



FREESTANDING SPEAKERS
OWNER'S MANUAL



FREESTANDING SPEAKERS

Please read the following instructions carefully before installing your Induction Dynamics® freestanding speakers. If you have any questions regarding installation that are not answered in the following directions, please contact your local sound contractor or the Induction Dynamics®/MSE Audio® technical support team. Contact information can be found on the back of the manual.

General Information

Your speakers and amplifier come in a high quality finish that is both attractive and durable. To clean, use a soft, damp cloth. If your drivers become dusty, dust them with a paintbrush or a brush vacuum attachment. Do not use a strong or abrasive cleaner. The grille is covered in acoustic cloth. To keep your grille clear of debris, we recommend you use a lint roller (like you would use on clothes).

Do not use bass or loudness contour controls. Induction Dynamics' subwoofers produce very low frequencies without these controls. Use of these controls will make the bass sound "boomy", obscure higher frequencies, and possibly cause damage due to excessive cone excursion.

Amplifier location: The A2 amplifier is best located in an equipment rack or shelving with other audio and video equipment. It is not recommended for placement behind walls or other limited access locations, where service may be restricted.

Carpet spikes are not required for these speakers. However, they have been provided if you would prefer to use them. Should you choose to do so, lay the speaker on its back side, then screw the carpet spikes into the threaded holes under the base of each speaker.

Speaker Wiring: Use approved wire designed for in-wall or exposed use, as appropriate for your installation. For freestanding speakers, we recommend using high-quality speaker wire that is 12 gauge or lower, with easily visible polarity coding to make your connections. The following chart identifies minimum gauge requirements for various lengths. See your local dealer or installation contractor for more information.

Wire Length / Minimum Gauge Requirements

Length in Feet	AWG Size & Stranding
Up to 18'	14 Gauge (19/27)
Up to 29'	12 Gauge (65/30)
Up to 51'	10 Gauge (105/30)

Two-Channel / Stereo Installation

For two-channel stereo listening it is recommended that you place your speakers a few feet from the front wall of the listening area. Generally, two-channel loudspeakers are set between six and twelve feet apart in small to medium listening rooms. Vary this distance until you achieve an evenly distributed soundstage with the center filled in. To optimize bass response, vary the distance of the speakers from walls and corners, paying special attention to any low frequency nulls in the listening area.

Induction Dynamics drivers are carefully selected and optimized for uniform polar response. This means that the tonal quality of the speakers remains the same off-axis, so it is not necessary to "toe in" the speakers. However, due to variations in the patterns of reflections from one room to another, you may notice a slight improvement in the soundstage at the center listening position if the speakers are "toed in". Start with approximately 20 degrees each, and experiment with different angles. The best angle will vary with different listening rooms, depending on the pattern of sonic reflections.

Connecting Speakers: In normal 2-channel operation, one stereo amplifier is used. For this configuration, the jumper bars on the binding posts should be left in place and the switch on the back of the speaker should be set to "Four-Way Loudspeaker". The speaker cable can be connected to either the upper or lower binding posts. Connect the red (positive) amplifier post to the red (positive) speaker post. Connect the black (negative) amplifier post to the black (negative) speaker post. Recommended speaker wire size will depend on the distance from your amplifier to your speaker (see "Wire Length / Minimum Gauge Requirements" chart).

Multi-Channel / Home Theater Installation

5.1 System - Consists of a front left, front right, surround left, surround right, center channel, and subwoofer channel. In a home theater configuration, the center channel should be centered between the left and right front channels and as close to listening height as possible, either above or below the screen (preferably below the screen). The surround channels should be placed to either side of the listening area or behind the listening area at listening height.

6.1 System - Has the same basic channels as a 5.1 system, with the addition of a rear center channel placed directly behind the listening area.

7.1 System - Has the same basic channels as a 5.1 system, with the addition of a left rear surround and right rear surround.

Connect the proper output on your home theater processor or receiver to the binding posts on your freestanding speaker using normal polarity (red to red and black to black).

Subwoofer Amplifier Interconnect

The ID1 and ID1.15 are designed to be used with the A2 subwoofer amplifier (designed and built by Induction Dynamics). The A2 subwoofer amplifier is designed to integrate with audio/video pre-amplifiers and receivers that have their own built-in low-frequency crossover circuits, typically containing optional crossover frequency settings. If the crossover frequency is selectable, the recommended setting for the ID1 and ID1.15 is 80 Hz with the subwoofer connected in reverse polarity (see "Power Connection" section).

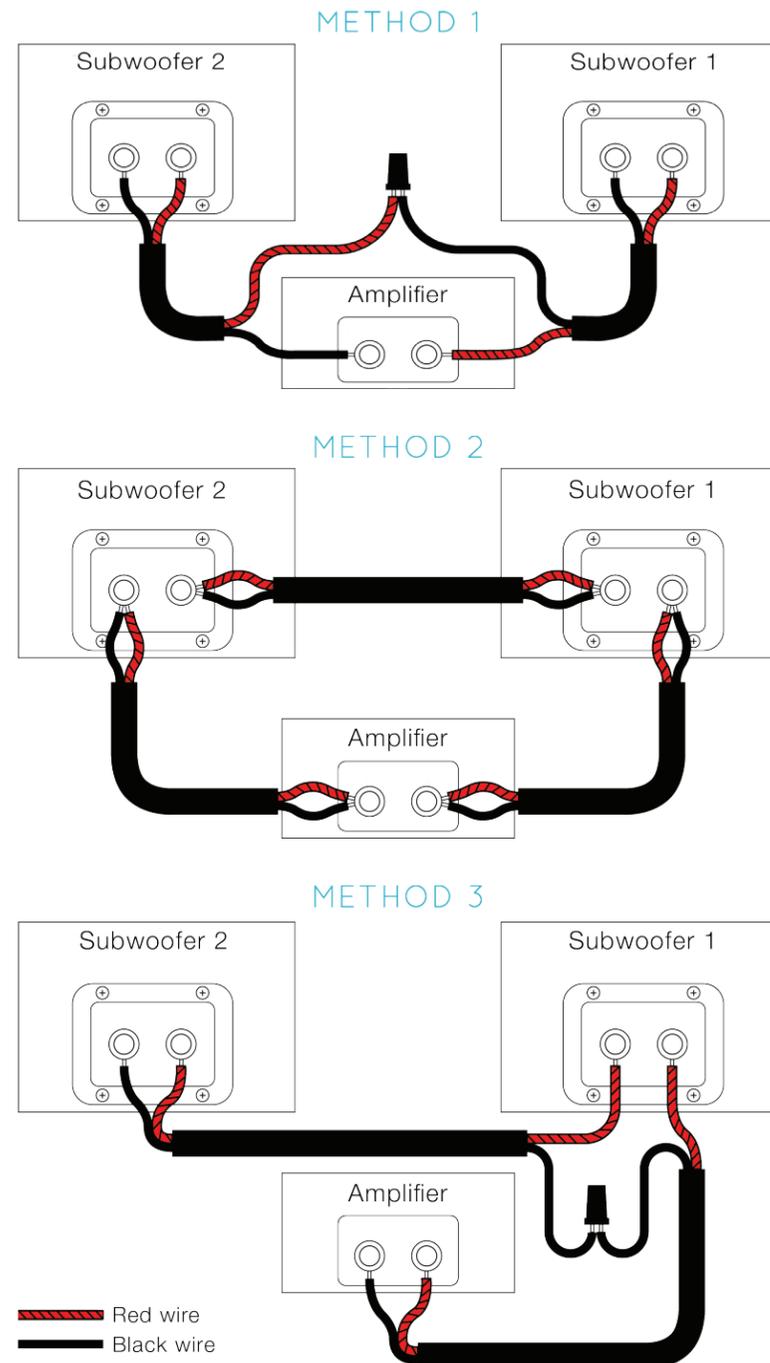
Using high quality interconnect cables with RCA type terminations, connect "SUBWOOFER OUT" on the audio/video pre-amplifier or receiver to "IN" on the A2. You may adjust the subwoofer level using the control in the menu of the audio/video pre-amplifier or receiver.

Subwoofer Connection

The jumpers should be removed and the switch set to “Three-way + Subwoofer”. Connect the lower binding posts on the back of the ID1 or ID1.15 to the A2 subwoofer amplifier in series using reverse polarity (red to black and black to red). Below are diagrams showing alternative methods of connecting the subwoofers, to achieve the in-series, reverse-polarity connections.

Power Connection

Connect the A2 amplifier to a 120 volt, single phase, 60 Hz, grounded power supply using the power cord provided. For best results, use a dedicated power circuit for your amplification equipment.



Warranty

All Induction Dynamics® products come with a limited ten (10) year warranty and a limited three (3) year warranty comes on all electronics. Products not purchased through MSE Audio or an authorized reseller may not be supported by a factory warranty. Should your Induction Dynamics product require service, please call the MSE Audio customer service department for a return authorization. All merchandise returned to MSE Audio without prior authorization will be refused. For your return authorization number, please call 855.663.5600 or email returns@mseaudio.com.

This warranty may be registered online at www.mseaudio.com/product-registration/ or by calling the number on the back. Please write the serial number along with the name and address of the retailer from whom you purchased the amplifier(s). This may be done at the time of purchase or before requesting repair service under this warranty.

Limits and Exclusions: There are no warranties except as mentioned above. Neither Induction Dynamics®, Inc. nor anyone else who has been involved in the creation, production, or sale of this product shall be liable for any direct, indirect, consequential or accidental damages arising out of the use or inability to use this product, or arising out of breach of this warranty. Induction Dynamics®, Inc. makes no other warranties, express or implied, including without limitation warranties of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description on the face hereof.

Applicable Models

ID1	S1.8
ID1.15	S1.8T
C1	S2
C1.8	S2.T
C2	S2.C
S1	S2.LR