

# SM Sound-masking (8-in. / 12W)



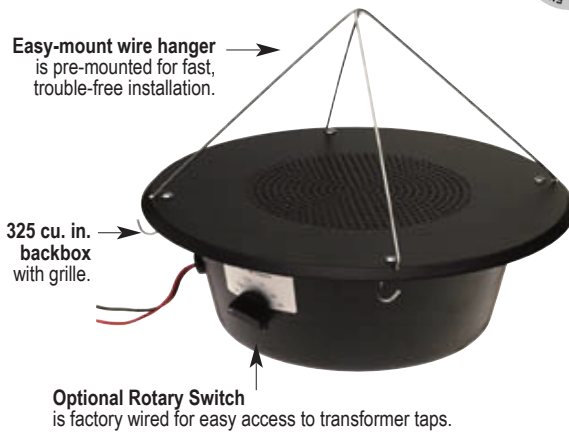
## Description:

In general, the purpose of a sound-masking system is to provide greater conversational privacy and productivity in an open-office environment by adding noise and shaping the signal to mask speech. The noise signal is fed from a noise generator with a built-in or separate amplifier to sound-masking speakers that are positioned out-of-view above the ceiling tiles.

The SM-601 series of sound-masking speakers are shipped completely assembled for suspended installation. Series includes a 12W speaker driver with a factory-wired 70V-5W transformer mounted within a 325 cubic inch backbox with grille, pre-installed wire hangers, and separate 4' chain. The installer-friendly system features externally accessible speaker leads that are color coded and exit the enclosure through a strain relief clamp. The backbox is galvanized and the grille has a black powder epoxy finish.

Lowell's unique wire hangers allow for fast, trouble-free installation with easy positioning of the masking speaker for upward dispersion. Each pre-mounted hanger is formed of rigid, plated wire for stable and kink-free single-point suspension from the structural deck using the "S" hook and 4' chain provided.

Optional rotary switch is available factory-installed. The switch is an externally accessible, six position rotary with knob adjustment to provide a convenient method of changing transformer taps. A rotary switch is particularly useful as system needs expand and/or change.



## Features:

- Ships completely assembled and ready-to-install.
- Assembly Includes:
  - 8" / 12W driver with factory-mounted transformer
  - 325 cu.in. backbox with grille
  - Externally accessible leads
  - Mounted wire hangers
  - Separate 4' chain

## Options:

- **Rotary Switch:** Assembly Model SM601-70RS shall include a factory-mounted, six position rotary switch with a knob on the outside of the backbox for selection of transformer taps.

## A & E Specifications

The sound masking speaker assembly for suspended ceiling installations shall be Lowell Model \_\_\_\_\_. The assembly shall include a speaker driver with factory-wired transformer mounted within a 325 cu.in. backbox with grille, externally accessible speaker leads, attached wire hanger and 4' chain. The assembly driver shall be an 8" dual cone with a power rating of 12W. The wired transformer shall be 70V with primary taps at 5, 2, 1, .5, and .25 watts. Speaker leads shall exit the backbox through a strain relief clamp. The backbox shall be galvanized steel with undercoating to eliminate acoustic and metallic resonance. Additionally, the backbox shall be lined with foam acoustical material to further eliminate internal reflections. To seal the assembly and protect the driver from dust and foreign matter there shall be a cover gasket of reticulated polyurethane with an approximate opening of 60 percent between the driver and the grille. Suspension mounting shall be easily accomplished by connecting the provided "S" hook and 4' chain to the pre-installed wire hangers. Wire hangers shall be factory-mounted for upward sound dispersion.

Model No.	Driver	Driver Type	Power Rating	Transformer Taps	Backbox Volume (cu.in.)	Dispersion Angle	Installed Options
SM601-70	805	8" dual cone (5oz.)	12W	70V: 5, 2, 1, .5, .25W	325	up	-----
SM601-70RS	805	8" dual cone (5oz.)	12W	70V: 5, 2, 1, .5, .25W	325	up	rotary switch

**Dimensions**

