

# CMS-II

## Compact Sound Masking System

The **CMS-II** is a complete sound masking system packed with advanced technologies yet simple to use with its touch screen interface. Tailored for small and medium offices of approximately 5,000 ft<sup>2</sup> (465 m<sup>2</sup>) or less, the CMS-II provides optimum sound masking performance at a reasonable price.

Each **CMS-II** provides:

- Touch-screen user interface
- 1 or 2 speaker outputs (zones)
- Up to 12 speakers per zone
- Independent settings for each zone
  - Volume adjustment
  - Bass/treble adjustment
  - 12 pre-set equalizers to fit the sound environment
  - Adjustable ramp-up period.
- Music/Paging:
- Paging trigger to lower sound masking volume while paging
- Emergency mute relay
- 2-Level pass code locking
- Versatile enclosure with multiple configurations:
  - Desktop
  - Wall-Mount
  - Flush-Mount



The CMS-II works with the complete range of Soft dB sound masking speakers therefore allowing the system to be installed in virtually any office configurations: open offices, closed offices, meeting rooms, ceiling tiles, open ceiling, raised floors, radiant metal ceilings, etc.



Flush-mount



## Specifications

Speaker Outputs (Zones)	CMS-II-2Ch	CMS-II-1Ch
Nb Outputs (Zones)	2	1
Max Nb Speakers/Output	12	
Connector	2-pos. screw terminal	
Sound Masking		
Volume	±10 dB with respect to selected pre-set equalizer	
Equalizer	12 pre-set equalizers to fit the sound masking environment and ±5dB Bass/Treble	
Volume Ramp-Up	User defined, 1day to 4 weeks	
Music and Paging		
Input	1 (Stereo, ±1.5V range)	
Connector	3-pos. screw terminal (Left, Gnd, Right)	
Mixer	Independent for each zone	
Volume	0-100% in 1% step	
Equalizer	±5dB Bass/Treble	
Emergency Mute Relay		
Input	1	
Connector	2-pos. screw terminal, isolated	
Function	Mute sound masking (and music/paging if required), for UL2572 compliance	
Power	CMS-II-2Ch	CMS-II-1Ch
Rated Power	50W	25W
Operating Voltage	24V	
Connectivity	Barrel connector or 2-pos. screw terminal for wall-mount configuration	
Physical		
Size	168mm x 124mm x 47mm (6 5/8" x 4 7/8" x 1 13/16")	
Weight	450g (1.0lb)	
Mounting Configuration	Desktop, Wall-mount (with built-in key-holes), or Flush-mount*	
Warranty		
Warranty	5 years	

### Certifications – ETL Listed 3191772

UL 62368– Standard for Audio, Video and Similar Electronic Apparatus – Safety Requirements

FCC – EN 55103-1&2 – Electromagnetic compatibility-Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emissions, Part 2: Immunity

### Related ASTM Standards

ASTM E1374-06 (11) – Standard Guide for Open Office Acoustics and Applicable ASTM Standards

ASTM E1573-09 – Standard Test Method for Evaluating Masking Sound in Open Office Using A-Weighted and One-Third Octave Band Sound Pressure Levels

ASTM E1130-08 – Standard Test Method for Objective Measurement of Speech Privacy in Open Offices Using Articulation Index

ASTM E2638 – Standard Test Method for Objective Measurement of Speech Privacy Provide by Closed Rooms

\*Can be installed directly in the wall or using a 3-Gang NEMA device box

