wallnode

The Smart Audio Solution for Small Spaces

Wallnode is a PoE-powered, wall-mounted audio panel designed for smaller spaces such as spas, boutiques, huddle rooms, and dressing rooms. This compact device provides ambient audio and emergency messaging, delivering exceptional sound quality along with intuitive user controls for volume adjustment and channel selection.

In the event of emergency messaging or fire alarms, wallnode can override user volume and channel settings. This feature positions it as a safer choice compared to traditional potentiometer-controlled volume attenuators.

Designed to fit into a standard dual-gang box, wallnode offers an easy-to-deploy audio solution tailored to the unique needs of small spaces. To set it up, simply connect wallnode to your speaker and Ethernet with an AES67 audio source.

Being PoE-powered and compatible with the Q-sys ecosystem, wallnode seamlessly integrates into your existing setup, providing you with an enhanced and controlled audio experience.

key features

- Maximum continuous **output power of 10W**

- **Intuitive control** using two rotary encoders and LED bars to adjust volume and select from up to 10 audio channels

- Wallnode's architecture ensures **emergency paging** always comes through

- Receive high-quality audio over **AES67** for integration into your audio infrastructure

- Set-up local **audio processing** using built-in DSP to match your speaker

- Trust your audio devices following latest **IT and physical security** standards

- Seamless integration with **Q-sys**

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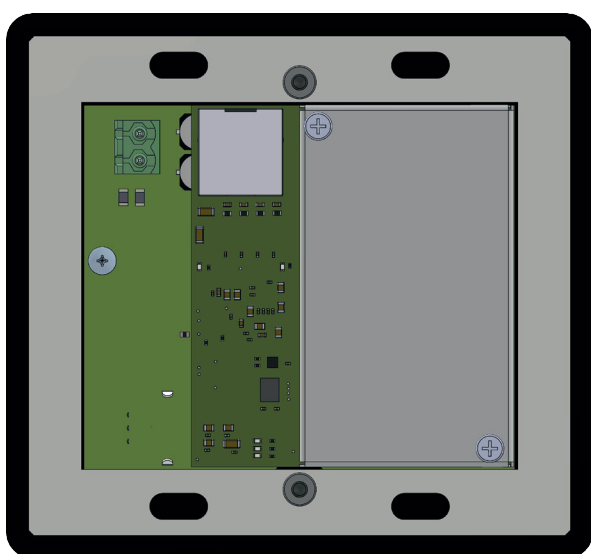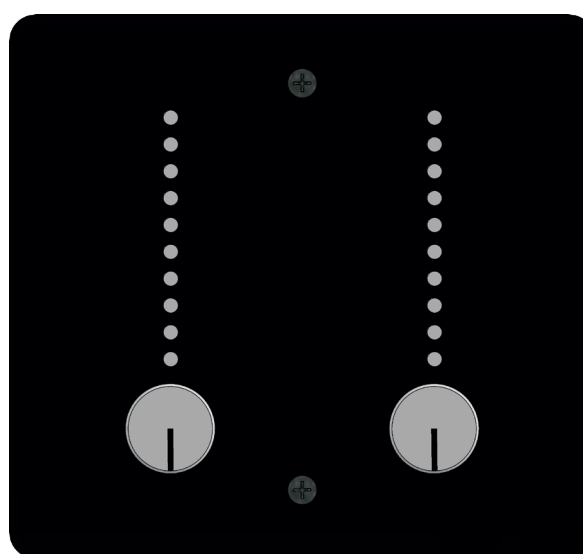|	
Description	PoE powered networked wall controller with built in 10W audio amplifier
Audio	Frequency response: 20 hz – 20 kHz, 4/8 Ohm speaker Maximum continuous output power @ 8 Ohm speaker: 8W, 0.1% THD+N Maximum continuous output power @ 4 Ohm speaker: 10W, 0.1% THD+N Signal to noise ratio 108 dB
Connectivity	1 x LAN RJ45 1000 Mbps with PoE
DSP	15+ Component library API library
User Interface	10 Led volume indicator Volume rotary encoder 10 Led channel select indicator Channel select rotary encoder Web-based configuration interface Cloud-connected
Security	Secure boot Encrypted firmware Secure enclave chip Optional AES256-GCM encryption for AES67
Compatibility	Q-sys compatible
Environmental	Operating temperature range 32 °F – 122 °F (0 °C – 50 °C) Storage temperature range 14 °F to 140 °F (-10 °C – 60 °C)
Power	IEEE 802.3af power over Ethernet (PoE)
Dimensions	111 mm (W) x 42 mm (D) x 107 mm (H) US 2-gang box compatible 400 g w
Accessories	Mounting kit

REAR VIEW

FRONT VIEW