

# Indoor/Outdoor

IO-SP5

**Congratulations!** You have purchased a high quality stereo loudspeaker. When matched to comparable electronic equipment, expect years of quality high fidelity sound. Our belief is that music matters and we are focused on delivering superlative music reproduction everywhere in your home.

The following manual is designed to give you, the installer or owner, basic information as to the speaker's installation and operation. It is beyond the scope of this manual to go into all the details that must be taken into consideration in a sophisticated high fidelity system. When installing the wiring and speakers it is important to adhere to all local codes and regulations. Consulting a professional can help to maximize your system's performance.

If you have any questions regarding this speaker which are not answered by this manual, contact your local dealer for assistance. For the most current information please visit [www.ditopro.com](http://www.ditopro.com).

The IO-SP5 is an indoor/outdoor speaker capable of 8 ohm or 70V loads designed to provide flexibility in different install environments. The durable all weather enclosure is matched with a acoustically tuned 5" woofer and 1" tweeter filling any indoor or outdoor zone with full and rich sound. Hang them from the ceiling as pendant speakers, mount them on any surface or tree, or simply stake them in your garden creating your personal concert hall. Adding 70v settings allows for ultimate flexibility in commercial applications, with an input and output loop directly on the speaker, daisy chaining never got easier.

## SPEAKER PLACEMENT

- If you desire music over a wide area, it is best to have a larger number of speakers playing at low volume, rather than a few speakers playing at high volume. Keep this in mind when designing your outdoor system.

- Ideally, you should place the speakers as close to the primary listening area as possible. The perceived volume of the speaker decreases rapidly as it is moved further from the listener.

- Direct burial wire or conduit for new yard construction must be run to the location of the speakers. Keep in mind that patios, walls and other features in your yard may be difficult to get around when wiring.

## CONNECTING THE SPEAKERS

1. The 4-pin Euroblock plug allows for speaker wire input as well as speaker wire output to easily daisy chain-speakers in 70v applications.

2. Determine the locations for the speakers and estimate the length of additional wire you will need for each speaker.

NOTE: WHEN PURCHASING ADDITIONAL WIRE, DITOPRO STRONGLY RECOMMENDS USING DIRECT BURIAL GRADE WIRE.

3. Dig a 4" – 5" deep trench to run the speaker wires in.

4. Run the wire through the trench from your amplifier to the speaker locations. Do not connect the wires to the amplifier at this time.

5. Connect the speaker wires you ran from your amplifier to the wires that came attached to the speakers. *ditoPRO* recommends using waterproof wire nuts (not included) to secure the wires.

IMPORTANT: BE SURE NOT TO LET ANY STRAY '+' AND '-' STRANDS TOUCH EACH OTHER. TOUCHING STRANDS CAN CAUSE A SHORT- CIRCUIT THAT COULD DAMAGE YOUR AMPLIFIER

6. After you have made the above connections, connect the wires to your amplifier.

NOTE: CONFIRM THAT YOU HAVE CONNECTED SPEAKER "+" TO AMPLIFIER "+" AND SPEAKER "-" TO AMPLIFIER "-"

7. Turn your amplifier on and test the system with your favorite music. If the speakers are operating properly, refill the wire trench and enjoy your new speakers.

## PENDANT MOUNTING

1. Use a hanging or safety cable and secure over a structural member where the loudspeaker is to hang.
2. Secure other end of cable to Pendant Hook and adjust to desired height.
3. Insert 4-pin Euroblock plug into Euroblock jack on the rear of speaker. connectors are keyed for polarity.
4. Attach Pendant Hook bolt to the rear of speaker and screw tight.
5. Use zip or twist-locks to secure safety cable to speaker wires.

### CAUTION :

*Although they are designed to withstand the elements, there are precautions you should take to optimize the long-term performance of your speakers. Keep soil and wood chips from covering the speaker grill. If soil accumulates on the grill, it can be rinsed away with low water pressure. Chemicals commonly used in the yard can potentially damage the rubber parts of the speaker. Avoid spraying such chemicals onto or near the speaker. Also avoid placing the speakers where the grill area will come in direct contact with sprinklers.*

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PRO

[www.ditopro.com](http://www.ditopro.com)