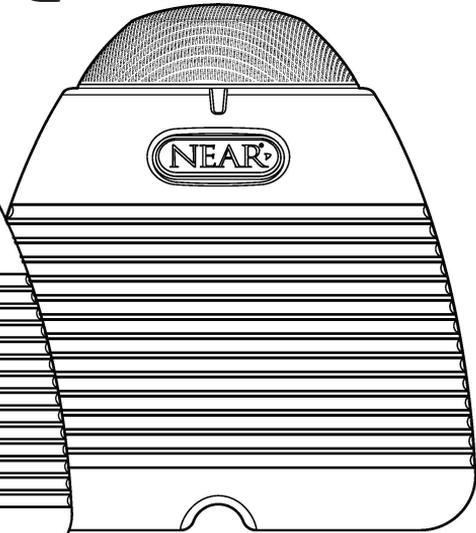
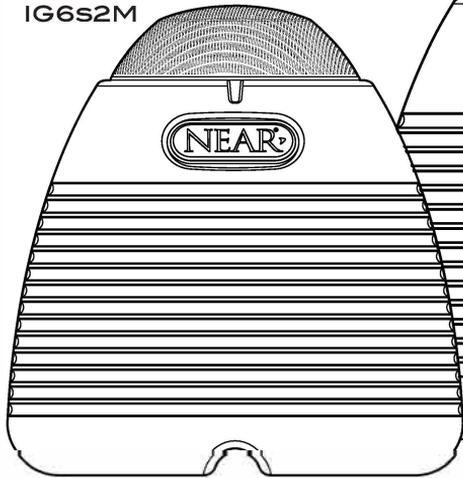


# NEAR<sup>®</sup>

IG6s2M



IG8s2M

## IG-SERIES

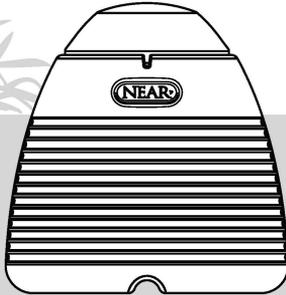
MODELS: IG8s2M & IG6s2M

**ALL-ENVIRONMENT IN-GROUND,  
OUTDOOR LOUDSPEAKERS**

**QUICK START INSTALLATION  
AND SETUP GUIDE**

# NEAR® IG-SERIES

IG8s2M



IG6s2M



## ALL-ENVIRONMENT IN-GROUND, OUTDOOR LOUDSPEAKERS

The **NEAR® IG-Series Loudspeakers** (2 Models: IG8s2M & IG6s2M) are fully-sealed in-ground, outdoor speakers which provide exceptionally natural sound and can withstand nearly all types of environment and weather conditions. These speakers combine two industry leading technologies from NEAR: Metal Diaphragm Technology (MDT), which ensures speaker cone stability in all-environment conditions; and Magnetic Liquid Suspension (MLS), a Ferrofluid seal around the magnet gap and voice coil which provides protection from moisture and corrosion, as well as near-perfect voice coil alignment.

### Placement and Sound Quality

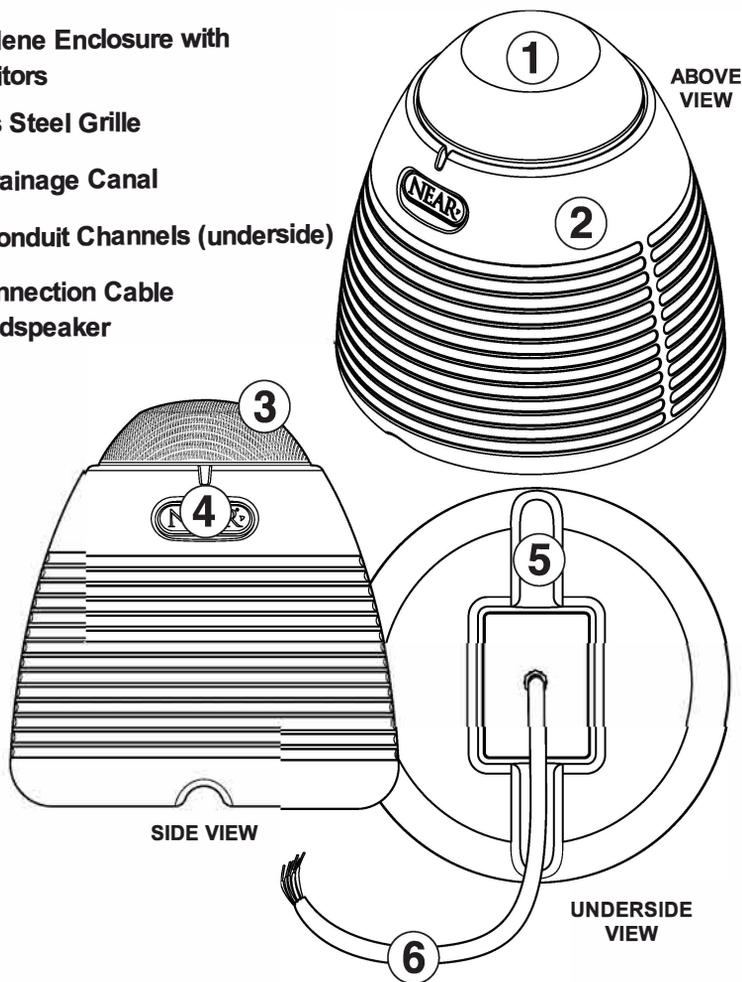
Dispersion of the IG speakers is a full 360 degrees! This means that the orientation of the speakers, whether mounted in-ground or on-ground, is not critical. However, by design, the frequency response is smoother throughout the midrange when the enclosures are mounted in the ground, buried up to the NEAR badges on the loudspeaker enclosure. This mounting method also ensures a high level of security once the ground around the enclosure is packed firmly. In addition, as the ground packs more firmly around the speaker enclosure, the bass and midrange clarity improves. This is due to a reduction in the resonance of the molded enclosure which, by virtue of its round shape with extensive ribbing, is already quite inert. The addition of the solid earth around the enclosure, in essence, makes the walls more solid, less resonant, and less of a factor in any coloration of the sound.

The IG-Series is designed in a unique manner so that water will shed evenly off the top of the enclosure. There are several drainage paths from the tweeter and woofer mounts, as well as the channel where the grille is mounted. Even if the speaker is tilted in any direction, water will still drain away efficiently and completely.

# IG-SERIES

## Models IG8s2M and IG6s2M Loudspeaker Features

1. **IG8s2M**: 8-inch Nominal Diameter Metal Alloy UDIO Woofer;  
1-inch Titanium Alloy Dome Tweeter
2. Polyethylene Enclosure with UV Inhibitors
3. Stainless Steel Grille
4. Water Drainage Canal
5. Wiring/Conduit Channels (underside)
6. Input Connection Cable from Loudspeaker



# 1 In-ground Installation and Connection of IG-Series Loudspeakers

## Direct Burial of Cable or Conduit

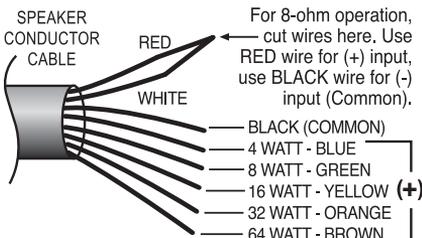
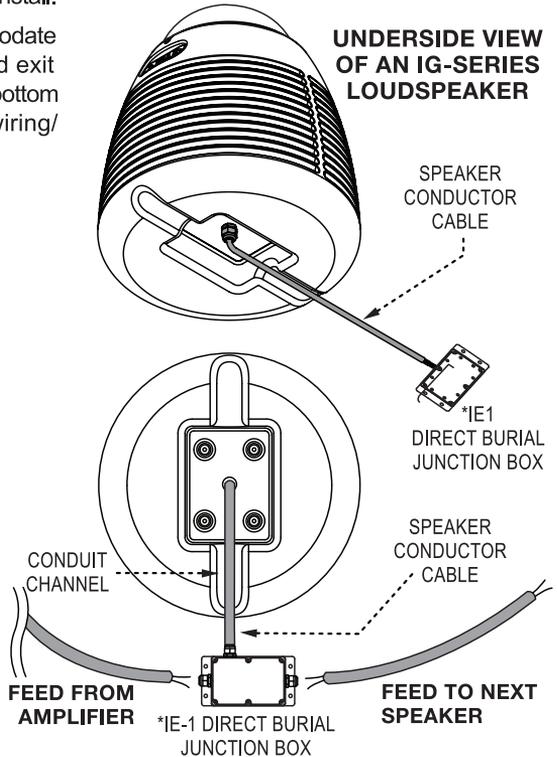
Depending on the type of installation, direct burial of the speaker cables from the amplifier to the loudspeakers may be adequate, or the use of a 1" to 1-1/2" ID conduit may be required for protecting the wires from possible physical damage if future excavation or other alterations are anticipated in the area of the install.

An IG-Series loudspeaker can accommodate either method, including the entry and exit conduits sliding conveniently under the bottom of the enclosures through provided wiring/conduit channels.

### Connections can be protected using one of the following methods:

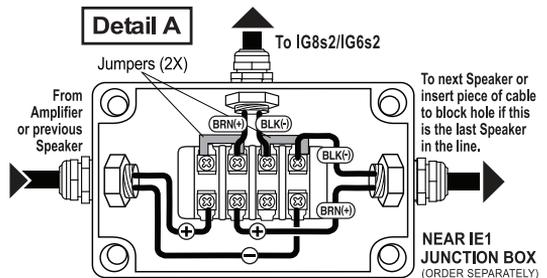
- **RECOMMENDED:** Optional NEAR Model IE1 Direct-Burial Junction Box (IP67 Rated) allows convenient access to connections (**Detail A**)
- Solder connection wires together using waterproof heat shrink tubing to make a seal
- Make connections with immersion-resistant Crimp Splices (Raychem)
- Using Grease Wire Caps, available from several suppliers (such as Orbit, Toro Irrigation, etc.)

## UNDERSIDE VIEW OF AN IG-SERIES LOUDSPEAKER



(IG6s2 LOUDSPEAKER WATTAGES FOR 70V USE ARE SHOWN HERE FOR ILLUSTRATIVE PURPOSES)

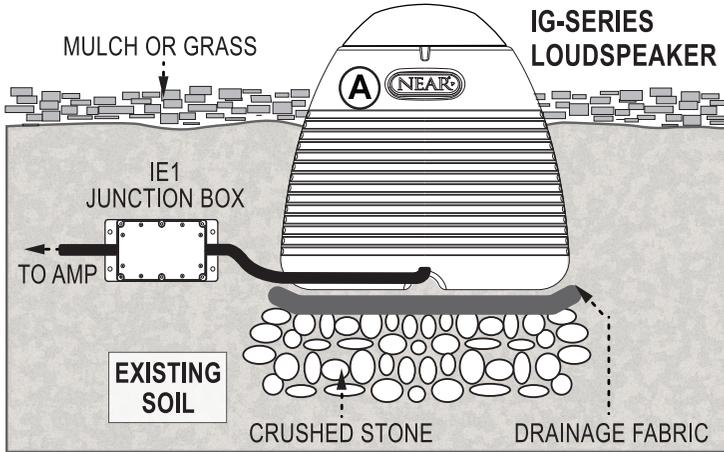
### Detail A



POSITIVE (+) IS SELECTED WATTAGE TAP. BROWN IS SHOWN AS AN EXAMPLE. OTHER COLORS REPRESENT LOWER POWER LEVELS.

# 2

## In-ground Mounting/Burial of IG-Series Loudspeakers



When excavating for burial of an IG-Series Loudspeaker select an area that will support the depth needed to accept the enclosures. The IG Loudspeakers' burial depth should be up to the speaker's "NEAR Badge" (A). In addition to the depth the speaker requires as above instructed, it is recommended that further excavation be made beneath each enclosure so that 6 inches of crushed stone can be added to provide proper drainage. Some type of standard drainage fabric should then be placed as a buffer between the speaker and the crushed stone base.

# 3

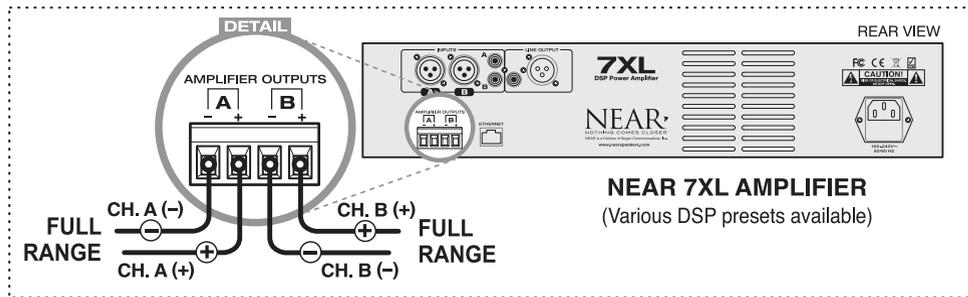
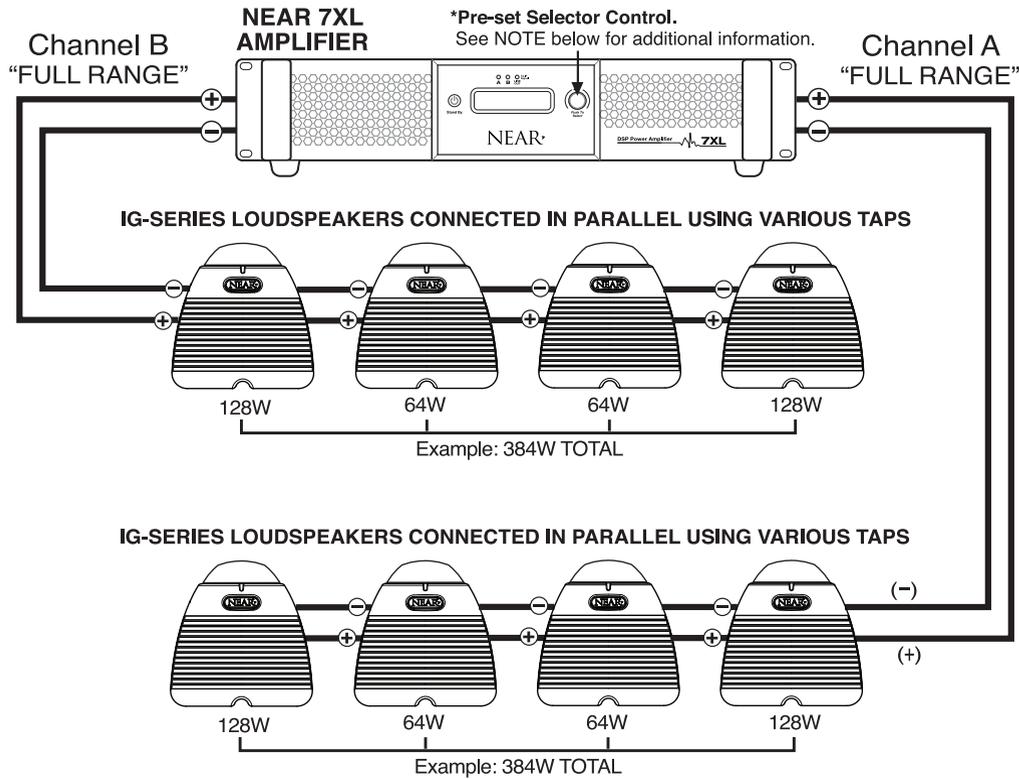
## In-ground Install Angles of IG-Series Loudspeakers



The IG-Series Loudspeakers were designed with a slightly angled driver so that even if the enclosure is situated on a level plane (see Install 1 & 2) any accumulated moisture can be channeled out of the speaker through the two Drainage Canals (A) located on either side of the speaker. Even if choosing a more sloped install angle (Install 3), the speaker will still drain water from the driver when Drainage Canal is angled downward (B).

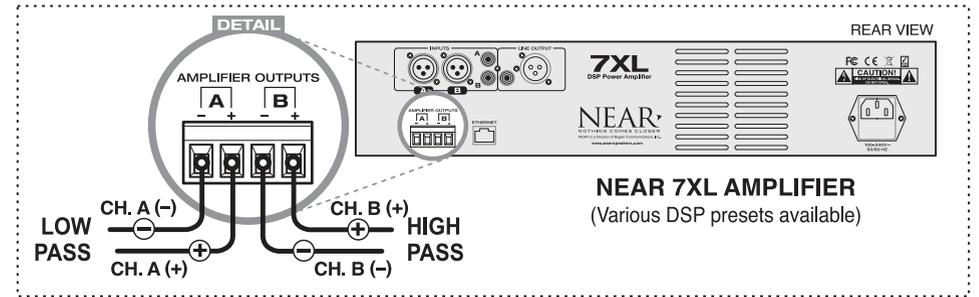
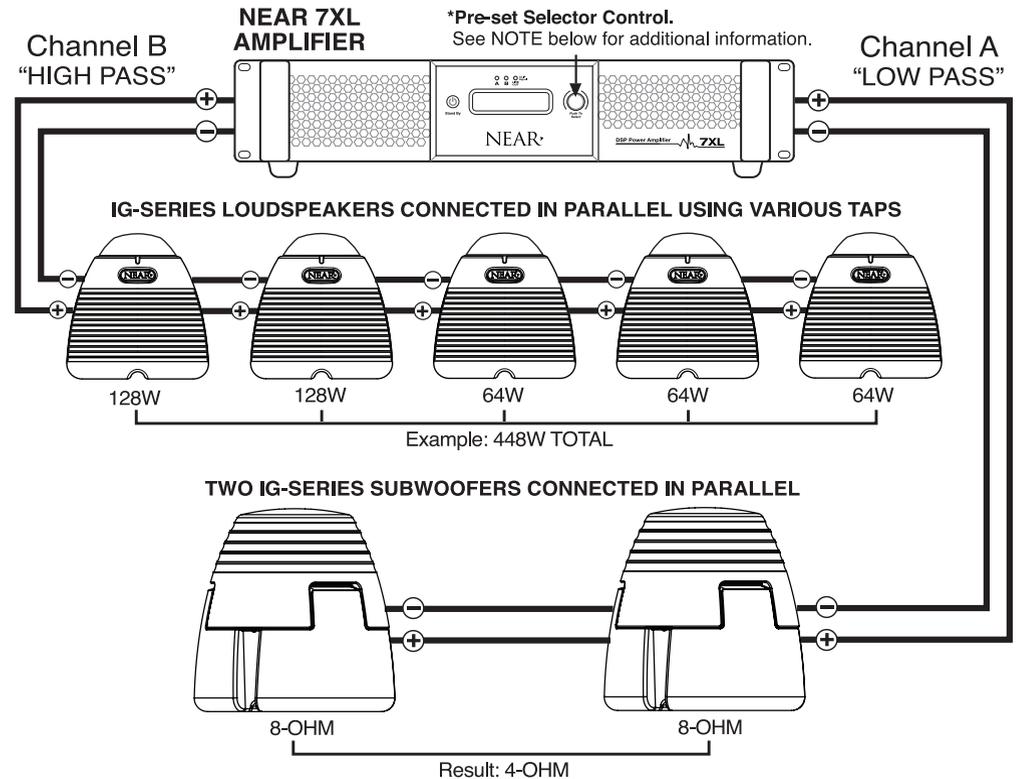
# 4 Wiring Connection Setup Examples for IG-Series Loudspeakers

## EXAMPLE OF TWO-ZONE 70V CONFIGURATION WITH VARIOUS TAPS SELECTED



**WARNING:** Customer is responsible for the wiring materials to/from amplifier and to/from other speakers/subwoofers, as well as the selection of the installation area. It is recommended that a professional be consulted when connecting speakers if the installer does not have sufficient knowledge in working with electrical components.

## EXAMPLE OF A HYBRID 8-OHM/70V SYSTEM CONFIGURATION FULL-RANGE LOUDSPEAKERS PLUS SUBWOOFERS



\*NOTE: NEAR 7XL and 3XL amplifiers feature embedded DSP presets that may be helpful in getting the best performance from various NEAR speaker systems. Visit [www.nearspeakers.com/manuals--spec-sheets.html](http://www.nearspeakers.com/manuals--spec-sheets.html) for detailed information and amplifier software updates.

## LIMITED WARRANTY: Exclusion of Certain Damages

The **NEAR® IG-Series Loudspeakers** are warranted to be free from defects in material and workmanship for 5 (five) years from the date of sale to the original purchaser. Any part of any NEAR product covered by this warranty that, with normal installation and use, becomes defective (as confirmed by Bogen upon inspection) during the applicable warranty period, will be repaired or replaced by Bogen, at Bogen's option, provided the product is shipped insured and prepaid to: Bogen Factory Service Department, 4570 Shelby Air Drive, Suite 11, Memphis TN 38118, USA. Repaired or replacement product will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

**THE FOREGOING LIMITED WARRANTY IS BOGEN'S SOLE AND EXCLUSIVE WARRANTY AND THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR NEAR PRODUCTS. BOGEN MAKES NO OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED AND EXCLUDED TO THE MAXIMUM EXTENT ALLOWABLE BY LAW.** Bogen's liability arising out of the manufacture, sale or supplying of NEAR products or their use or disposition, whether based upon warranty, contract, tort or otherwise, shall be limited to the price of the product. **IN NO EVENT SHALL BOGEN BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF DATA OR LOSS OF USE DAMAGES) ARISING OUT OF THE MANUFACTURE, SALE OR SUPPLYING OF NEAR PRODUCTS, EVEN IF BOGEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES.** Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

NEAR products that are out of warranty will also be repaired by the Bogen Factory Service Department -- same address as above or call 201-934-8500. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All shipping charges in addition to parts and labor charges will be at the owner's expense. All returns require a Return Authorization number. For most efficient warranty or repair service, please include a description of the failure.

Products manufactured and labeled by other companies may be covered by warranties offered by such companies. Please call Bogen Customer Service or refer to product packaging for manufacturer's warranty for non-NEAR branded products.

11/2014



This product is subject to European Union regulations that promote the re-use and recycling of used electrical and electronic equipment. The symbol at left, on the product, its batteries or packaging, means that the product and its batteries must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information on where to drop off your waste equipment, please contact your local city office, your household waste disposal service or the place where you purchased the product.



**DECLARATION OF CONFORMITY STATEMENT:** Bogen Communications, Inc. hereby declares that this product is in compliance with the essential requirements and other relevant provisions of all applicable European Union Directives. The Declaration of Conformity is the manufacturer's declaration that the product complies with those Directives. The complete Declaration of Conformity can be found at: [www.nearspeakers.com](http://www.nearspeakers.com).



**YOU MUST ACCURATELY FOLLOW THE INSTRUCTIONS FOR ALL THE PARTS INVOLVED IN THIS INSTALLATION. FAILURE TO DO SO CAN CAUSE SERIOUS INJURY OR DEATH TO YOURSELF OR OTHERS AND MAY EXPOSE YOU TO POSSIBLE LEGAL ACTION.**

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