



# **IOSUBP**

Product Manual

# Welcome

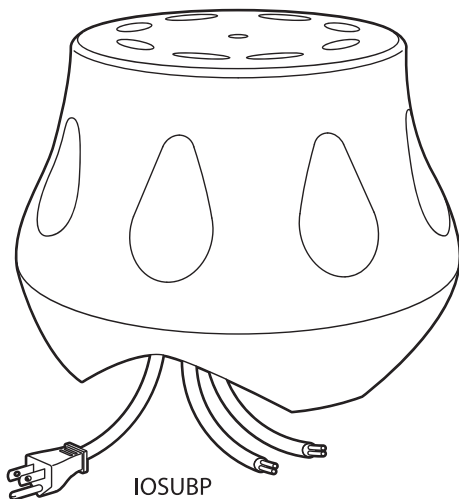
Thank you for choosing the Dayton Audio IOSUBP, an outdoor powered subwoofer with bluetooth input and stereo speaker outputs. Designed with durability and performance in mind, this subwoofer delivers rich, immersive bass to elevate any outdoor space, and will power most outdoor stereo speakers. Whether you're enjoying your favorite music, streaming movies, or setting the mood for a gathering, the IOSUBP ensures every note is clear and vibrant.

Built for the elements, the IP66-rated enclosure provides outstanding weatherproof protection; making it perfect for year-round use. With a built-in amplifier and hassle-free Bluetooth connectivity, setting up is as easy as plugging in, pairing, and pressing play.

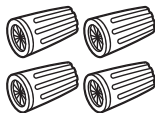
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## What's In The Box



This Manual



4x Silicone  
Wire Nuts

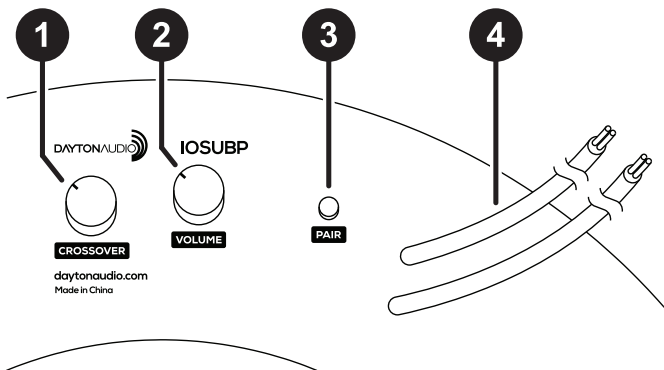
## Unpacking

Please unpack the subwoofer and carefully examine it for any potential damage that may have occurred during shipping. If damage is discovered, it is important to inform the shipping company promptly.

While Dayton Audio is available and willing to assist as necessary, only the recipient can initiate a claim for any shipping-related damage. If the product shows visible signs of damage upon arrival, be sure to retain the shipping carton for the shipper's inspection.

It is strongly advised to keep all packing materials, as they may be useful in the future event the subwoofer needs to be transported or stored. Never attempt to ship the subwoofer without the original factory carton and the accompanying packing materials.

## Panels and Controls

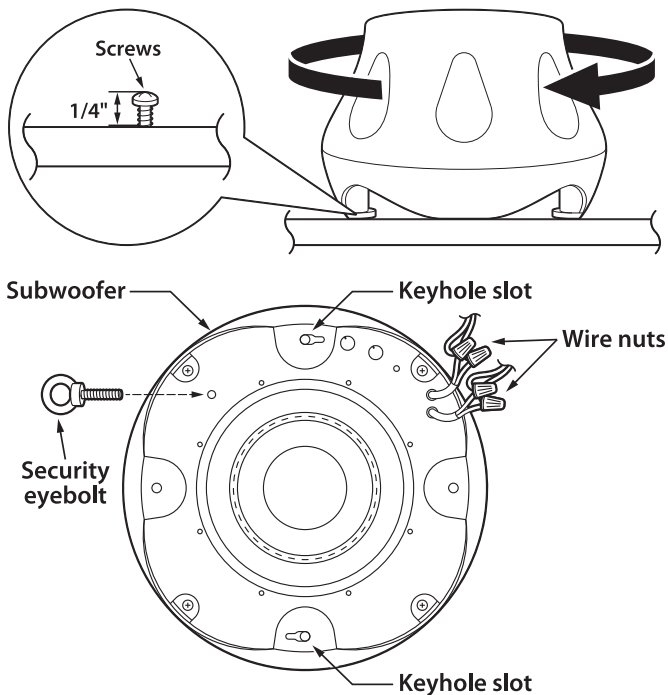


- 1. Low Pass Crossover** - Controls the high frequency cutoff point for the subwoofer. (p.3)
- 2. Subwoofer Volume** - Controls the volume of the subwoofer. This will not control the volume of the connected speakers.(p.3)
- 3. Bluetooth Pair Button** (p.6)
- 4. Speaker Output Wires** - Using insulated 2 conductor wire, connect to passive speakers. (p.5)

## System Tuning

The volume and crossover knobs only control the output of the subwoofer and have no effect on the speaker outputs. Adjust the crossover frequency to achieve a smooth transition from the subwoofer to the connected speakers. This is usually between 80-110 Hz. Then adjust the volume so the subwoofer matches the output of the speakers.

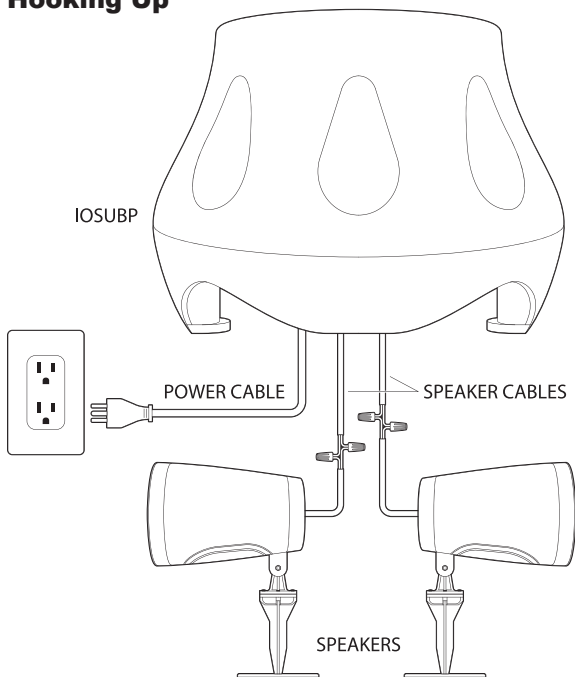
## Installation



The IOSUBP fires downward and is omnidirectional. Its placement is less critical than full-range speakers. For the best results it is recommended that the subwoofer be within 10-15 feet of the full-range speakers.

The IOSUBP can be secured to a deck or patio using the two keyhole slots on the bottom of the feet.

## Hooking Up



### Connecting Speakers

IOSUBP comes with silicone filled wire nuts. This will protect the electronic connections from moisture and corrosion.

Using high quality two conductor speaker wire connect your speakers to the speaker output wires of the IOSUBP. Ensure proper polarity; connecting the speakers positive (+) terminal to the white conductor and the negative (-) to the black conductor.

## Connecting to Bluetooth

1. The system will automatically enter pairing mode when powered on. If available, the system will connect to the last known device.
2. Using a smartphone, tablet, computer, or other device capable of transmitting Bluetooth audio, go to the device's settings and scan for available Bluetooth devices.
3. Look for and select "DA IOSUBP" in the device list and begin pairing. The Bluetooth source light on the rear of the speaker will flash until a device is paired.
4. Once the Bluetooth source light stops flashing and the device indicates that it is connected, begin streaming your favorite music from up to 30 feet away.

## Disconnecting from Bluetooth

To unpair or disconnect from Bluetooth press and hold the "pair" button on the bottom of the subwoofer, or disconnect from the Bluetooth device itself. The IOSUBP will be findable for 25 seconds. To reestablish Bluetooth pairing mode, simply press the 'pair' button on the bottom of the subwoofer, or power cycle the system altogether.

## Care and Maintenance

Outdoor speakers are designed to withstand outdoor environments, including incidental water exposure. Dirt and debris can be cleaned off with a garden hose sprayer, and excessive buildup can be removed with a damp sponge or cloth.



Avoid using pressure washing machines on the speakers. Improper use could damage subwoofer.



Avoid leaving the speakers plugged in for long periods of time when not in use.

# Troubleshooting

| Problem                         | Cause                                     | Solution                                                                                                                                                |
|---------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| The speakers fail to turn on    | The power cable is not properly connected | Check to make sure the power cable or any extension cables are connected properly.                                                                      |
|                                 | Power outlet not working                  | Verify that the power outlet being used is supplying power by checking any switches, GFCI, or circuit breakers.                                         |
| Low or no sound                 | The volume is turned down or muted        | Turn the volume up to disable mute.                                                                                                                     |
| Unable to connect to Bluetooth  | Another device is already connected       | Disconnect other devices by pressing and holding the pair button on the bottom of the subwoofer. (p.6)                                                  |
|                                 | Subwoofer is too far away                 | Move closer to the subwoofer.                                                                                                                           |
|                                 | Subwoofer not in pairing mode             | Press the pairing button on the bottom of the subwoofer. (p.6)                                                                                          |
| Distorted or intermittent sound | Poor Bluetooth connection                 | Move closer to the subwoofer, or remove any obstruction to the subwoofer. Bluetooth signals can become very weak when traveling through exterior walls. |
|                                 | Potential damage to the subwoofer         | Please contact Dayton Audio customer support for additional assistance.                                                                                 |

## Specifications

|                           |                                             |
|---------------------------|---------------------------------------------|
| Frequency Response        | 40 - 300 Hz                                 |
| Power Output              | 100W max (80W RMS)                          |
| Transducer                | 10" Polypropylene Cone with Rubber Surround |
| System Format             | Powered Subwoofer                           |
| Bluetooth                 | Version 5.3                                 |
| <b>General</b>            |                                             |
| Power Requirement         | 100-240 VAC / 50-60 Hz                      |
| Amplification             | Class D                                     |
| Dimensions<br>D x H       | 16-7/8 x 11-3/4 in.<br>(428 x 300 mm)       |
| Ingress Protection Rating | IP66                                        |

All specifications are accurate at the time of printing.  
Dayton Audio reserves the right to make improvements without notice.

1. Read these instructions.
  2. Follow these instructions.
  3. Comply with all warnings.
  4. Follow all instructions.
  5. Do not use this device near water.
  6. Use only a dry cloth for cleaning.
  7. Do not block the ventilation holes.
- Install according to the manufacturer's instructions.
8. Do not install it near heat sources such as radiators, sockets, stoves, or other devices that generate heat (including amplifiers).
  9. Do not bypass the safety device of the polarized plug. The polarized plug has two blades, one not wider than the other. Providing large blades is for our safety. If the provided plug is not suitable for your socket, please consult an electrician to replace the outdated socket.
  10. Protect the power cord, especially the plug, socket, and point of removal from the device, to prevent stepping on or pinching the power cord.
  11. Use only accessories specified by the manufacturer.
  12. Remove this device during thunderstorms or prolonged periods of inactivity.
  13. Repairs and maintenance shall be carried out by qualified service personnel. When the device is damaged by any of the following types, it must be repaired: power cord or plug damage, liquid overflow or falling into the device, device exposure to rainwater or moisture, malfunction or falling.
  14. Bare fire sources, such as illuminated candles, should not be placed on the device.
  15. Warning: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device shall not be exposed to dripping or splashing, and objects filled with liquid, such as vases, shall not be placed on the device.
  16. Warning: The main plug/device coupler is used as a disconnecting device, and the disconnecting device should be kept operable at any time.
  17. Properly handle this product. This mark indicates that the product should not be disposed of together with other household waste across the European Union. In order to prevent potential harm to the environment or human health caused by uncontrolled waste disposal, responsible recycling of waste should be carried out to promote the sustainable reuse of material resources. To return the product, please use the return and payment system or contact the retailer who purchased the product. They can use this product for environmentally safe recycling.
  18. The equipment should be used at a maximum ambient temperature of 40 degrees Celsius.
  19. The product must be used on an open workbench.



#### FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(a) This device may not cause harmful interference. (b) This device must accept any interference received, including interference that may cause undesired operation.

**NOTE 1:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**NOTE 2:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

#### 5-Year Limited Warranty

See [daytonaudio.com](http://daytonaudio.com) for details



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