

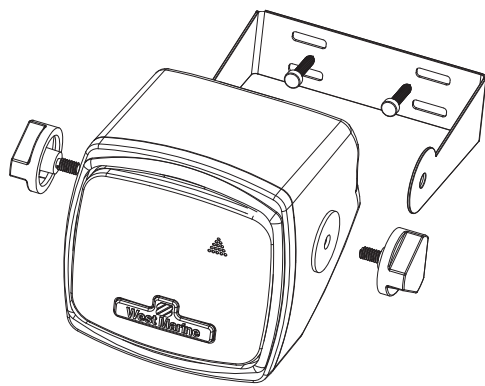
Owner's Manual Speakers



3" Full Range Stereo Speakers Model 18006650

Guidelines

- Make sure all moving parts and factory electrical wires are out of your way and will not interfere after installation.
- Leave a little slack in the wire to prevent pulling or stretching.
- Use adhesive-backed tie downs and wire clamps to prevent the wires from getting caught or shorted.
- Correct speaker polarity must be observed. The polarity positive side is marked by a (+) sign or red. Speaker that is out-of-phase will have little bass output.
- Speaker wire should be isolated from the vessel's electrical system to avoid noise being picked up by the receiver or amplifier.
- Speaker wire should be large enough to carry the full power of your amplifier. 14-gauge or larger sizes are adequate.
- Be sure to give your ears consideration. Listening to loud music for extended periods can possibly damage your hearing.



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Introduction

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The Model 18006650 speakers are designed as multi-purpose speaker and will deliver accurate high fidelity sound in exterior or interior environments. Weather-resistant design and construction provide optimum durability for permanent or temporary outdoor use.

Safety

The CAUTION symbol is intended to alert the user to the presence of important instructions. Failure to heed the instructions can result in injury or damage.

To prevent injury and damage to the unit, please read and follow the instructions in this manual.

If you feel unsure about installing this system yourself, have it installed by a qualified audio technician.

For Your Records

Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

You must have proof of purchase to receive warranty service. Please keep your original sales receipt and be prepared to provide this receipt in the event you require service, as your original receipt is considered the best proof of purchase and indicates the date you purchased your West Marine product.

Model: _____

Dealer Name: _____

Dealer Phone: _____

Purchase Date: _____

Note: You may want to keep your original sales receipt or a photo copy with this installation/owner's manual.

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Installation

The installation instructions included here are basic. If you feel unsure about personally installing the speaker system, consider installation by a qualified sound technician.

Before installation, please consider the following guidelines:

1. Be sure to carefully read and understand the instructions before beginning the installation.
2. For safety, disconnect the negative lead from the battery prior to beginning the installation.
3. For easier assembly, we recommend that if additional wiring is required, run all wired prior to mounting your speakers in place.
4. Use the highest quality connectors for reliable installation and to minimize signal or power loss.
5. Use caution before you drill or cut! Be careful not to cut or drill into gas tanks, fuel lines, hydraulic lines, vacuum lines or electrical wiring when working on any vessel.
6. Never run speaker wires underneath or on the exterior of your vessel. Running speaker wires inside provides the best protection from environmental elements.
7. Avoid running wires over, near or through sharp-edges surfaces. We suggest you also use rubber grommets to protect any wires routed through metal or fiberglass.
8. When running the speaker cable from the receiver or amplifier, avoid running it near sources of high current (i.e. wiring harnesses, battery cables).
9. The positive (+) speaker output from the receiver or amp connects to the red terminal on the enclosure, and the negative (-) connects to the black terminal.

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Specifications

Frequency Response	150 Hz-10kHz
Woofer	73mm with polypropylene cone
Sensitivity	82 dB
Nominal Impedance	4 ohms
Power Handling*	10 watts RMS - 40 watts peak (per pair)
Dimensions (Inches)	4"x 3 3/4" x 4" (H x W x D)

* Power handling is based on amplifier volume never being set above the point of audible distortion.

Troubleshooting

If you hear obvious distortion from the speakers, immediately lower the volume level of your receiver. Those sounds often indicate that either the receiver or the speaker is being overdriven, and damage can result in playing your source material (music-CDs-DVD-MP3) at high volume levels for prolonged periods of time. You should also avoid turning the bass or treble controls fully up and using your "Loudness button" when the volume level is at or above normal listening levels. Note: The Loudness button on most receivers is designed to add depth when your system is being used for background music or at very low volume.

Distorted or unnatural sound can indicate poor connections, defective electronics, damaged source material or speaker failure. If only one of your speakers has poor sound quality, check the speaker wire and audio connections. If that doesn't fix the problem, try putting each speaker in place of one another (swapping). If the sound remains poor on the suspect speaker after swapping location and the distortion moves with the speaker to the new location, the speaker may be the problem. If the distortion remains in the original location then the problem is elsewhere in your audio/video system.

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West Marine Limited Warranty

What Does This Limited Warranty Cover?

West Marine warrants to the original retail purchaser of the West Marine product, where the purchase is made in the United States, that the product will be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

How Long Does This Limited Warranty Last?

This limited warranty is valid for twelve (12) months from the date of the original retail purchase from West Marine within the United States (the "Limited Warranty Term").

The warranty period is not extended if we repair or replace a warranted product or any parts. West Marine reserves the right to change the availability of limited warranties, at its discretion, but any changes will not be retroactive and will only apply to subsequent purchases.

What Does This Limited Warranty Not Cover?

This limited warranty does not cover:

- Software.
- Commercial or industrial use or operation.
- Normal maintenance items or normal wear and tear.
- Problems resulting from fire or submergence in water or other liquids.
- If the product was damaged, modified or altered by you.
- If the product was used as part of any conversion kits, subassemblies, or any configurations not appropriate or contemplated for this product or its use.
- If damage or loss occurring during return shipment of the product to West Marine or its authorized service representative.
- If the product was subject to improper service, repair, installation, storage, maintenance, alteration or application.
- Problems that result from accident, neglect, abuse, misuse or issues with electrical power.
- Problems caused by accessories, parts or components added to the product that are not appropriate for this product or its use.

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West Marine Limited Warranty

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE (OR JURISDICTION TO JURISDICTION). WEST MARINE'S RESPONSIBILITY FOR MALFUNCTIONS AND DEFECTS IN HARDWARE IS LIMITED TO REPAIR OR REPLACEMENT AS SET FORTH IN THIS WARRANTY STATEMENT. ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN TIME TO THE LIMITED WARRANTY TERM (AS SPECIFIED ABOVE). NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE LIMITED WARRANTY TERM HAS EXPIRED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

WE DO NOT ACCEPT LIABILITY BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY OR FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, ANY LIABILITY FOR THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES, FOR PRODUCTS NOT BEING AVAILABLE FOR USE, FOR PERSONAL INJURY AND/OR FOR LOST PROPERTY, DATA OR SOFTWARE. OUR LIABILITY AND THE MAXIMUM AMOUNT FOR WHICH WE ARE RESPONSIBLE WILL BE NO MORE THAN THE AMOUNT YOU PAID FOR THE PRODUCT THAT IS THE SUBJECT OF A CLAIM. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

What Must I Do To Keep the Warranty in Effect?

- You must keep your receipt or other appropriate documentation as proof of the date of sale and purchase.
- You must keep your serial number or order number for the product. This is found on the product itself or on your receipt.
- You must not do any of the things that will make the warranty invalid as provided for in this warranty statement.
- You must use, install, maintain and operate the product in accordance with published specifications and the user's manual.

What Do I Do If I Need Warranty Service?

- Before the warranty expires, please call us at 1-800-BOATING. Please also have your West Marine serial number or order number available.
- When you contact us, we will issue a Return Material Authorization Number for you to include with your return. We will also provide you the address of where to ship the product.
- You must return the product to us in its original or equivalent packaging, prepay shipping charges, and insure the shipment or accept the risk if the product is lost or damaged in shipment.

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West Marine Limited Warranty

What Will West Marine Do?

During the Limited Warranty Term, if the product you return to us proves to be defective in materials or workmanship and not for the reasons which would otherwise disqualify it (as explained above), we will:

- Repair the product or, if we are unable to repair it, replace it with a comparable product that is new or refurbished;
- Or, as an alternative, at West Marine's option, we will refund you the original purchase price;
- If we repair or replace the product, we will return the repaired or replacement product to you; and
- Pay to ship the repaired or replacement product to you if you use an address in the United States (excluding Puerto Rico and U.S. possessions and territories). Otherwise, we will ship the product to you freight collect.

If we determine that the problem is not covered under this warranty, we will notify you of this when we return your product to you to the address you provide us in the United States (excluding Puerto Rico and U.S. possessions and territories).

We use new and refurbished parts made by various manufacturers in performing warranty repairs and in building replacement parts and systems. Refurbished parts and systems are parts or systems that have been returned to West Marine, some of which were never used by a customer. Replacement parts and systems are covered for the remaining time left in the Limited Warranty Term for the product you bought. West Marine owns all parts removed from repaired products.

Maintenance is the Owner's Responsibility

Cleaning, polishing, lubricating, replacing filters, tuning, replacing worn parts, using your purchased product according to the user's manual, and regularly maintaining your purchased product is your responsibility.

What if I purchased a Plus Protection Plan?

Service will be provided to you under the terms of the Plus Protection Plan contract. Please refer to that contract for details on how to obtain service.

How State Law Relates to the Warranty

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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