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› **OSD Audio LS3-PE 3-inch Landscape In-Ground Outdoor Speaker Instruction Manual**

OSD Audio LS3-PE

OSD Audio LS3-PE 3-inch Landscape In-Ground Outdoor Speaker

INSTRUCTION MANUAL

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your OSD Audio LS3-PE 3-inch Landscape In-Ground Outdoor Speakers. These speakers are designed for outdoor use, offering weather resistance and reliable audio performance in various landscape settings.

Important Safety Information

- Read all instructions before installation and use.
- Ensure all wiring connections are secure and properly insulated to prevent electrical hazards and ensure optimal performance.
- Do not attempt to service the speakers yourself. Refer all servicing to qualified personnel.
- Avoid placing speakers in areas where they may be submerged in water. While weather-resistant, prolonged submersion can cause damage.
- Use appropriate wire gauge for the length of your speaker cable runs to prevent signal loss and ensure adequate power delivery.

Package Contents

Verify that all components are present before beginning installation:

- 2 x OSD Audio LS3-PE 3-inch Landscape Speakers
- 2 x Ground Stakes
- 2 x Surface Mount Brackets
- User Manual (this document)

Setup and Installation

1. Speaker Placement

Consider the listening area and desired sound coverage. For optimal stereo imaging, place speakers equidistant from the primary listening area. For broader, more ambient sound, distribute speakers evenly throughout the outdoor space. Avoid placing speakers directly against solid surfaces that might reflect sound excessively.

Image: A pair of OSD Audio LS3-PE speakers, shown with their ground stakes, ready for landscape installation.

2. Mounting Options

Your LS3-PE speakers offer versatile mounting options:

- **In-Ground Installation:** Attach the speaker to the provided ground stake. Push the stake firmly into the soil in your desired location. Ensure the speaker is stable and angled correctly for sound projection.

- **Surface Mount Installation:** Use the included surface mount bracket to attach the speaker to a deck railing, wall, or other flat surface. Secure the bracket using appropriate screws (not included) for the mounting material. Adjust the speaker angle as needed.

Image: Two OSD Audio LS3-PE speakers demonstrating surface mount installation using the included brackets.

Image: Visual representation of flexible installation options for the LS3-PE speakers, including wall mounting and ground staking in a garden.

3. Wiring Connections

The LS3-PE speakers are designed for wired connection to an amplifier or receiver. Each speaker has a positive (+) and negative (-) terminal. Ensure correct polarity when connecting to your amplifier.

- **Speaker Wire:** Use high-quality, outdoor-rated speaker wire. For runs up to 50 feet, 16-gauge wire is typically sufficient. For longer runs, consider 14-gauge or 12-gauge wire to minimize signal loss.
- **Connecting to Speakers:** Strip approximately 1/2 inch of insulation from the ends of your speaker wire. Connect the positive (+) wire (often red or marked) to the positive terminal on the speaker, and the negative (-) wire (often black or unmarked) to the negative terminal. Ensure no stray wire strands are touching.
- **Connecting to Amplifier:** Connect the other end of the speaker wire to the corresponding positive (+) and negative (-) speaker output terminals on your amplifier or receiver.
- **Weather Protection:** For outdoor connections, use waterproof wire connectors or seal connections with silicone sealant or heat-shrink tubing to prevent moisture ingress.

Operating Instructions

1. Ensure all speaker wires are securely connected to both the speakers and your amplifier/receiver.
2. Power on your amplifier/receiver.
3. Select the desired audio source on your amplifier.
4. Start playback at a low volume level and gradually increase to your preferred listening level.
5. Adjust the angle of the speakers as needed to optimize sound direction for your listening area.

While the product specifications mention "Wireless" connectivity, this refers to the potential for the amplifier connected to the speakers to have wireless input capabilities, not that the speakers themselves are

wireless.

Maintenance

- **Cleaning:** Periodically wipe down the speaker enclosures with a soft, damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Seasonal Inspection:** Before and after periods of extreme weather (e.g., heavy rain, snow, prolonged heat), inspect speaker wires and connections for any signs of wear, corrosion, or damage. Ensure mounting hardware remains secure.
- **Weather Resistance:** The LS3-PE speakers are rated IP66 for weather resistance, meaning they are protected against dust ingress and powerful water jets. However, they are not designed for submersion. Ensure proper drainage around in-ground installations.

Image: The LS3-PE speakers are designed to withstand various outdoor weather conditions, including sun and rain.

Troubleshooting

Problem	Possible Cause	Solution
No sound from speakers	Amplifier/receiver not powered on or input not selected. Loose or incorrect speaker wire connections. Volume too low.	Ensure amplifier is on and correct input is selected. Check all speaker wire connections at both the amplifier and speakers for proper polarity and tightness. Increase volume gradually.
Distorted or unclear sound	Amplifier volume too high, causing clipping. Damaged speaker wire. Amplifier not powerful enough for speakers.	Reduce amplifier volume. Inspect speaker wire for cuts or fraying; replace if necessary. Ensure amplifier power output matches speaker requirements (60W max).
Intermittent sound	Loose speaker wire connections. Faulty amplifier channel.	Re-check and secure all speaker wire connections. Test with another speaker or amplifier channel if possible.

Specifications

Feature	Detail
Model Name	LS3
Speaker Type	Outdoor
Recommended Uses	Music, Outdoor
Woofer Diameter	3 Inches
Impedance	8 Ohm
Speaker Maximum Output Power	60 Watts
Is Waterproof	TRUE (IP66 Rated)
Number of Items	2 (Pair)
Color	Bronze
Product Dimensions	13"D x 21"W x 17"H (Packaging)
Item Weight	4 Pounds
Mounting Type	Deck, Ground Mount
UPC	810281016474
Item Model Number	LS3-PE 3
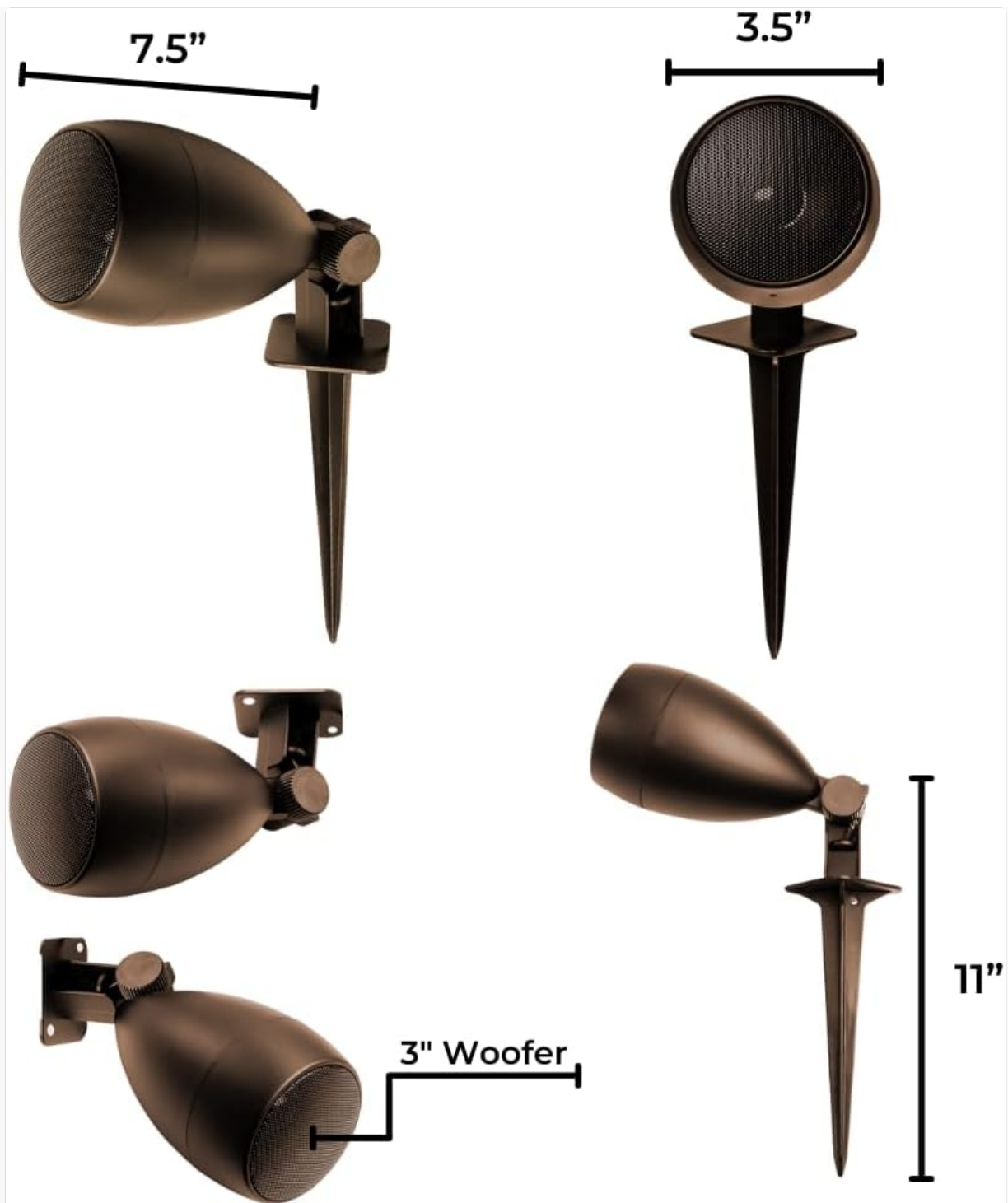
Image: Detailed dimensions of the LS3-PE speaker, highlighting its compact size and 3-inch woofer.
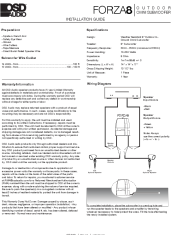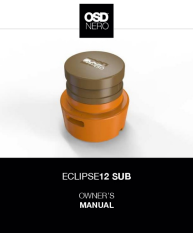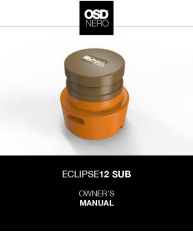
Warranty and Support

For warranty information, technical support, or to view other OSD Audio products, please visit the official OSD Audio website or their Amazon Brand Store:

OSD Audio Amazon Brand Store

Please retain your proof of purchase for any warranty claims.

Related Documents - LS3-PE

	[OSD Black P83 Patio Speaker Installation Guide](#) Detailed installation instructions for the OSD Black P83 8-inch 2-Way Patio Speaker, covering preparation, mounting, wiring, specifications, and warranty information.
	[OSD Forza 8 Outdoor Omni Subwoofer: Installation Guide & Specifications](#) Learn how to install and get the most out of your OSD Forza 8 Outdoor Omni Subwoofer. This guide covers preparation, specifications, wiring, warranty, and installation tips for this weather-resistant 8-inch in-ground subwoofer.
	[OSD Nero Eclipse12 Subwoofer Owner's Manual and Installation Guide](#) Comprehensive guide for the OSD Nero Eclipse12 Subwoofer, covering model specifications, installation instructions, wiring diagrams, and warranty details for outdoor audio systems.
	[OSD Nero Eclipse12 Subwoofer Landscape Light Owner's Manual and Installation Guide](#) Comprehensive owner's manual and installation guide for the OSD Nero Eclipse12 Subwoofer Landscape Light, detailing specifications, wiring, landscape wiring charts, and warranty information for both 70V and 4-ohm models.
	[OSD NERO Eclipse25 Series Outdoor Speaker and LED Light Owner's Manual](#) Comprehensive owner's manual for the OSD NERO Eclipse25 Series outdoor speakers, including models Eclipse25 WM, WMS, WM UD, and Bollard. Covers installation, wiring, model specifications, sample systems, and warranty information.

RM-64T

DRIVER FOR EXPONENTIAL DIFFUSER
MOTOR PARA DIFUSOR EXPONENCIAL
MOTEUR POUR DIFFUSEUR EXPONENTIEL
MOTOR PARA DIFUSOR EXPONENCIAL

QUICK START GUIDE/GUÍA RÁPIDA/
GUIDE DE DÉMARRAGE RAPIDE/GUIA RÁPIDO

FONESTAR

DESCRIPTION/DESCRIPCIÓN/DESCRIPTION/DESCRIÇÃO

EN
- Driver with 100 V line transformer for exponential diffuser
- High power
- Long reach
- Robust and compact construction

ES
- Motor con transformador de línea de 100 V para difusor exponencial
- Gran potencia
- Largo alcance
- Construcción robusta y compacta

FR
- Moteur avec transformateur de ligne 100 V pour diffuseur exponentiel
- Grande puissance
- Longue portée
- Construction robuste et compacte

PT
- Motor com transformador de linha de 100 V para difusor exponencial
- Grande potência
- Longo alcance
- Construção robusta e compacta

[Fonestar RM-64T Driver for Exponential Diffuser - Quick Start Guide](#)

Concise and SEO-optimized HTML document describing the Fonestar RM-64T driver for exponential diffusers. Includes technical specifications, connection example, and product details in English.