



# SolidDrive®

INDUCTION DYNAMICS®

## INSTALLATION & USE GUIDE for SolidDrive SD1sm into wood, laminate, and composite surfaces

### Experience 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 SD1sm 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 SD1sm for installation on wooden surfaces

A SolidDrive SD1sm consists of:

One (1) SolidDrive SD1sm unit and attached wiring harness with Eurostyle connector. *\*No additional mounting materials are needed.*

► **For wooden surfaces:** The SolidDrive SD1sm 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).*

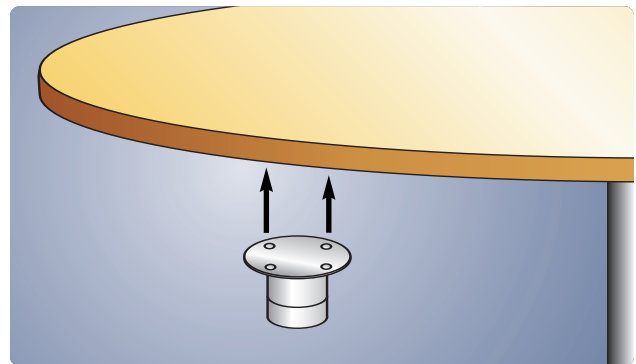
#### STEP 1. Mount the SolidDrive SD1sm to wood, laminate, and composite surfaces.

The SolidDrive SD1sm 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 SD1sm 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 SD1sm 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 SD1sm 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 SD1sm 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 SD1sm should be screwed directly to the surface.

Figure 1. Mounting the SolidDrive SD1sm to a table



Once you have determined where to mount the SolidDrive SD1sm 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 SD1sm oversized mounting base will hold wood screws as large as #9.

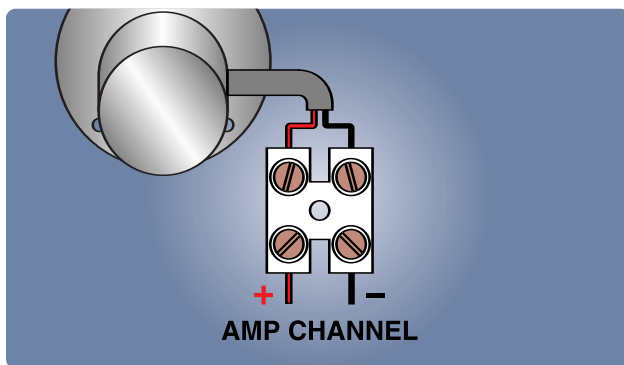
Some installations may require that pilot holes be drilled into the surface material due to its hardness especially if larger, course thread screws are used.

## STEP 2. Make the electrical connections.

Make the electrical connection between the SolidDrive SD1sm and the speaker cable using the Eurostyle connector attached to the end of the SolidDrive SD1sm audio cable. The polarity of the wiring is clearly indicated (Figure 2).

**NOTE:** When installed in Canada, this product must be installed in accordance with the Canadian Electrical Code, C22.1, Part 1.

Figure 2. Eurostyle connector



## STEP 3. Equalize the SolidDrive SD1sm 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 SD1sm system. Equalization is accomplished by using the optional SolidDrive Drywall Passive Equalization Module (not UL approved) or using the auto equalization feature available on some receivers.

## INSTALLATION IS NOW COMPLETE – ENJOY THE SOLIDDRIVE SD1sm SOUND SYSTEM

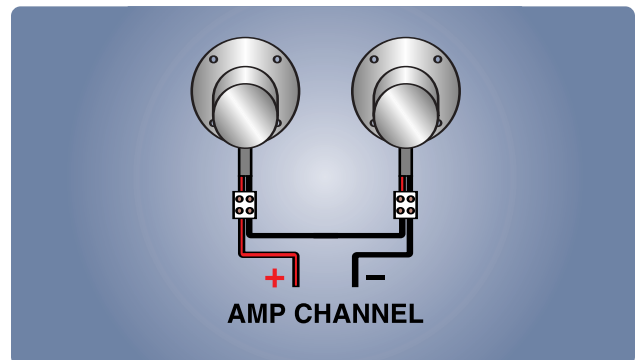
Now that you've completed the installation process and equalization, you can enjoy the True Audio Perfection of the Induction Dynamics SolidDrive SD1sm sound system.

## HIGH OUTPUT INSTALLATIONS

For installations requiring high output, such as a large conference table or other high output type applications, two SolidDrive SD1sm'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 SD1sm'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 SD1sm's wired in series for high output installations





### SolidDrive SD1sm 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
UL Listed	1480 & 2043

NOTE: When installed in Canada, this product must be installed in accordance with the Canadian Electrical Code, C22.1, Part1.



**INDUCTION DYNAMICS®** | **Audio Perfection Realized™**

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