



# SolidDrive™

INDUCTION DYNAMICS®



## INSTALLATION & USE GUIDE for SolidDrive SD1g on glass 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 SD1G ON GLASS SURFACES

By utilizing these three basic installation steps, you can install the SolidDrive SD1g on glass surfaces.

## Getting Started with SolidDrive

### What's included with the SolidDrive SD1g for installation on glass surfaces and what is supplied by the installer

A SolidDrive SD1g consists of:

One (1) SolidDrive SD1g unit and attached wiring harness with Eurostyle connector. *\*No additional mounting materials are needed.*

- **For glass:** For installation on glass surfaces, the SolidDrive SD1g comes with a VHB double-sided adhesive disc.

The SolidDrive SD1g can be installed on windows to deliver sound to glass storefronts and glass reception areas. The entire windowpane can become a speaker delivering both interior and exterior sound on single-pane glass. For double-pane glass, it is important to mount the SolidDrive SD1g to the side you wish to be audible.

The SolidDrive mounted to glass works great for these applications:

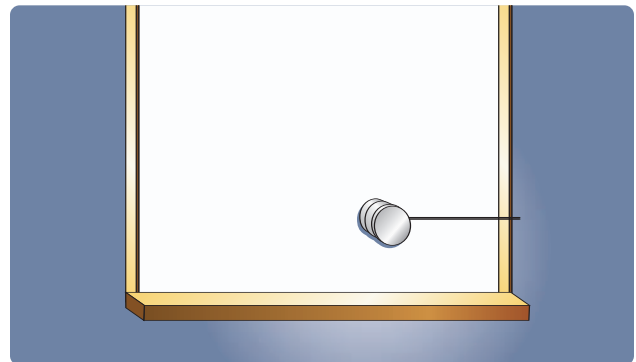
- Restaurants
- Mall stores
- Auto dealerships
- Department stores
- Stadium sky boxes
- Reception areas
- Glass atriums
- ANY pane of glass where you want audio delivered.

### STEP 1. Mount the SolidDrive SD1g onto the glass surface.

The SolidDrive SD1g should be mounted in an inconspicuous location of the window. Simply apply the VHB pad that comes with the drive to the base of the drive (the side opposite the label). Remove one side of the protective layers from the VHB disc and apply to the base of the SD1g. Then remove the other protective layer and apply to glass surface with moderate pressure.

When mounting the SolidDrive on the window, keep it about 4 to 6 inches from the window frame. The SolidDrive SD1g will have maximum output with at least 20 square feet of window surface space (Figure 1).

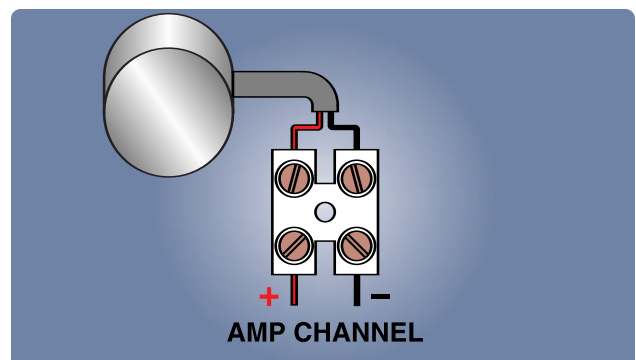
Figure 1. Mounting the SolidDrive SD1g to glass.



### STEP 2. Make the electrical connections.

Make the electrical connection between the SolidDrive SD1g and the speaker cable using the Eurostyle connector attached to the end of the SolidDrive SD1g audio cable. The polarity of the wiring is clearly indicated (Figure 2).

Figure 2. Eurostyle connector



**STEP 3. Equalize the SolidDrive SD1g 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 Glass Passive Equalization Module or using the auto equalization feature available on some receivers. *\*Additional information about the SolidDrive Glass Passive Equalization Module can be found on the back cover of this guide.*

**INSTALLATION NOW COMPLETE – ENJOY THE SOLIDDRIVE SD1G SOUND SYSTEM**

Now that you've completed the installation process and equalization, you can enjoy the True Audio Perfection of the Induction Dynamics SolidDrive SD1g sound system.

**HIGH OUTPUT INSTALLATIONS**

For installations requiring high output or on very large glass surfaces two SolidDrive SD1g's should be used for each of the channels with the two SD1g's wired in series for each channel (Figure 3). When mounting the SD1g on the glass surface, keep the drives approximately 4-6 inches apart and around 4-6 inches from the window frame.

Figure 3. SolidDrive SD1g's wired in series for high output installations

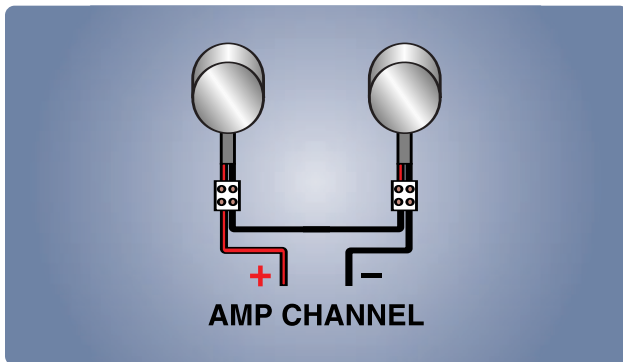
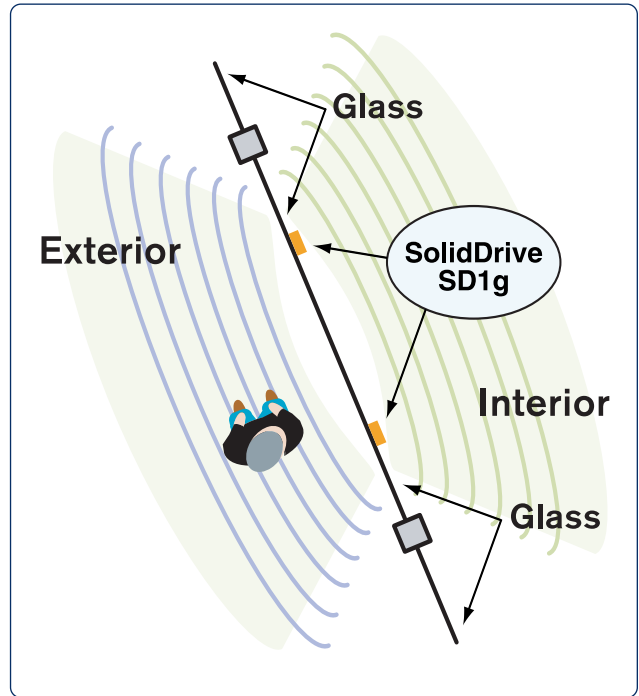


Figure 4. How the SolidDrive works on glass



With the SolidDrive SD1g you can make any window into a speaker and increase customer traffic, direct in-store flow and deliver timely sales and marketing messages.

# SolidDrive™



## SolidDrive SD1g 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
Weight	1.2 lb. / .54 kg



## SOLIDDRIVE GLASS PASSIVE EQUALIZATION MODULE

The SolidDrive Glass 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 SD1g.

## SolidDrive Glass Passive Equalization Module Specifications

Connector Type	Eurostyle
Wire Size	16 gauge
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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