

# MSK-1sm - Surface Mount Applications

Sound Transducer  
for Sound  
Masking  
Applications



## Specifications: MSK-1sm - Surface Mount Applications **Mounting hardware included**

Nominal Impedance	8 ohm
Frequency Response ( $\pm 3$ dB)	80 Hz - 10 kHz
Frequency Response ( $\pm 10$ dB)	70 Hz - 15 kHz
Max. Program Power	50W
Max. Continuous Power RMS	30W
Max. Power SPL @ 1 M	86 dB (Drywall)
Coverage Angle (-6 dB @ 10 kHz)	120
Coverage Angle (-6 dB @ 2 kHz)	120
Enclosure - material	Titanium adonized aluminum
Grille - material	N/A
Grille - part	N/A
Height (SM = Height)	52.34 mm / 2.06 in
Diameter (SM = Width)	58.6 mm / 2.30 in
Weight	0.5 kg / 1.2 lb
Shipping Weight	0.9 kg / 2.0 lb

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## Description

The MSK-1sm by SolidDrive is an economical hidden planar-source sound transducer designed for sound masking in wood-mount or other rigid-surface applications. . Featuring a rugged aluminum enclosure with neodymium magnets, the MSK-1sm uses technology similar to our patented SD1 transducers to transfer acoustic energy to the substrate. The result is extremely wide and even audio coverage and acoustical uniformity in the listening space. The MSK-1sm is mounted directly to the surface using wood screws (or other screws suitable for the surface).

## Patented SolidDrive Technologies

SolidDrive and MSE Audio Group constantly develop new technologies that enhance audio product performance. SolidDrive innovations are protected by

multiple U.S. and international patents, which explicitly cover SolidDrive dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect SolidDrive resellers and end users.

## Technical Data and Specification Tools

### Technical Data

SolidDrive strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at [www.soundtube.com](http://www.soundtube.com). Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

## Data Acquisition and Verification

All data for SolidDrive speakers are independently collected from and verified by NWAALabs ([www.nwaalabs.com](http://www.nwaalabs.com)) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

## Architectural Specifications

No specifications currently.

### SolidDrive

8005 W. 110th St. / Suite 208  
Overland Park, KS 66210  
Phone 913.663.5600  
Fax  
Toll Free 855.663.5600  
<http://soliddrive.mseaudio.com>  
All SolidDrive products come with a 5-year limited warranty.

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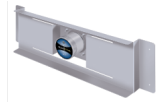
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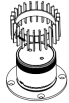
## Optional Accessories

**Drywall EQ**



**SD1 Mounting Bracket**

**Glass EQ**



**Heat Sink Fins**

**Wood EQ**