



SolidDrive®

INDUCTION DYNAMICS®



SOLIDDRIVE SUBWOOFERS the ideal in-wall companions to a SolidDrive SD1 sound system

Experience True Audio Perfection

Induction Dynamics extensive line of audio products makes it easy to create the ultimate audio system, regardless of installation requirements. Induction Dynamics builds these products with only the most select components and materials; and utilizes numerous unique and proven technologies.



SOLIDDRIVE IN-WALL SUBWOOFERS

SolidDrive subwoofers are specifically designed to complement SolidDrive SD1 hidden speaker installations and have been engineered to deliver well-defined bass while remaining virtually invisible in a room.

DEEP, ACCURATE BASS FROM AN IN-WALL SOLIDDRIVE SUBWOOFER

More and more people are choosing in-wall speaker systems because they not only want great sound, but they want it to blend seamlessly with their environment.

Now Induction Dynamics has brought in-wall technology forward with the revolutionary SolidDrive. The SolidDrive installs behind the drywall, transforming walls and ceilings into a sound source, while remaining hidden from sight with no visible speakers or wires.



USE A SOLIDDRIVE IN-WALL SUBWOOFER TO PRODUCE DEEP ACCURATE BASS

The SolidDrive Subwoofer is also out of sight, installed in-wall to match your décor and provide you with deep, accurate bass. The SolidDrive Subwoofer is the ideal companion to the SolidDrive. Together the SolidDrive and SolidDrive Subwoofer create the ultimate in-wall home theater system.

The SolidDrive SW7.iw and the SolidDrive SW8.iw produce deep, floor-shaking bass. Each subwoofer operates in its own in-wall enclosure box that provides the appropriate air volume to deliver outstanding quality bass. The SolidDrive SW7.iw and the SolidDrive SW8.iw come with the 200-watt A4 Amplifier featuring three modes and an equalization circuit to optimize the bass for your room.

IN-WALL INSTALLATION WITH EASE

Similar to the SolidDrive, the SolidDrive Subwoofer is perfect for home theaters where performance and stealth are desired. Each SolidDrive Subwoofer has a precisely tuned enclosure designed to produce clean, defined bass. The enclosure installs behind drywall between two standard studs. The slim enclosure is then covered with drywall. All you see of the SolidDrive SW7.iw is an air return register grille or the SolidDrive SW8.iw's slim, rectangular grill. Both are paintable to blend flawlessly with any room's décor.

SOLIDDRIVE SUBWOOFER MODELS

The SolidDrive subwoofers are available in two basic categories utilizing either a single 7" driver or dual 8" drivers. The 8" is an active subwoofer whereas the 7" is available as an active or passive subwoofer. Active means that it is specifically designed to work in conjunction with the A4 amplifier.

SOLIDDRIVE SW7.IWA SUBWOOFER

The SW7.iwa subwoofer is the active version and uses a single 7" driver. Although designed to be used with the A4 amplifier, it is available without the A4 amplifier for installations where two subwoofers are used on one A4 amplifier or where a suitable amplifier is available as a substitute for the A4 amplifier.

SOLIDDRIVE SW7.IWP SUBWOOFER

The SW7.iwp subwoofer is the passive version and has two unique features. First, it contains a passive attenuator which allows the bass level to be properly matched to the rest of the music spectrum. Second, it



uses a dual voice coil 7" driver together with passive low pass circuitry, which allows it to be driven directly with the same stereo or monaural amplifier that is being used to power the main speakers. To fully utilize the SW7.iwp's capability, you will need to run stereo pairs of speaker wire from your source location to the subwoofer location during prewire.

SOLIDDRIVE SW8.IW SUBWOOFER

The SW8.iw subwoofer is an active subwoofer in that, as indicated above, it was specifically designed to be mated to the A4 amplifier. The SW8.iw has dual 8" drivers. The SW8.iw is also available without the A4 amplifier for applications with two subwoofers on one A4 amplifier.

SELECTING YOUR SOLIDDRIVE SUBWOOFER

The SW8.iw with A4 amplifier is the most versatile choice. That selection will provide the greatest dynamic range and is preferred in home theater applications, especially where only one subwoofer is used. The A4 amplifier also has music sensing to provide automatic power turn on as well as a trigger input for remote turn on.

The next choice would be the SW7.iwa with the A4 amplifier for applications requiring slightly less dynamic range for, as an example, a more conservative home theater or distributed sound.

If you have a spare amplifier that can be used as a subwoofer amp and adequate bass management elsewhere in the receiver or processor, then selecting the subwoofer without the A4 amplifier may be appropriate.

The SW7.iwp subwoofer's primary application is a stereo SolidDrive installation using a single stereo

amplifier whose output feeds both the SolidDrive main speakers and the subwoofer. Here is where the passive attenuator becomes very useful since no independent control of bass level would be available in the receiver or preamp/amplifier.

SOLIDDRIVE SUBWOOFER ENCLOSURES

The subwoofer enclosures are designed to fit between framing studs placed on 16" centers for installation either during new construction, major remodel jobs, or as a retrofit. The enclosure dimensions are 42" high x 14 3/8" wide x 3 3/8" deep for the SW7.iw and 72" high x 14 3/8" wide x 3 3/8" deep for the SW8.iw.

SELECTING THE SOLIDDRIVE SUBWOOFER LOCATION

To obtain the best possible sound in the room, it is desirable to place the subwoofer as close as possible to the speakers it is supporting. The front wall next to the speakers is preferred with a second option being an adjacent wall also close to the speakers. Avoid placing the woofer on an opposite wall from the main speakers whenever possible as large physical separation of the bass and mid/high sounds can be disconcerting to the listeners.

When using the SolidDrive hidden speakers in a multi-room system, a separate subwoofer in each room is recommended. In a large room where the goal is distributed or background sound, then multiple subwoofers may be necessary to avoid distracting bass localization. Locations near the floor or ceiling will enhance the subwoofer output level.



THE A4 SUBWOOFER AMPLIFIER

The A4 Amplifier is very powerful for a low profile amplifier delivering 200 watts music and 350 watts peak. The A4 Amplifier has a built-in equalization circuit, level control and variable crossover that allow you to optimize the sound quality for the room.

SolidDrive® SUBWOOFERS



SolidDrive Subwoofer Specifications

Model	SolidDrive SW7.iwa (active)*	SolidDrive SW7.iwp (passive)**	SolidDrive SW8.iw (active)*
Woofers	7" Mica/Graphite	7" Mica/Graphite	Dual 8" Mica/Graphite Polypropylene Cones
Amplifier	A4	None	A4
Frequency Response (Hz)	28-160 Hz	28-160 Hz	25-160 Hz
Impedance	4 Ohms	4 Ohms	4 Ohms
Enclosure Dimensions/ Mounting Space	42" H x 14 3/8" W x 3 3/8" D	42" H x 14 3/8" W x 3 3/8" D	72" H x 14 3/8" W x 3 3/8" D
Enclosure	Sealed	Ported	Sealed
Grille Cutout Dimensions	11 5/8" H x 8 1/2" W	11 5/8" H x 8 1/2" W	20 1/2" H x 8 3/8" W
Weight (subwoofer)	36 lbs. (in enclosure) 16.3 kg	36 lbs. (in enclosure) 16.3 kg	51 lbs. (in enclosure) 23.1 kg
Recommended Room Size	Up to 1800 cubic ft.	Up to 1800 cubic ft.	1800 - 3300 cubic ft.

* Multiple subwoofers of the same model can be utilized with a single A4 amplifier. ** The passive version is designed to be connected to the same amplifier as the SolidDrive and contains dual 8-ohm voice coils, subwoofer level attenuator, as well as built-in dual low pass crossover matched to the SolidDrive.

A4 Subwoofer Amplifier Specifications

200 watts/350 watts peak

Three modes (Sub, LFE, and Wide-Range)

User-adjustable gain control matches the sub to any system's efficiency

Internal crossover range from 40 — 160 Hz, 0°/180° phase switch

Variable Low Frequency Equalization from -3 dB to +6 dB allows for tuning to a room's acoustics

Will power multiple subwoofers of the same model

Dimensions 1.875" H x 17.75" W x 11.75" D

Weight 18 lbs. / 8.2 kg



WARRANTY

The product is guaranteed for 7 years from date of purchase. Any misuses or modifications to this equipment in any way will void the warranty.

WARNING

Read instructions prior to operating. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. Unplug prior to cleaning and clean with a damp cloth. There are no user-serviceable parts in this product, please refer all servicing to qualified personnel.

SolidDrives, SolidDrive
Subwoofers, and A4 Amplifier
come with a 7-year warranty.



INDUCTION DYNAMICS® | True Audio Perfection™

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