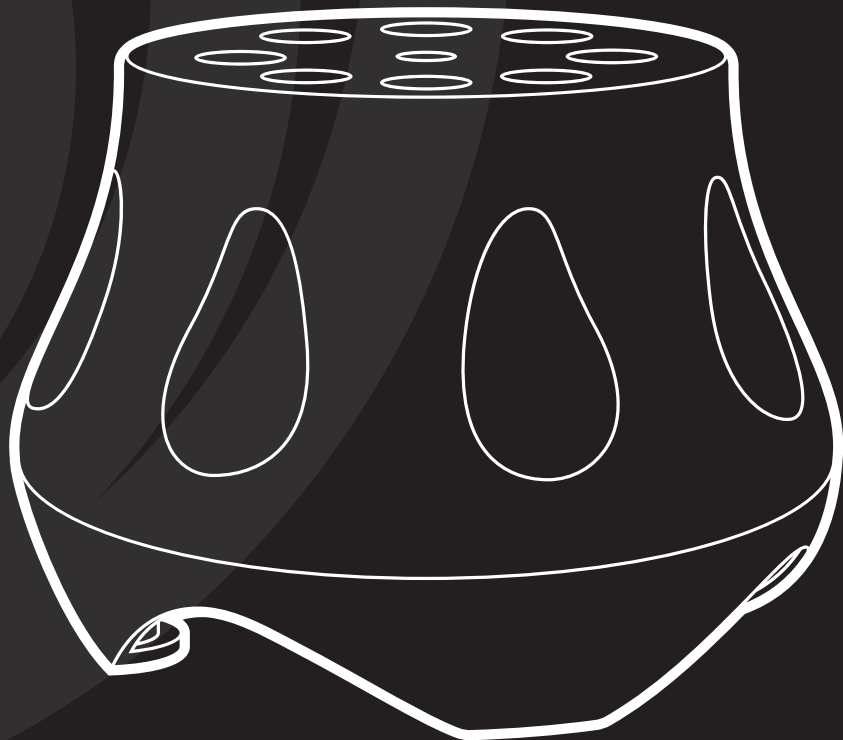




10" IP66 INDOOR/OUTDOOR 150W SUBWOOFER BLACK

Model: IOSUB User Manual



Thank you for purchasing the Dayton Audio IOSUB Indoor/Outdoor Subwoofer. This subwoofer is the perfect choice for adding bass to an outdoor area such as a patio, pool, garden, and more. The IOSUB features weather-resistant construction, high-quality components and exclusive acoustic tuning by Dayton Audio for outstanding performance.

Features

- Robust high excursion polypropylene woofer with stitched rubber surround
- IP66 Weather-resistant composite enclosure

Please read these instructions completely before you begin your installation.

1. Parts Inventory

- IOSUB
- Security eyebolt
- Wire nuts x 2
- Mounting screws x 2
- Manual

2. Recommended Installation Tools

- #2 Phillips screwdriver
- Wire cutters & wire stripper/crimp tool
- Drill and bits

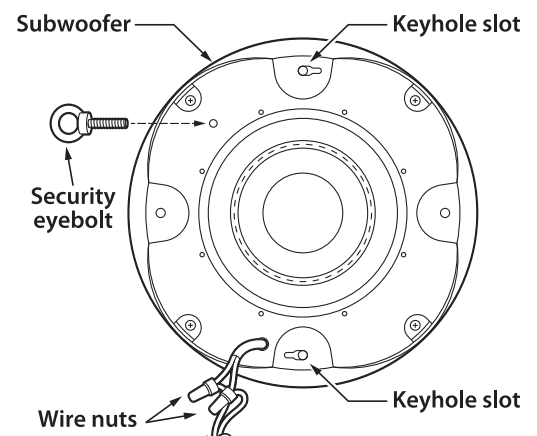
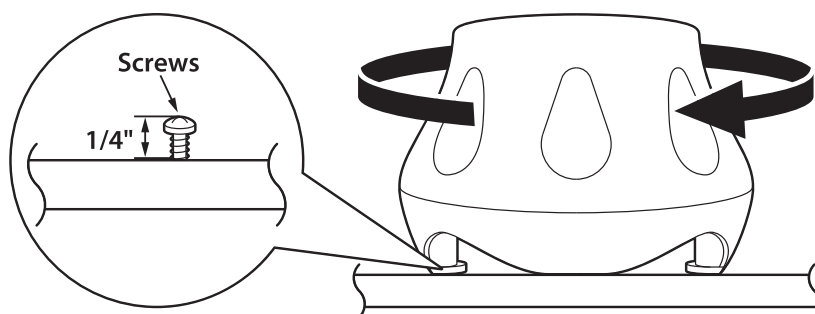
3. Subwoofer Location

The subwoofer fires downward and is omnidirectional, its placement is less critical than full-range speakers. For the best results, place the subwoofer near a wall and near the full-range speakers if possible. It is recommended that the subwoofer be within 10-15 feet of the full-range speakers. It can also be placed under a deck or behind bushes if you prefer a stealthy install.

4. Subwoofer Installation

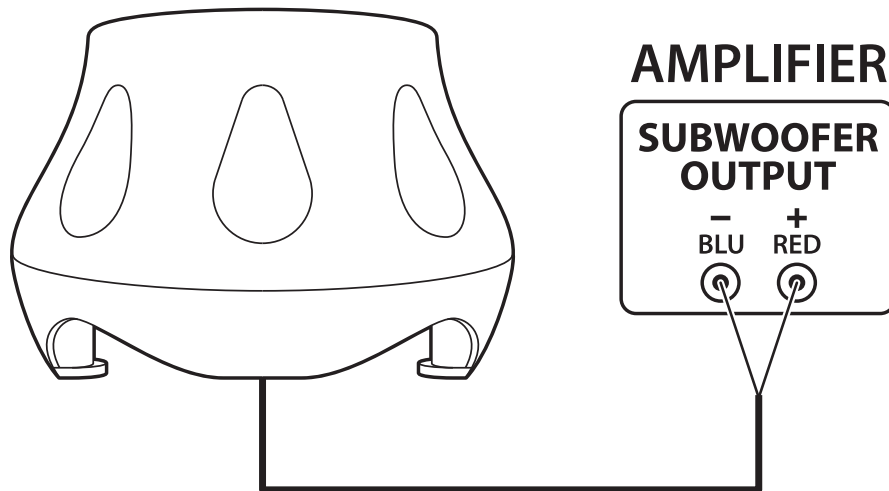
Once you have selected the location for your subwoofer, you are ready to start the install. Run 12-14 gauge 2-conductor outdoor-rated speaker wire from your amplifier to the location you have chosen for your subwoofer. It will need to be buried or suspended so make sure you mark where it is in the ground for future reference. Your subwoofer is designed to sit flat on all four of its legs. If mounting on a deck or patio it can be fastened down by using the two key-hole slots in the bottom feet. To do this, simply measure the center to center distance between the key-hole slots and install two mounting screws into the deck or patio, leaving $\frac{1}{4}$ " of the screw exposed. Place the subwoofer feet on the screws and rotate clockwise until the subwoofer is locked into the screw heads. For installation in a garden or flower bed, place the subwoofer on a flat level surface. It is recommended to place the subwoofer on pavers to prevent debris, mulch and weeds from gathering under the subwoofer as foreign objects can cause poor performance and could damage the subwoofer.

Note: For anti-theft security and permanent placement, the IOSUB has a built-in eyebolt that enables you to anchor it to its location.



5. Wiring Your Subwoofer

Once you have you have installed your subwoofer you are ready to connect it to your amplifier. Strip the wire outer jackets back about 2" and strip each conductor back about ¼" to bare wire. Slide the red (+) wires from the subwoofer and the amplifier into the included wire nut connector and twist to tighten. Repeat this for the blue (-) wires then secure or bury the speaker cable to finish your installation.



6. Tuning Your Subwoofer

Once you have finished installing your subwoofer you are ready to fine tune the sub for the desired sound. This subwoofer is designed to be powered with a low frequency subwoofer amplifier. It can also be powered by any amplifier that has a powered subwoofer output and is stable to 4 ohms.

Getting your subwoofer to blend into the rest of your system is as simple as playing familiar music and adjusting the frequency and volume knobs on your subwoofer amplifier until it sounds the way you like. In most cases, the recommended crossover frequency for a subwoofer is between 80-120Hz. Increase the volume until you hear the subwoofer blend with the main speakers.

7. Caring For Your Subwoofer

Outdoor speakers and subwoofers are designed to withstand outdoor environments, including incidental exposure to water. They are not designed to be washed using a pressure washer or hose nozzle. If debris accumulates on the housing of the speaker, use a damp sponge or cloth to remove it.

Specifications

Model number:.....IOSUB
Description:.....10" indoor/outdoor subwoofer
Woofers:10" polypropylene cone
Frequency response:.....50-300 Hz
Impedance:.....4 ohms
Power handling (RMS/Peak):150/300W
SPL:.....86 dB, 2.83V/1m
Dimensions:.....12.2" x 16.5" x 16.5"
Color:Black
Weight:24.1 lbs
Ingress protection rating:IP66

5-Year Limited Warranty

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