

# Roadworx Sound Masking Solutions RWSM-HDN. (Hidden Speaker)

Sound  
Masking



## Hidden Sound Masking Speaker for Closed Offices and Hard Ceiling Areas

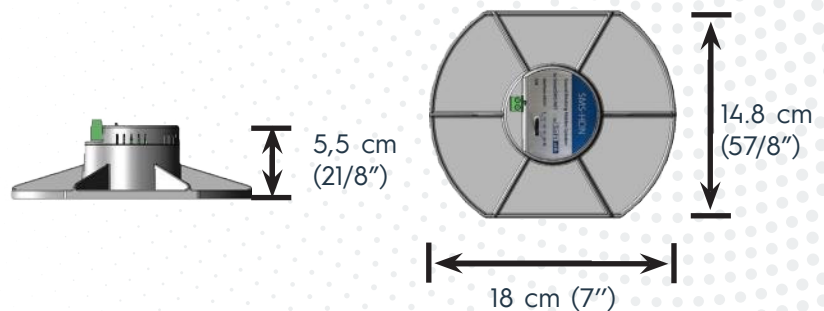


Hidden within the plenum and mounted to the back of suspended ceiling tiles or gypsum board drop ceilings, the RWSM-HDN converts these ceiling surfaces into large loudspeakers, providing an impressively diffuse and clear sound field.

When used in closed offices, the RWSM-HDN speaker allows for independent volume control of the masking sound between adjacent offices or open areas, solving the problem of masking sound leakage between adjacent areas through the open plenum.

The RWSM-HDN is also an improved alternative to surface-mounted speakers in the case of gypsum, wood or any drop ceilings. Unlike surface or direct-field speakers, the RWSM-HDN does not create acoustical hot spots, providing a significantly more diffuse sound field for excellent sound masking uniformity.

The RWSM-HDN provides an innovative alternative to surface speakers to obtain uniform sound masking, clear paging & music, and without any compromise on the aesthetics of the ceiling.



# RWSM-HDN.

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Specifications	
Power	5 W
Line Voltage	25 V
Enclosure Material	Fireproof Lexan UL-94-V0
Frequency Response	100 Hz to 10 kHz
Output Level (W/m)	70 dBA <sup>1</sup>
Connectors	Screw-On
Driver	Vibration Exciter
Level Adjustment	Sliding switch 0 to -6 dB; -1.5 dB step
Max Speakers/Channel	ML-SL Controllers: 4/ch RL96/CMS-II Controllers: 6/ch
Certification	UL2043
Mounting	Adhesive <sup>2</sup>
Colour	White (RAL9016)
Weight	0.47 kg (1.0 lbs)
Overall Dimension	18 x 14.8 x 5.5 cm (7 x 57/8 x 21/8)
Shipping Weight	0.55 kg (1.2 lbs)
Box Dimensions	21.5 x 17 x 8 cm (7 x 6½ x 3¼")

1- Typical value for gypsum board

2- Construction adhesive; 3M spray can also be used on clean surface