

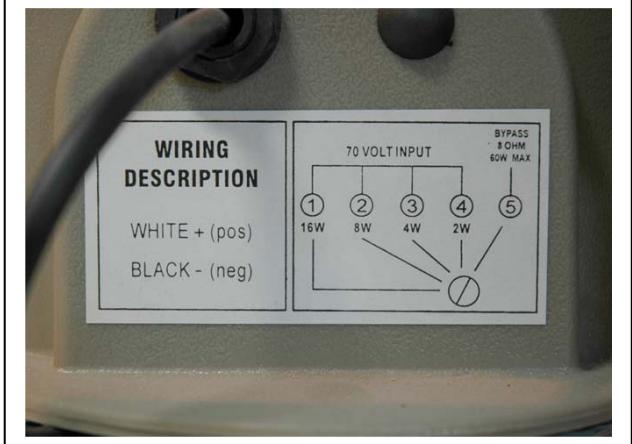
# SOUND TERRAIN® In Ground Speaker Systems

RECOMMENDED INSTALLATION INSTRUCTIONS  
OEM Systems Co., Inc. Model SS-84 & SS-8M

1. Carefully unpack the contents.
2. Read all the instructions before proceeding with the hookups to insure trouble-free performance of your SOUND TERRAIN®.
3. Plan the location of the SOUND TERRAIN® by making a simple drawing and estimating the length of speaker wire required, access to the amplifier to be used and the effective circle of speaker operation; the latter being about a twenty-five foot diameter circle.
4. Check the plan drawing for obstacles such as, sidewalks, driveways, water, trees, bushes or gardens, fences and other things that will obstruct laying the wire underground or placing of the speaker.
5. Before digging holes for the SOUND TERRAIN® or the wire, lay the unit and the wire out per the diagram. Recheck your drawing for any obstacles.
6. Review your point of entry into a house, garage or out building to ensure the best wire entry point. A crawl space, window or garage wall may provide the best entry point. If necessary, drill a hole only slightly larger than the wire and use a good caulk to seal it after installation is complete. **CAUTION!** Be careful not to drill in an area where house wiring is installed or piping is present. This could cause damage or a safety problem!
7. Placement of the SOUND TERRAIN®:
  - a) Dig a hole 8 - 10 inches deep that is 16 inches by 16 inches square. Carefully place the speaker into the hole to insure a proper fit; the top of the SOUND TERRAIN® should extend at least 5" above the ground. Repeat for all SOUND TERRAIN® units to be installed.
  - b) Next, lay out the speaker cord routes with string and small stakes to line up where to trench. Dig a 4 inch to 6 inch deep trench along this line to each speaker. This can be best done in soft soil by using a flat spade. Insert spade in ground at a 45 degree angle and push sod and dirt up leaving a narrow slit to lay the wire into. After spading all the trenches lay the wire to insure adequate length for installation.
  - c) Check the other ends of the wires for adequate length for hookup to volume control or amplifier.
  - d) Recheck connections and hook up system to check functionality, following hookup instructions for your system. Should everything operate properly, close up the trenches and carefully fill around the speakers. Place excess dirt around flowerbeds or trees as is appropriate.
8. Connecting to your Sound System:

**NOTE:** If your model is equipped with a 70V transformer, it can be adjusted with a flat-blade screwdriver via a 5-position switch that can be found under a rubber plug near the base of the unit. (See diagram at right) The default setting is "Bypass 8 Ohm" for normal operation.

After connecting to the SOUND TERRAIN®, turn down the volume and set the tone controls to the "flat" position and the balance control "straight-up". Check the system for proper indoor functionality first. Then switch to the outdoor speaker(s), and at low volume, check the SOUND TERRAIN® for output. Check out the balance control next on the indoor and outdoor speakers. Make sure you get output on both the left and the right channels. Carefully raise the volume control in steps to insure distortion-free output. Overloading with a distorted signal can damage or blow your new SOUND TERRAIN®.



The diagram shows a wiring description panel with two main sections: 'WIRING DESCRIPTION' and '70 VOLT INPUT'. The 'WIRING DESCRIPTION' section includes terminals for 'WHITE + (pos)' and 'BLACK - (neg)'. The '70 VOLT INPUT' section shows five numbered terminals (1 through 5) connected to a central terminal. Terminals 1, 2, 3, and 4 are labeled with their respective wattage ratings: 16W, 8W, 4W, and 2W. Terminal 5 is labeled 'BYPASS 8 OHM 60W MAX'. Lines from terminals 1, 2, 3, and 4 converge at a central terminal, which is then connected to terminal 5.
9. Winterizing the system:

The system can best be protected from snow and ice, where appropriate, by securing a plastic trash bag over the unit until spring.