



# SolidDrive™

INDUCTION DYNAMICS®



## INSTALLATION & USE GUIDE for SolidDrive SD1 into wood, laminate, and composite surfaces

### 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.



## INSTALLATION OF SOLIDDRIVE SD1 ON WOOD, LAMINATE, AND COMPOSITE SURFACES

By utilizing these three basic installation steps, you can install the SolidDrive SD1 on wood, laminate, and composites on desks, counter tops, conference room tables and other porous surfaces.

### Getting Started with SolidDrive

#### What's included with the SolidDrive SD1 for installation on wooden surfaces

A SolidDrive SD1 consists of:

One (1) SolidDrive SD1 unit and attached wiring harness with Eurostyle connector. *\*No additional mounting materials are needed.*

- For wooden surfaces: The SolidDrive SD1 is designed with an oversized mounting base which is pre-drilled for mounting to wood surfaces.

*\*Installation requires four (4) wood screws up to #9 (supplied by the installer).*

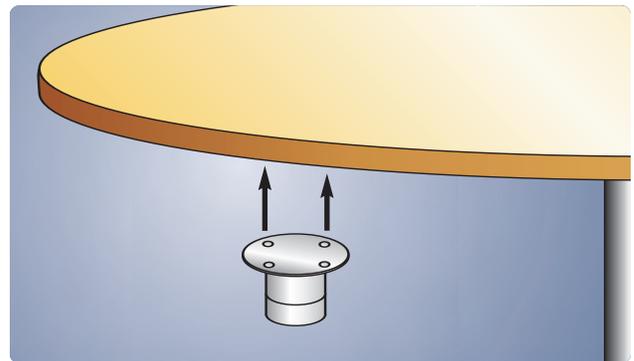
#### STEP 1. Mount the SolidDrive SD1 to wood, laminate, and composite surfaces.

The SolidDrive SD1 can be installed directly to wooden surfaces to deliver high-quality sound. Even if your existing offices or conference rooms aren't wired for audio, the SolidDrive SD1 provides a convenient solution and installs underneath desks, counter tops and conference room tables so the sound source is not visible.

When using the SolidDrive SD1 for a wooden surface be sure to order it without the mounting bracket which is for in-wall and in-ceiling installations only. The oversized mounting base on the SolidDrive SD1 allows it to be screwed directly to the underside of furniture. For maximum output each SolidDrive channel should have available at least 20 square feet of surface area.

The SolidDrive SD1 should be surface mounted with the oversized mounting base facing the mounting area. The mounting base is the audio output side opposite the label. For surfaces made of wood, laminates, and composites the SolidDrive SD1 should be screwed directly to the surface.

Figure 1. Mounting the SolidDrive SD1 to a table



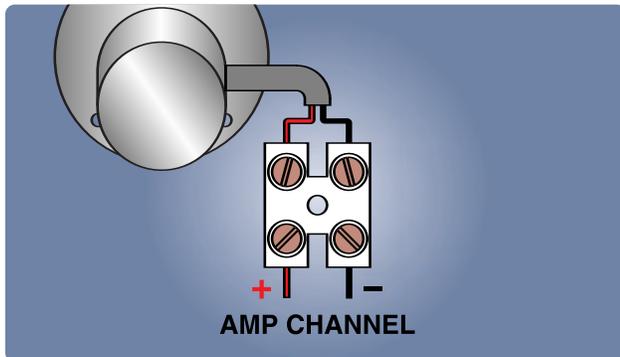
Once you have determined where to mount the SolidDrive SD1 use the appropriate length wood screws to attach it securely to the surface. The best mounting location is typically out of sight on the underside or back of desks, counter tops, conference tables or other office/home furniture. The four pre-drilled mounting holes on the SolidDrive SD1 oversized mounting base will hold wood screws as large as #9.

Some installations may require that pilot holes be drilled into the surface material due to its hardness especially if larger, coarse thread screws are used.

## STEP 2. Make the electrical connections.

Make the electrical connection between the SolidDrive SD1 and the speaker cable using the Eurostyle connector attached to the end of the SolidDrive SD1 audio cable. The polarity of the wiring is clearly indicated (Figure 2).

Figure 2. Eurostyle connector



## STEP 3. Equalize the SolidDrive SD1 sound system

The surface material plays a key role in the system's sound performance. To ensure an optimal listening experience the installer **MUST** equalize the SolidDrive SD1 system. Equalization is accomplished by using the SolidDrive Wood Passive Equalization Module or using the auto equalization feature available on some receivers. *\*Additional information about the SolidDrive Drywall Passive Equalization Module can be found on the back cover of this guide.*

## INSTALLATION IS NOW COMPLETE – ENJOY THE SOLIDDRIVE SD1 SOUND SYSTEM

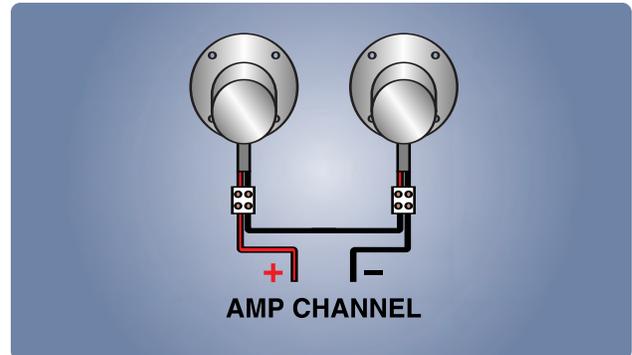
Now that you've completed the installation process and equalization, you can enjoy the True Audio Perfection of the Induction Dynamics SolidDrive SD1 sound system.

## HIGH OUTPUT INSTALLATIONS

For installations requiring high output, such as a large conference table or other high output type applications, two SolidDrive SD1's should be used for each of the high output channels. For example the left, right, and center channel of a home theater or the left and right channels of a high output stereo system. The two SD1's should be wired in series for each of the high

output channels (Figure 3). For maximum output each SolidDrive channel should have available at least 20 square feet of surface area.

Figure 3. SolidDrive SD1's wired in series for high output installations



# SolidDrive™



## SolidDrive SD1 Specifications

Type	Full Range Transducer
Impedance	8 Ohm
Frequency Response (Hz)	70 Hz to 15 kHz
Recommended Amplifier Power	10 – 100 Watts
Dimensions	2.28" Diameter x 2.08" Height Mounting Plate 3.5" Diameter
Weight	1.2 lb. / .54 kg



## SOLIDDRIVE WOOD PASSIVE EQUALIZATION MODULE

The SolidDrive Drywall Passive Equalization Module increases the system's sound performance for optimal listening enjoyment by using notch filters to correct peaks in the frequency response. Use one (1) module with each SolidDrive SD1.

## SolidDrive Wood Passive Equalization Module Specifications

Connector Type	Eurostyle
Wire Size	16 guage
Dimensions	1.0" H x 2.875" W x 2.0" D
Weight	.27 lb. / .12 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.



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