

# VOKON Analog/Dante Converter Panel

## VM-XAD22



### Product Overview

VM-XAD22 is a compact professional Dante audio wall panel powered by Dante Ultimo 2 chipset, delivering lossless analog-Dante audio conversion for conference rooms, lecture halls and commercial AV projects. It adopts PoE power supply for simple cabling without extra adapters, with neat 110×110×50mm wall-mounted form factor for flush installation.

Boasting premium audio specs: 20 dB max analog gain,  $\pm 0.2$  dB flat frequency response (20 Hz–20 kHz), +8 dBu balanced max output level, ultra-low THD+N <0.002% at 4 dBu and -97 dBu noise floor. It features 20 k $\Omega$  input impedance, 100  $\Omega$  output impedance and 100 dB channel crosstalk isolation at 1 kHz, eliminating signal interference. Balanced analog I/O ensures stable, transparent sound reproduction, ideal for distributed network audio systems.

### Suitable for applications including:

- ✓ Multi-functional conference rooms
- ✓ Auditoriums and lecture halls
- ✓ Office audio distribution systems
- ✓ Commercial exhibition halls
- ✓ Hotel meeting suites
- ✓ Campus classroom audio networks
- ✓ Public broadcasting venues
- ✓ Smart building audio projects



### Key Features

1. Wall-mounted embedded Dante audio wall panel with 2 analog input channels and 2 analog output channels, adopting Ultimo 2 Dante chip for stable network audio transmission
2. Supports up to 20dB adjustable analog gain, with ultra-flat frequency response of  $\pm 0.2$ dB across 20Hz–20kHz for high-fidelity sound reproduction
3. Outstanding audio performance: THD+N less than 0.002%, -97dBu ultra-low noise floor and 100dB channel crosstalk suppression at 1kHz
4. Balanced signal interface supports maximum +8dBu signal level, 20k $\Omega$  input impedance and 100 $\Omega$  output impedance to reduce signal loss
5. PoE power supply design, no extra DC power adapter required for convenient on-site wiring
6. Compact size of W110 × H110 × D50mm, flush wall installation to keep interior wiring neat and aesthetic
7. Independent volume adjustment knobs for dual channels, intuitive operation and flexible audio level control on site
8. Standard XLR balanced input and output ports, durable connectors for frequent plug-and-play in conference and venue audio systems

### Technical specifications

|                            |                              |
|----------------------------|------------------------------|
| Model                      | VM-XAD22                     |
| Analog Input Channels      | 2 channels                   |
| Analog Output Channels     | 2 channels                   |
| Dante Module Model         | Ultimo 2                     |
| Max Analog Gain            | 20 dB                        |
| Frequency Response         | 20 Hz – 20 kHz, $\pm 0.2$ dB |
| Max Balanced Signal Level  | +8 dBu                       |
| THD+N                      | < 0.002% @ 4 dBu             |
| Noise Floor                | -97 dBu                      |
| Input Impedance            | 20 k $\Omega$                |
| Output Impedance           | 100 $\Omega$                 |
| Channel Crosstalk          | 100 dB @ 1 kHz               |
| Power Supply Mode          | PoE power supply             |
| Overall Dimensions (W×H×D) | 110 × 110 × 50 mm            |