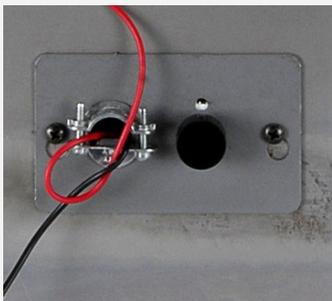


DUKANE

SM400

Sound Masking System



The loudspeaker includes a built-in 4W, 70V rotary select transformer and is pre-wired for easy connection to the noise generator/amplifier.



The noise generator/amplifier allows white or pink noise and balanced line level output plus 4W, 70V output.

Sound Masking Systems from Dukane are designed for open office spaces where there is a need for conversational privacy. The SM Series includes all the components required for a complete installed solution. The innovative loudspeakers are designed to fit above a standard ceiling tile grid and install quickly and easily. The noise generator and amplifier is perfectly suited for basic sound masking systems. All the necessary parts are included from the speaker wire to the wall conduit. If you are looking to increase the privacy of your small office space and are looking for a turnkey solution then Sound Masking Systems from Dukane are an easy choice.

System Includes:

- Four (4) sound masking loudspeaker assemblies
- Sound masking generator with built-in amplifier
- Plenum speaker wire
- Adhesive wall surface raceway
- Programmable digital outlet timer
- Wire caps, security cables and installation parts

DUKANE CORPORATION

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SM400

Sound Masking System



Noise Generator/Amplifier Specifications

Inputs	
Noise Generator	Internal Pink & White Selectable
Type	Qty 1, Balanced Line
Connection	Removable 3 Position Captive Screw 3.5mm Spacing
Impedance	300Ω Balanced, 150Ω Unbalanced
Line Output Level	Maximum Output 500mV
Type	Qty 1, Speaker Out 70V Masking Systems
Connection	Removable 3 Position Captive Screw 3.5mm Spacing
Line Output Level	Maximum Output 4W
Controls	
Level Control	Qty 1, Removable Knobs with Security Covers
Noise Generator Select	Pink or White
Line Out Select	Pre or Post EQ
EQ Adjust	Recessed Screw Driver
Power Indicator	Blue
Electrical	
Topology	Random Analog
Frequency Response	20Hz - 20kHz, Line Out Pre EQ Only
EQ Filter	High Cut, Variable, 1kHz - 7kHz/6dB
Power Requirements	
24VDC	250mA
Average Power Consumption Current	100mA
Average Power Consumption VA Watts	2.4W
Dimensions (W x D x H)	4" x 2.5" x 1.5"
Weight	0.5 lb

Loudspeaker Specifications

Installation	Placed upward-facing on 24" wide ceiling tile on conventional suspended ceiling grid
Primary Use	Equalized random noise
Secondary Use	Signal tones or equalized voice
Average Sensitivity	95 dB-SPL 1W/1M
Loudspeaker Power Rating	20W RMS, EIA 426A Standard
Calculated Output	101 dB SPL, 5W/1M
Magnet Type, Weight	BeFe Ceramic, 10 oz
Frequency Response	65 Hz - 17 kHz EIA 426A Standard
Nominal Coverage Area	100° Included Angle, -6 dB / 2 kHz, Half space
Audio Connection	Pre-cut 7" color coded leads
Mechanical Connection	Seismic tie-offs provided on top of the unit if required by AHJ
Transformer	70V 4W-5tap Color Coded Leads (4W, 2W, 1W, 0.5W, 0.25W)
Dimensions (L x W x H)	24" x 12" x 4"
Weight	5.75 lbs

System Specifications

Speaker Wire	75', 18 ga, 2 conductor, plenum
Surface Raceway	6', 0.75" wide
Shipping Dimensions	Carton 1 & 2: 26" x 11" x 15" Carton 3: 29" x 25" x 8"
Shipping Weight	Carton 1 & 2: 15 lbs ea. Carton 3: 20 lbs