INCLUDED HARDWARE

TrLS50 - Spike

A 2X Spike	B 2X* Connector

TrLS50 - Hardscape

B 2X* Connector	C 1X Hardscape Pan	D 3X 1/4"-20 x 3/4" Screw

TrLS50 - Inground

B 2X* Connector	C 1X Hardscape Pan	D 3X 1/4"-20 x 3/4" Screw	E 1X Burial Plate
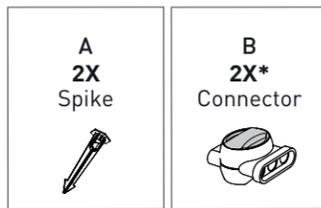
F 6X 1-4"-20 Washer	G 6X 1-4"-20 Nut	H 3X 12" Rod
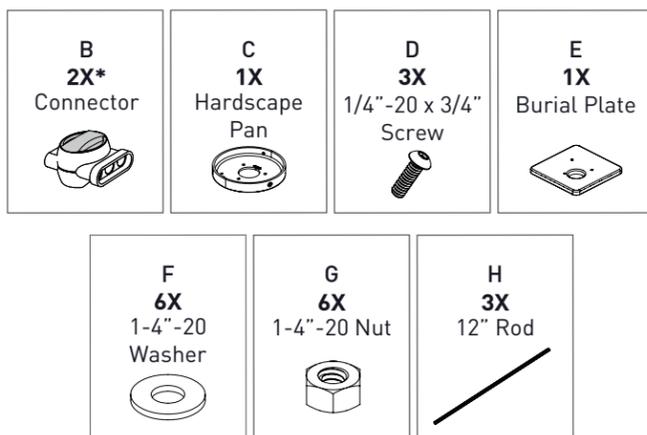
Drawings not to scale

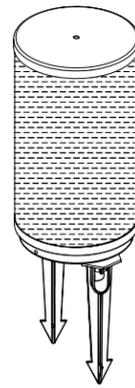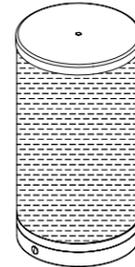*All -Halo models include 2 additional connectors
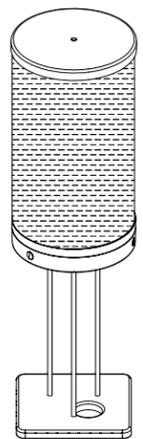
TERRA LS50

TrLS50-Spike / TrLS50-Hardscape / TrLS50-Inground

TrLS50 - Spike

TrLS50 - Hardscape

TrLS50 - Inground

INSTALLATION TIPS

Choose an installation location free of physical obstructions.

Working near electrical equipment and wires poses an electrocution hazard. Turn off nearby electrical circuits from the breaker. Use a non-contact voltage tester to confirm that the installation location is free of live electrical wires and equipment prior to installation. Contact a qualified electrician before making any modifications to electrical wiring.

Determine the potential hazards of working with hand or power tools and take the appropriate safety precautions. Use personal protective equipment (PPE) as appropriate, including, but not limited to: vision, hearing, and respiratory protection.

Consult local building and/or electrical codes prior to installation of speakers, cabling, or electrical equipment.

Fig. A
Cable Routing

To utilize the provided waterproof connectors, strip each conductor ½". Insert each bare wire into a hole of the connector.
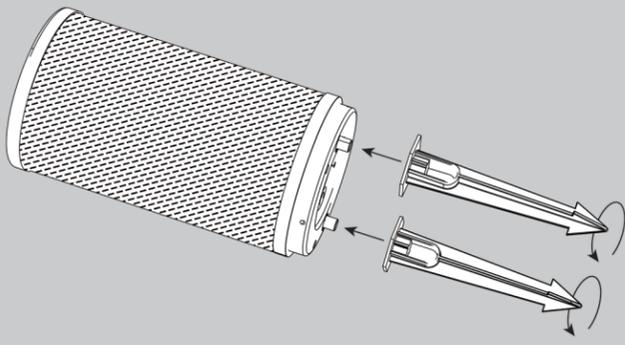
Press down on the top 'button' until a click is heard and the wires are secure.

Fig. B
Setting the 70v Transformer

Set the 70v transformer tap wattage prior to installation. The tap switch is located on the bottom of the speaker and can be turned with a small flathead screwdriver.
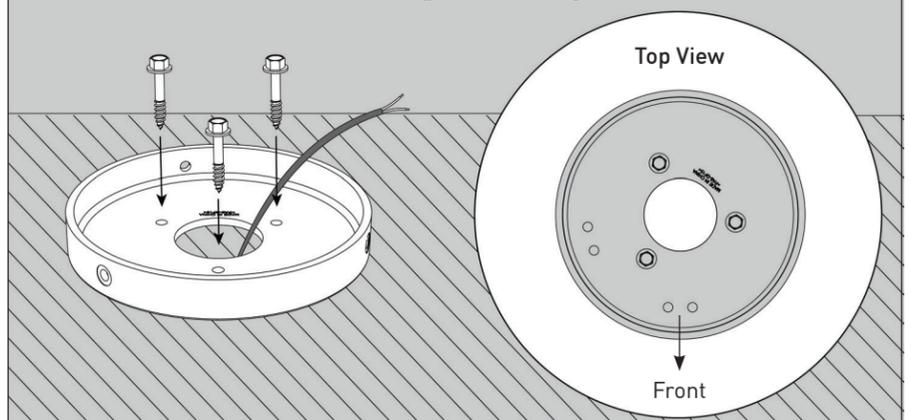
64W

32W   32W   64W

16W   8 Ohm

16W 8W

100V 70V

SELECT   INPUT
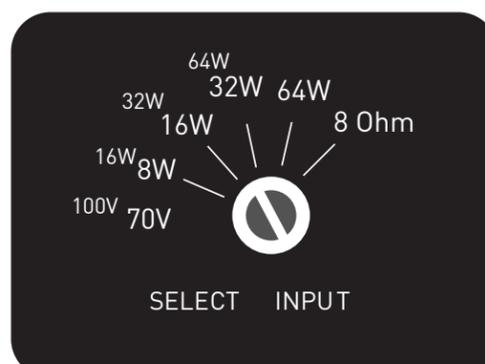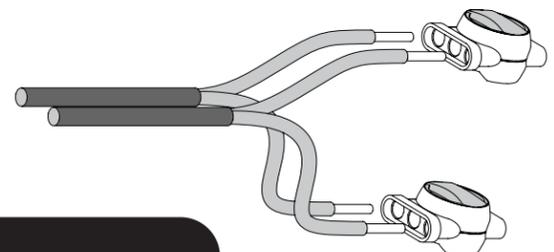
Fig. 1
Ground Mounting with Spike

For ground mounting with TrLS50-Spike, screw the spikes (A) into the bottom of the TrLS50. Proceed to Figure 4.

Fig. 2
### Hardscape Mounting

Top View

Front

For hard surface mounting with TrLS50-Hardscape, install the hardscape pan (C) with appropriate anchors for the substrate. Speaker wires must be pulled through the center hole prior to installation. Any of the three mounting holes can be designated as the front of the speaker. Proceed to Figure 4.
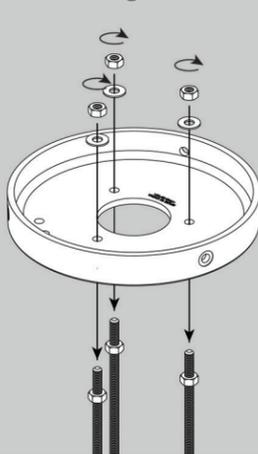
Fig. 3a
Burial Mounting with Inground
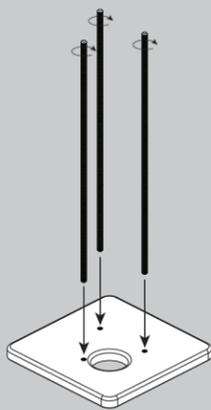
For burial mounting with TrLS50-Inground, begin by assembling the burial hardware. Screw the three threaded rods (H) into the burial plate (E).
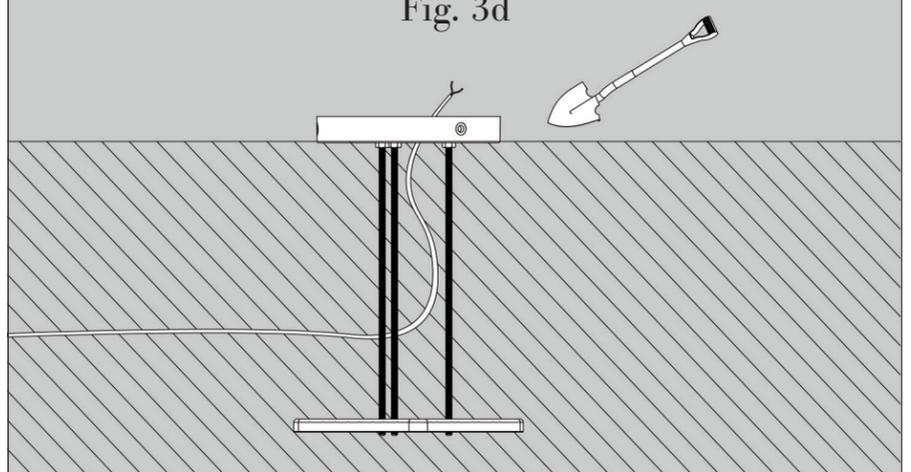
Fig. 3b

10 3/8"

X3
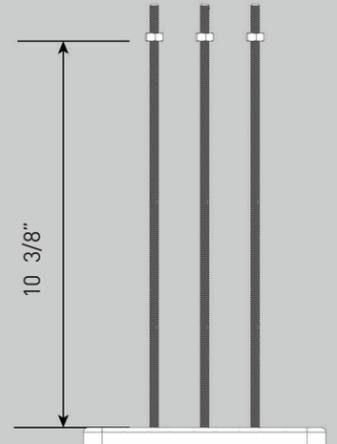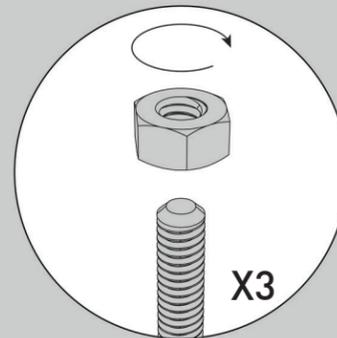
Thread one nut (G) onto each threaded rod until the distance between the nuts and the burial plate is 10 3/8".
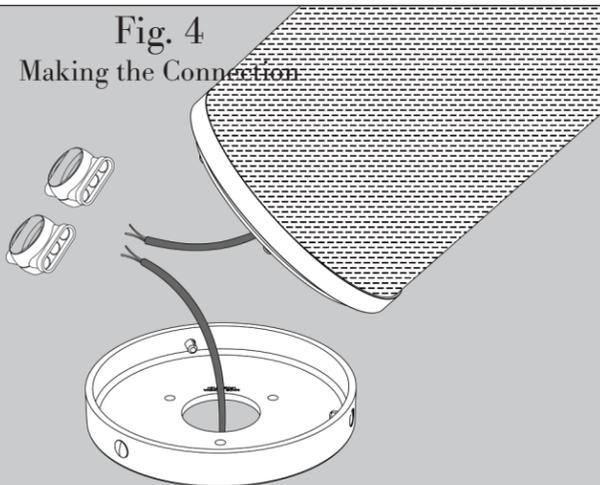
Fig. 3c

Place the hardscape pan (C) onto the threaded rods and secure it with three nuts (G) and three washers (F). Tighten hardware.

Fig. 3d

Pull any wiring through the center hole of the hardscape pan and bury the unit in the ground, backfilling with material until only the hardscape pan is above the surface.

Fig. 4
Making the Connection

If necessary, trim excess cable both on the speaker and input side. Strip the individual wires and use the waterproof connectors (B) to connect the speaker and lighting (if a -Halo model), and daisy-chain to the next speaker (if applicable).

Fig. 5
Complete the Installation

OR
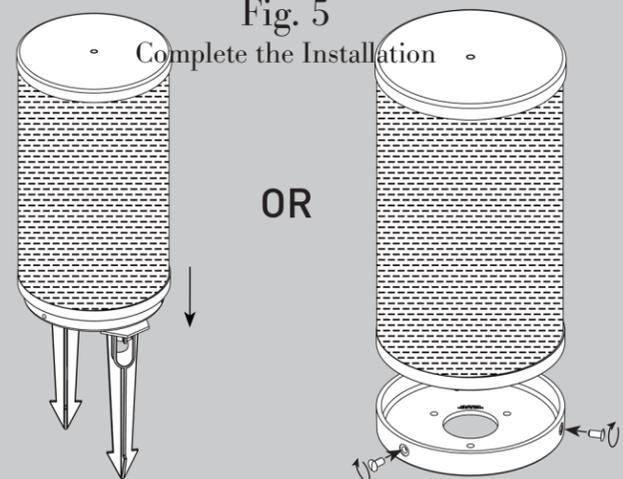
For TrLS50-Spike, hide the connectors under the speaker and press the spikes into the ground. For TrLS50-Hardscape or -Inground, tuck the connectors between the speaker and hardscape pan and attach the speaker using three button head screws (D).

For assistance call (888) 213-5015 or visit www.leonspeakers.com

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