Amplifier for AS-6**- High Efficiency Class D Amp – sealed against moisture and dirt
- Easy Plug & Play connection with STEALTH Soundbars, or any other system
- High Excursion subwoofer driver – computer matched to the enclosure
- Remote level control included
- Stainless steel mounting hardware included
- Durable aluminum grill
- Auto or manual turn-on function
- Thermal and over/under voltage protection circuitry

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

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

www.wetsounds.com



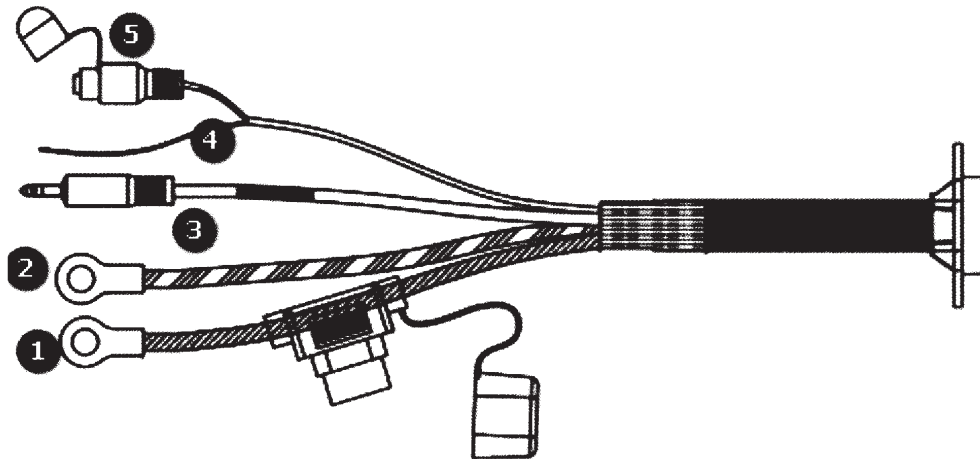
IMPORTANT! BEFORE MAKING ANY CONNECTIONS, DISCONNECT THE BATTERY POWER UNTIL THE INSTALLATION IS COMPLETED TO AVOID POSSIBLE DAMAGE TO THE ELECTRICAL SYSTEM.

INSTALLATION

Mounting

Find the proper spot in your vehicle to mount the subwoofer enclosure. The enclosure should be mounted securely to a flat surface using the supplied hardware. For the ST-AS10, the mounting holes are integrated into the enclosure. For the ST-AS6, install the supplied mounting feet to the enclosure using the supplied hardware. The feet can be rotated to fit the floor of the vehicle.

WIRING THE HARNESS FOR THE ST SERIES SUBWOOFER



If installing on a gas or diesel vehicle – wire the Negative (**Black**) wire (2) on the subwoofer harness to the Negative (-) battery terminal and the Positive (**Red**) wire (1) on the subwoofer harness to the Positive (+) battery terminal.

If installing on an electric vehicle – switch it into TOW mode. Wire the Negative (**Black**) wire (2) on the subwoofer harness to Ground on the DC-DC Converter and the Positive (**Red**) wire (1) on the subwoofer harness to the Positive (+) post on the DC-DC converter.

Note: DC-DC Converter is required on electric vehicles to avoid damage to the accessory and the vehicle!

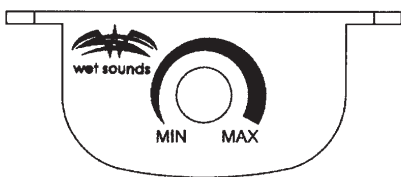
Route the Blue Remote Turn On Wire (4) to a location where it can connect to the Remote Turn On Output from the source unit. If using the latest Wet Sounds Stealth Sound Bar, this will be a blue wire. On a traditional head unit, this wire is often labeled “power antenna remote”. It should be a wire that supplies +12V when the source unit is powered on and returns to 0V when the source unit is powered off. If using this turn on method, be sure that the AUTO TURN ON switch on amplifier built in to the ST series subwoofer is in the “REM” position.

If the source unit does NOT have a Remote Turn On Output (like earlier model Wet Sounds Stealth Sound Bars) make sure the AUTO TURN ON switch on the amplifier built in to the ST series subwoofer is set in the “AUDIO” position. See further instructions below for more information on the AUTO TURN ON switch. Apply tape to insulate the end of this wire if not being used.

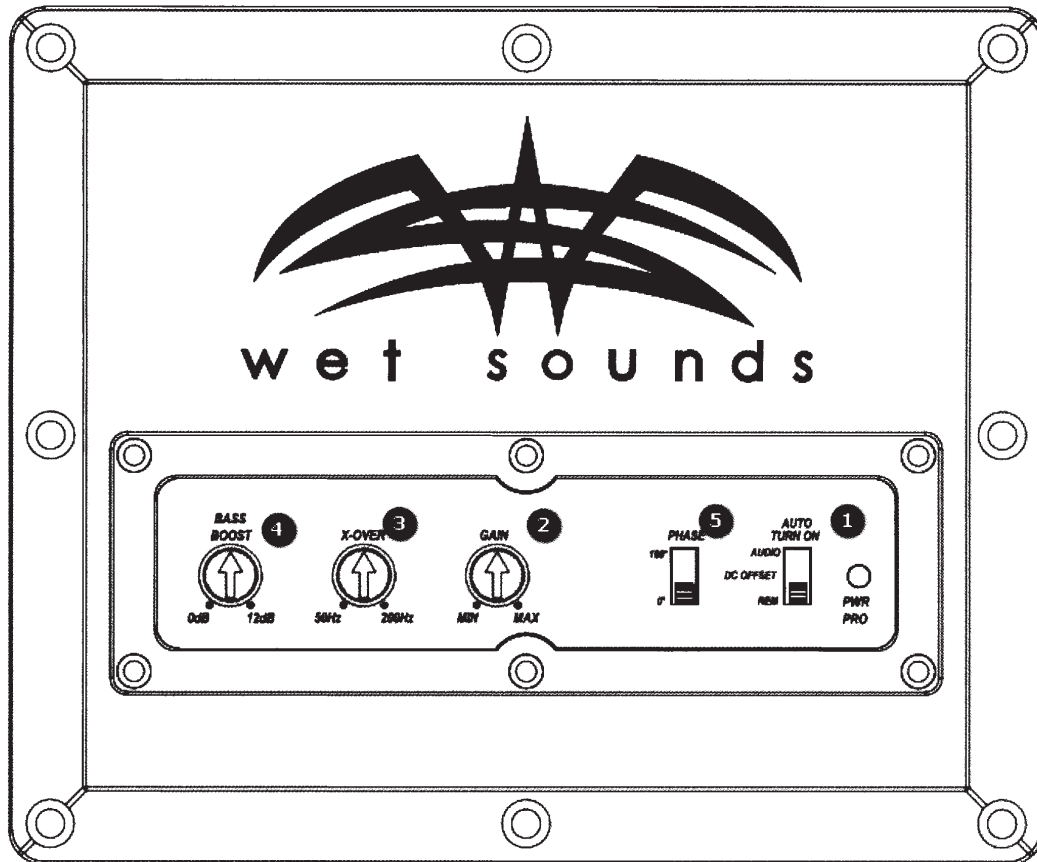
Route the 3.5mm plug labeled “Signal Input” (3) to a location where it can connect to an audio output from the source unit. On Wet Sounds Sound Bars this is a 3.5mm jack labeled “AUX OUT”. If using a traditional head unit with RCA style preamp output, a 3.5mm-RCA adapter will likely be needed.

Route the 3.5mm jack labeled “Remote Level Control” (5) to a location where it can connect to the supplied Remote Level Control. This control is intended to allow easy adjustment of the overall output of the ST series subwoofer, so mount the control in a location that is accessible.

REMOTE LEVEL CONTROL



Before connecting the remote level control, find a location that is easily accessible for adjustment. The attached cable will need to be run to the 3.5mm jack on the harness for the ST series subwoofer. To avoid the possibility of induced noise from the vehicle’s electrical system, keep the cable away from the vehicle’s electrical wiring.

AMPLIFIER ADJUSTMENTS FOR THE ST SERIES SUBS**1 - AUTO TURN ON SWITCH**

The **“REM” Setting** is the most reliable way to turn the ST series subwoofer on and off, but if the source unit does not have a Remote Output wire then either the **“AUDIO”** or **“DC OFFSET”** setting can be used. Not all source units are the same, so three different turn on options are provided. Select the setting that works best with the source unit in the system:

“REM” Setting is used when the source unit has an output that supplies +12V when powered ON and returns to 0V when powered OFF. Newer model Wet Sounds Stealth Sound Bars have this feature and should be used in this way.

“DC OFFSET” Setting senses voltage change when the source unit is powered on and off. This setting does not depend on music. This setting should be used if the **“AUDIO”** setting does not properly turn on the ST series Subwoofer.

“AUDIO” Setting senses a music signal to turn on the amplifier built in to the ST series subwoofer. This setting is recommended for earlier model Wet Sounds Stealth Sound Bars. Please note – if the source unit is powered ON, but at “0” volume, the ST series subwoofer will likely not turn on until the volume is increased.

2 - The Gain Adjustment controls the sensitivity of the amplifier built in to the ST series subwoofer. It has been included to allow adjustment to match the output of any source unit to the input of the amplifier. Gain controls are one of the most misunderstood adjustments. By rotating the control in the clockwise direction, the amplifier’s input will become more sensitive and the subwoofer output will increase.

To determine if the amplifier’s gain control is set properly, turn the system on and slowly increase the volume control on the source unit. Usually about $\frac{3}{4}$ volume can be reached before the system gets loud without distortion. It is very important to not overdrive the subwoofer to the point of distortion, which will cause permanent damage to the subwoofer. If $\frac{3}{4}$ volume without distortion is not possible, the gain should be reduced (by decreasing the gain adjustment). Gain adjustments should be done very slowly and carefully. The Remote Level Control should be unplugged while the gain is adjusted, then plugged in after final adjustments are made. The Remote Level Control will only decrease the output of the amplifier and will not affect the gain control setting.

ADJUSTING THE X-OVER, BASS BOOST AND PHASE

3 - The Variable Crossover Network allows adjustment of the frequency range that the amplifier sends to the subwoofer. This should be adjusted to fall slightly above the lowest frequency that the full range speaker/s in the system can reproduce.

4 - The Variable Bass Boost allows the selection of the amount of bass boost – centered at 45Hz - that is desired in the system. There is no specified setting for this. It is suggested to be set by the listener's preference.

5 - The Phase Control can be used to adjust the output of the subwoofer depending on location. This adjustment can be made by ear to determine which setting is preferred.

*After all the above setting are complete,
THE WATERPROOF COVER SHOULD BE REATTACHED AND LEFT IN PLACE.
These settings should not require changing under normal
use and should be considered "set and leave" controls.*

The components in **Stealth Series Subwoofers** are designed for maximum performance as complete units. Substitution of any other amplifier or subwoofer is **NOT recommended and WILL VOID The WARRANTY!**

SPECIFICATIONS

Max Output Power		AS-10: 500 Watts @ < 0.2% THD AS-6: 250 Watts @ < 0.2% THD
Frequency Response		20 Hz – 250 Hz
Battery Voltage Range		10.5 VDC – 16 VDC
Variable Low Pass Crossover		50 Hz – 200Hz
Variable Bass Boost		0-12 dB @ 45 Hz
Fuse size		1 x 30 A
Size	AS-10	14.75"w (base) x 12.75"h x 11.5"d
	AS-6	8.75"w x 8.5"h x 9.25"d
Weight	AS-10	22.4 Lbs
	AS-6	16.6 Lbs

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What This Warranty Covers

This is a “limited” warranty. This warranty covers any defect in materials and workmanship. This warranty only covers the original purchaser and is not transferable. This warranty is also only valid if the original purchase was made from an authorized Wet Sounds™ dealer.

How Long Coverage Lasts

This warranty extends for 2 years from the date of purchase. It is recommended to REGISTER your warranty online within 45 days of purchase at www.wetsounds.com – click on “warranty registration”.

What Is Not Covered

This warranty does not cover fading or discoloration caused by exposure to sunlight or chemicals such as ammonia, household bleach, or any cleaning material that contains abrasive substances. Wet Sounds, Inc. does not cover the expense for removal or re-installation. Additionally, shipping TO Wet Sounds, Inc. must be paid for by the purchaser. This warranty is void and inapplicable if Wet Sounds deems that the product was abused or misused; including but not limited to damage caused by accident, mishandling, improper installation, removing the inline fuse on the power connection, negligence, normal; wear and tear, excessive water or heat damage, freight/shipping damage, or products that have been disassembled by anyone other than Wet Sounds technical staff. Wet Sounds will not be responsible for any incidental or consequential damages, except to the extent provided (or prohibited) by applicable law. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

What Wet Sounds, Inc. Will Do

Wet Sounds, Inc. will repair any part of your product that proves to be defective in materials or workmanship. In the event repair is not possible, Wet Sounds will replace the product in question. If it is deemed necessary Wet Sounds, Inc. will either replace the entire product with a refurbished unit or it will be replaced with a model that is similar in price is that model is no

longer available. Labor costs and materials needed to complete this service will be at No Charge to the purchaser. Additionally, return shipping FROM Wet Sounds, Inc. to the purchaser will be paid for by Wet Sounds.

How To Get Service

Contact Wet Sounds, Inc. either by phone (877-938-7757) or by email (warranty@wetsounds.com). A service representative will assist you in confirming that the problem you are experiencing is caused by a defective product and if that product is covered under warranty. The service representative will issue you a Return Manufacturer's Authorization (RMA) and other details to obtain service for your product.

**DO NOT RETURN YOUR PRODUCT WITHOUT THE PROPER
RETURN AUTHORIZATION (RMA)!**

Internet Warning

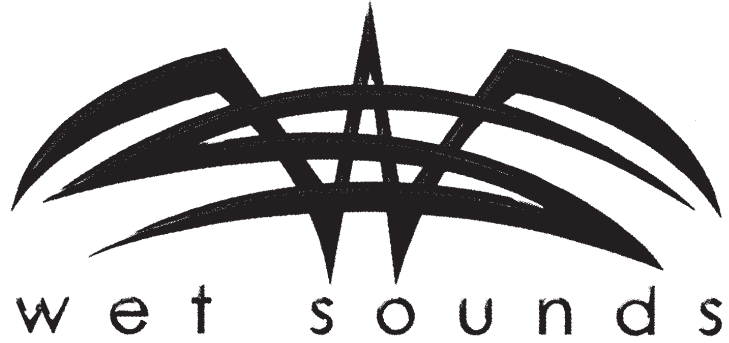
Wet Sounds, Inc. products sold on any non-authorized web site or internet auction site are void of any and all manufacturer's warranty. Please contact Wet Sounds (877-938-7757) or visit our web site (www.wetsounds.com) for a list of authorized online sellers or to find an authorized installing retailer near you.

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PROUDLY
DESIGNED
IN THE
USA

STEALTH AS-6 BREAK-IN

PROCEDURE

As with any High Performance small enclosure subwoofer, the driver used in the Wet Sounds STEALTH AS-6 will benefit greatly from a proper break-in period.

It is recommended that the AS-6 be played at moderate volume levels using normal music material for 6-8 hours before high-output demands are placed on the product.

Proper break in will result in better sound, and longer life for the driver used in the AS-6.

If you have any questions, please feel free to contact us at www.wetsounds.com