

INSTALLATION GUIDE

Amplifier and Receiver Consideration

The omni speaker should be powered by an amplifier or receiver that provides a minimum of 10 watts per channel.

Tools needed for installation

- Spade or trench tool
- Direct burial rated speaker cable
- 16AWG.....100 ft
- 14AWG.....100 - 150 ft
- 12AWG.....150 - 200 ft

Specifications

Design:	All weather high fidelity in ground 360 sound speaker with built-in LED for landscape accent lighting.
LED power:	8-10W
LED input voltage:	DC12V
LED color temperature:	4000K
Tweeter:	1" Mylar Whizzer Cone
Woofer:	8" with a 360 horizontal dispersion pattern
Frequency Response:	42 Hz - 20 kHz
Power Handling:	200W
70V Tap:	20W, 40W, 60W
Impedance:	8 Ohm
Sensitivity:	88 dB
Dimensions: (L x W x H)	14" x 14" x 17"
Gross Shipping Weight:	14 lbs
Warranty:	3 Year

Installation

LED Lighting Considerations

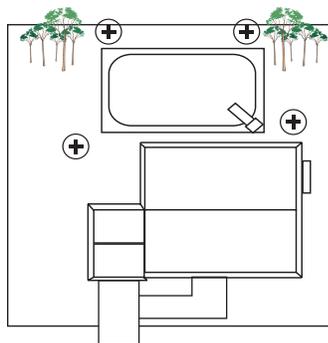
Note: We do not provide the low voltage transformer. The choice of transformer should be decided by the landscape lighting designer or if you are installing yourself can be sourced directly on-line from sites like Amazon.

The LED light requires 12 Volts and up to 10 Watts. The light color or temperature is 4000K, commonly called "Cool", just above neutral. The maximum light output is 800 Lumens, similar to a 60-Watt incandescent light bulb. Area of illumination is approx. 1.5'

There are two wires coming from the bottom of the Forza850T-LUM one is for connecting to an amplifier for sound and the other is for connecting to a transformer for the LED light and is labeled "LED Light".

The wire for the LED light can be extended. A 5% reduction in brightness can be expected using 14 gauge wire over 190 feet. If you are partially burying the Forza850T-LUM, please experiment with the depth and its affect on the lighting effect you are trying to achieve.

When in doubt, consult a landscape lighting designer.

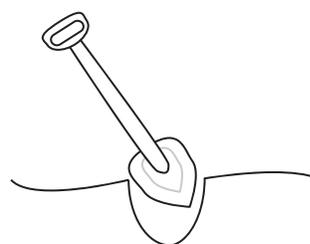


Step 1

Evaluate the location of the speaker. Project the length of speaker wire you will run.

Note: when purchasing additional direct burial speaker wire, make sure the wire gauge is consistent.

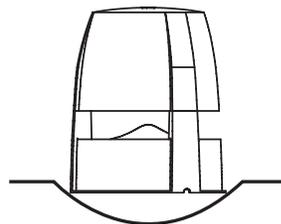
Omni speakers reproduce sound in a full 360 degree and a speaker will cover a large area with sound if properly placed.



Step 2

Once you have decided on the location for your in ground speaker, dig a trench about 5" leading from the speaker to the input source for the speaker cables.

For the FORZA850T-LUM omni speaker, dig a trench hole approximately 16" in diameter and 5" deep for the speaker enclosure.



Step 3

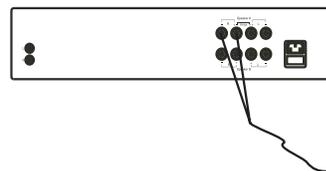
Place the omni speaker in the hole you have dug. Run the direct burial wire through the trench to the location of the amplifier or receiver.

Please note: When connecting the additional wire be sure to use water tight wire connectors.



Step 4

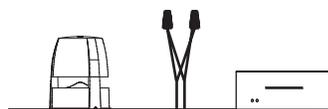
Use the Tap switch located on the speaker to select the appropriate setting best suited for your application.



Step 5

Connect the wires from the omni speaker to the amplifier or receiver. Please make sure the polarity on the cables and the speaker are in sync.

Optional: Using an outdoor volume control makes it convenient for you to adjust the volume outside.



Step 6

Turn on your amplifier or receiver to test the speaker. If the speaker sounds fine, refill the wire trench and cover the submerged part of the speaker.



WARRANTY INFORMATION

All OSD NERO outdoor speaker products have a (3) year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period OSD AUDIO will replace any defective part and correct any defect in workmanship without charge for either parts or labor OSD AUDIO may replace returned speakers with a product of equal value and performance. In such cases, some modification to the mounting may be necessary and are not OSD AUDIO's responsibility.

For this warranty to apply, the unit must be installed and used according to its written instructions. If necessary, repairs must be performed by OSD AUDIO. The unit must be returned to OSD AUDIO at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damaged resulting from abuse or from servicing performed by an agency or person not specifically authorized in writing by OSD Audio

OSD AUDIO sells products only through authorized dealers and distributors to ensure that customers obtain proper support and service. Any OSD AUDIO product purchased from an unauthorized dealer or other source, including retailers, mail over dealers and on-line sellers will not be honored or serviced under existing OSD AUDIO warranty policy. Any sale of product by an unauthorized source or other manner not authorized by OSD AUDIO shall void the warranty on the applicable product.

Damage to or destruction of components due to application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, you must email customer service at RMA@audiogeargroup.com for a Returned Merchandise Authorization (RMA) number# then the unit must be shipped to OSD AUDIO at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the speaker(s) in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

This Warranty Does Not Cover:

Damage caused by abuse, accident, misuse, negligence, or improper operation (installation) • Any products that have been altered or modified • Any product whose identifying number of decal, serial #, etc. has been altered, defaced or removed • Normal wear and maintenance.