

JOBE ADDICT

BULLET SPEAKERS INSTALLATION GUIDE



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NOTES ON INSTALLING AND USING YOUR NEW BULLET SPEAKERS

- ◆ For best performance, provide 100W-RMS at 4 Ohm to each speaker.
 - ◆ Regularly check all hardware to make sure it is tight.
 - ◆ Although the speakers are weather resistant and designed for outdoor use, do not spray directly into the grill with high-pressure water.
 - ◆ Handle the speakers with care as the aluminum enclosures can be damaged if dropped. Please contact a marine wiring specialist if you need assistance.
- We have provided the most complete information we have found within this document.

Wiring Instructions and Amplifier Considerations

We recommend you use 16 to 18 gage wiring between the speakers and amplifier. Consult your tower installation manual or provider for instructions on running wire inside your tower. We recommend covering the wiring with 3/8" or 1/2" wiring loom and electrical tape as shown for a professional, watertight appearance.

The most common way to wire a boat with tower speakers is with the front speaker or front pre-amp outputs of the stereo driving all speakers in the boat. The rear speaker or rear preamp outputs are then used for the tower speakers. This allows the fader to control the volume from inside to behind the boat. A four-channel amplifier in the boat is typical with two channels driving the boat speakers and two channels driving the tower speakers. The next level is to have separate amplifiers for the boat and for the tower speakers. We recommend supplying 100 RMS at 4 Ohms to each speaker. The peak power of an amplifier is what is advertised, but is also often misleading. The RMS at a specific Ohm Load is the real working power of the amplifier. It is generally agreed by audiophiles that supplying too much power to speakers is far better than under powering the speakers. If there is too much power the signal "clips off" and the speakers let you know with no damage. With too little power, you send lots of distortion to the speaker, which causes speaker damage. It's far better to "over amp" the speakers and not turn it up all the way than "under amp" them and send up damaging distortion. Most amps have a Bass boost or filter that you can use to remove or add Bass. Turn this off or put on the lowest setting to remove as much Bass as possible to the tower speakers. If your amp has a High Pass Filter turn it to the highest frequency that sounds good to filter out as much Bass as possible. The Bass uses the majority of the amplifier power with sound that will not reach the rider. Mostly high frequency and upper mid-Bass will be audible at 65'-80' behind the boat over engine, water and wind noise.

Running Wires Through The Tower

The following is specific to running wires on a Addict Tower, otherwise consult your tower installation manual or provider for instructions on running wire inside your tower.

When you add speakers or lights to your Addict Tower, you can hide the wires inside of the legs of the tower as well as in the straight cross bar of the top section. Most of our Addict towers are already pre drilled. If not you have to drill a hole yourself. Since the mating parts insert 0,5" inside each end of the rear leg you can drill 1" away from the weld lines. The hole size will depend on what size wire you are running and how many items you need to wire. The maximum hole size we recommend is 0,5" but normally smaller is all that is needed.

Care and Maintenance

- I. Be sure to check and tighten all fasteners and connections prior to every use.
- II. Be cautious when towing or driving under obstacles, low hanging structures or trees with your towers on.
- III. Use soap and water or general cleaners to clean. Avoid abrasive materials that might scratch the finish.
- IV. Always rinse speakers after contact with salt (brackish) water.

JOBE Addict Bullet Speakers Warranty

Jobe Sports Europe warrants this product (not including other 3rd party accessories) against manufacturers defects. Anodizing and powder coated surfaces as well as all hardware corrosion are specifically excluded as their care and use cannot be controlled by Jobe Sports Europe. Any modifications or improper use shall void this warranty. Jobe Sports Europe is not responsible for personal injury or damage to the boat caused by the use of this tower. JOBE's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect or consequential damages resulting from delay or improper installation. No dealer, retailer or manufacturer is the agent of Jobe Sports Europe and may not assume for Jobe Sports Europe any liability in connection with this warranty. This warranty is in lieu of all.

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