Tools Needed

- Trench Spade/Shovel
- Wire Cutter
- Measuring Tape
- Direct Burial Cables
- Silicon Cable Connectors (Included)
- Outdoor Volume Control (Optional)

Pre Installation

- Where is the best place to install the speakers?
- Where will the speakers sound the best?
- Place the speakers in a location where they will blend in best with their surroundings.

Step 1
Designate the general area where the subwoofer would be most ideal. The subwoofer should be placed within 20 feet of the general listening area for optimum performance. (See Diagram 1) The shape and finish would blend particularly well in your landscape if it is placed near landscape lighting, water fountain, open planter or swimming pool.

Step 2
Measure the distance from the designated speaker location to your stereo receiver. Try to minimize your distance without compromising on your overall appeal and safety concern. Once the route is determined, use your spade and trench to dig the hole for the subwoofer and a wire route between 8”-12” deep once the trench route is completed, lay the cable in the route. If using the PVC pipe, cut the pipe to length, ensure all electrical connections are watertight with silicone burial connectors. Once the cable layout is done, connect the subwoofer & refill the trench & subwoofer hole.

Important to install a service loop (some extra wire between the subwoofer and the equipment / slack, in case there is a need for movement or any damage to wire over time to give you additional to work with). Also, it is important when trenching the soil to clear away rocks, roots, gas pipes, water pipes and any other obstructions that may cause damage to the equipment or shift over time. (See Diagram 2)

Step 3
Connect to a Mono Subwoofer Amplifier such as the LV-SA250 or LV500A. Please note, the yellow lead indicates positive signal (+) and the black indicates negative signal (-). Connecting the positive and negative leads incorrectly will cause it to be out of phase and will result in weaker bass response. (See Diagram 3) Remove 2”-3” of the outer layer of the speaker wire. Carefully strip ½” of the insulation covering the speaker conductors within the outer layer and connect to the speaker outputs on the amplifier.

System Diagrams

For optimum performance combine the LV-TN250 with our landscape satellite speakers. Create an unobtrusive stealthy outdoor sound system with the following system diagrams. Additional system configurations can be created for up to 8 pairs of speakers using multichannel amplifiers and or series parallel wiring.

Note: Please consult your electronics manual for Impedance and Power Rating before wiring a multi speaker system.
LV-SA45 TUNER

- To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture.
- The product should not be exposed to any dripping or splashing liquid.
- Objects filled with liquids, such as vases, should not be placed on the product.
- Keep the remote control battery away from children. Dispose of used battery promptly.
- The product should not be exposed to any dripping or splashing liquid.
- Protect the power cord from damage. Do not pull, push the power cord excessively, and take care not to let the power cord become pinched, particularly at or near the plug.
- Keep the product away from heat sources such as heat registers, stoves or other appliances that produce heat.
- Avoid direct sunshine and covering vents. Do not operate in a sealed box and be sure to have enough room for heat exchange.
- Avoid opening the cover. Do not open the cover, or touch the inner parts, refer servicing to our customer service.

TUNER FEATURES

1. Power Indicator
2. Bluetooth® Indicator
3. OPT Indicator
4. USB Indicator
5. Wi-Fi® Indicator
6. Line In Indicator
7. Volume Knob/Input Selector
8. Head Phone Jack
9. Antenna
10. WPS
11. SUB Out
12. Line In
13. USB In
14. Optical Input
15. Speaker Output - L/R
16. Speaker Output + L/R
17. Power Input
18. On/Off Switch

LV-SA250 SUBWOOFER AMPLIFIER

FRONT PANEL:
1. Power Switch / Indicator LED
2. Bluetooth® LED
3. OPT LED
4. USB LED
5. Wi-Fi® LED
6. Line In LED
7. Volume Knob/Input Selector
8. Head Phone Jack

REAR PANEL:
9. 12V Trigger Input
10. Speaker Outputs
11. Voltage Selector Switch
12. AC Power

INSTALL GUIDE

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