

VA-24S-4CH

VoiceArrest Controller

- Up to 4 output channels
- Up to 6 speakers per channel
- Independent equalizer for each channel
 - 340 narrow bands automatic equalizer
 - 19 1/3 octave bands automatic or manual equalizer
- High-powered amplifier providing 88 dBA at 1m
- Up to 2 inputs for active volume control sensors
- 4 music and paging inputs with independent 1/3 octave equalizers for each output channel
- 2 inputs for wall mounted volume control knobs

| Specifications | |
|------------------------------|--|
| Can Be a Project Master | No |
| Outputs | |
| Nb Outputs | 4 |
| Max Nb Speakers/Outputs | 6 |
| Max Nb Speakers/Controller | 24 |
| Sound Masking | |
| Sound Masking Volume | 30 to 88 dBA in 0.1 dB steps and mute |
| Sound Masking Equalizer | Auto-calibration process in 340 narrow bands of 19 1/3 octave bands from 100Hz to 6.3kHz |
| Sound Masking Ref Spectrum | 13 pre-set sound masking reference spectrums, unlimited user defined spectrums |
| Sound Masking Volume Ramp-Up | User defined, up to 30 days |
| Active Volume Control | |
| Nb Sensor Inputs | 4 |
| Max Nb Sensors/Input | 6 |
| Control | Independent sound masking volume adjustment for each output channel |
| Masking Volume Change Rate | Adjustable down to 0.1 dB steps, updates every 15s |
| Active Adjustment Range | User defined; maximum range: -7 to +3 dB relative to reference masking level |
| Music and Paging | |
| Nb. Inputs | 4 |
| Mixer | Independent for each output channel |
| Volume | 30 to 92 dBA in 0.1 dB steps and mute |
| Equalizer | 20 1/3 octave bands (125Hz to 6.3kHz) |



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|-----------------------------|---|
| Volume Control Knobs | |
| Nb. Inputs | 2 |
| Mixer | Independent for each output channel (Sound Masking and/or Paging and Music) |
| Volume Range | User defined |
| Volume Schedule | |
| Schedule | 24 hour periods per day, 7 days |
| Volume | 0.1dB steps |
| Transition Ramp | Instant, 2min30sec, 5min, 10min, or 15min |
| Schedule Mixer | Independent for each output channel (Sound Masking and/or Paging and Music) |
| Daylight Saving Time | Automatic Adjustment depending on local time zone settings |
| Monitoring | |
| Diagnosis | Automatic |
| Reporting | System diagnosis report sent by email and/or stored locally |
| Requirement | Computer running Project Manager Software |
| LEED | |
| Feature | Controller can be put in low power mode according to a daily schedule |
| Schedule | 7 daily periods per week (user defined) |
| Connectivity | |
| USB | USB 2.0, Mini B connector |
| Wifi | 802.11b/g/n, WEP 40/64-bits or WPA/WPA2 personal, 450 kbps |
| Ethernet | DHCP or Static IP, 350 kbps |
| Power | |
| Input | 24 VDC |
| Rating | 25 W |
| Available Power Supply | 50W, 120W and 160W (Higher power needed when powering multiple controllers) |
| Physical | |
| Dimensions | 191mm x 135mm x 28mm (7.5" x 5.3" x 1.1") |
| Weight | 300g (0.7lb) |
| Certifications | |
| Compliance | ETL Listed 3191772 |
| Safety | UL 60065 / ULC 60065 |
| Fire Test | UL 2043 |
| Electromagnetic | FCC – EN 55103-1&2 |

1: A shared input can be an active volume control sensor input OR a paging/music input.

2: Wifi module can be disabled if it's not required