# VA-CMS

## VoiceArrest Compact Sound Masking System

The VA-CMS 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 ft² (465 m²) or less, the VA-CMS provides optimum sound masking performance at a reasonable price.

**Each VA-CMS  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

| Specifications | | |
|---|---|---|
| Speaker Outputs (Zones) | VA-CMS-2Ch | VA-CMS-1Ch |
| Nb Outputs | 2 | 1 |
| Max Nb Speakers/Outputs | 12 | |
| Connector | 2-pos. screw terminal | |
| Sound Masking | | |
| Sound Masking Volume | ±10 dB with respect to selected pre-set equalizer | |
| Sound Masking Equalizer | 12 pre-set equalizers to fit the sound masking environment and ±5dB Bass/Treble | |
| Sound Masking 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 | VA-CMS-2Ch | VA-CMS-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 Stound 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