

NEXUS NODE 1

CONFIGURABLE WALL CONTROL PANEL



Die Liebe zur Musik

Connect. Process. Control.

NEXUS NODE 1 is a compact network wall control interface for compatible DSP audio systems. It combines PoE connectivity, a local colour TFT display and intuitive physical controls in an 86-type wall-panel format.

Local control, designed for installed audio. Users can select configured channels or zones, adjust volume, mute audio and access assigned functions directly from the panel.



KEY FEATURES

86-Type Wall Mount

Designed for installation in a standard 86 wall box.

PoE Powered

PoE operation with external 12 V / 1 A DC adapter support.

2-Inch Color TFT

Displays IP address, host/device information, volume, channel and zone status.

Rotary Encoder

ENTER / volume encoder provides intuitive local navigation and level control.

4 Configurable Keys

Assign volume, mute, scene/preset recall, TCP/UDP commands, matrix routing and camera-tracking commands.

Network Control

1 × RJ45, 10/100/1000 Mbps network connection with TCP/IP and UDP control.

Multi-Panel Control

Up to 8 panels can control one DSP host simultaneously in real time.

Magnetic Frame

Supplied magnetic metal mounting frame simplifies installation and servicing.

APPLICATIONS

Conference Rooms

Local volume and source control

Multi-Functional Halls

Distributed zone control

Hotels

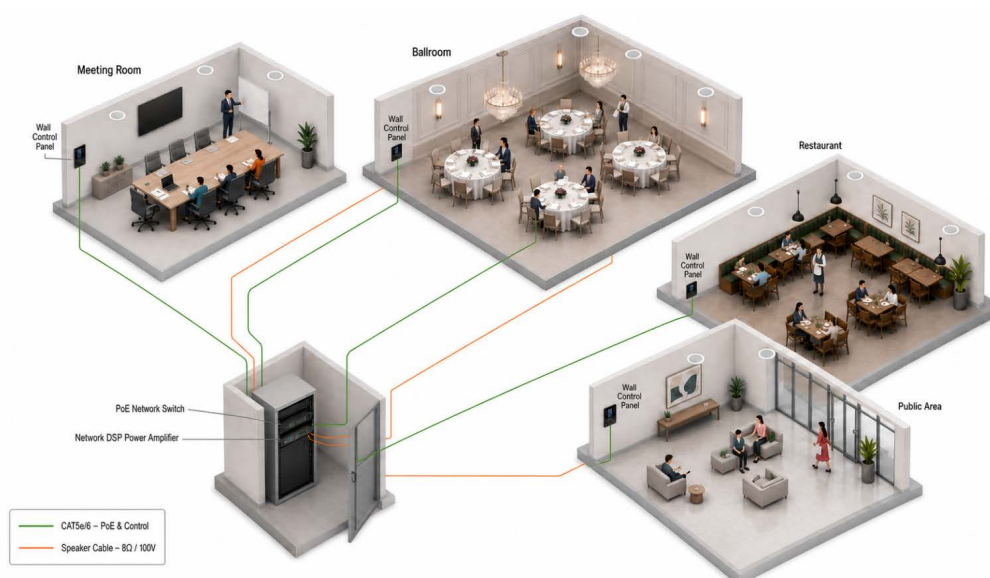
Guest-area audio control

Shopping Malls

Convenient local operation

Sports Stadiums

Zone and source management



NEXUS NODE 1 • Networked local control for modern DSP installations.

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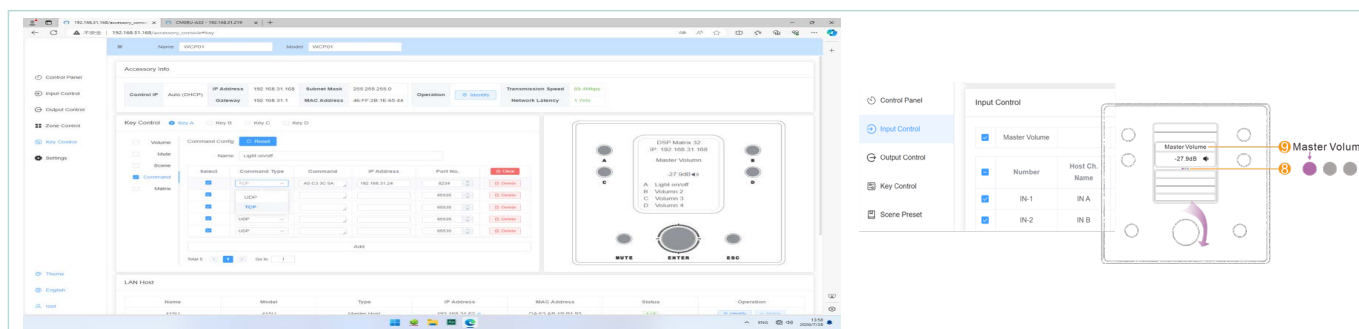
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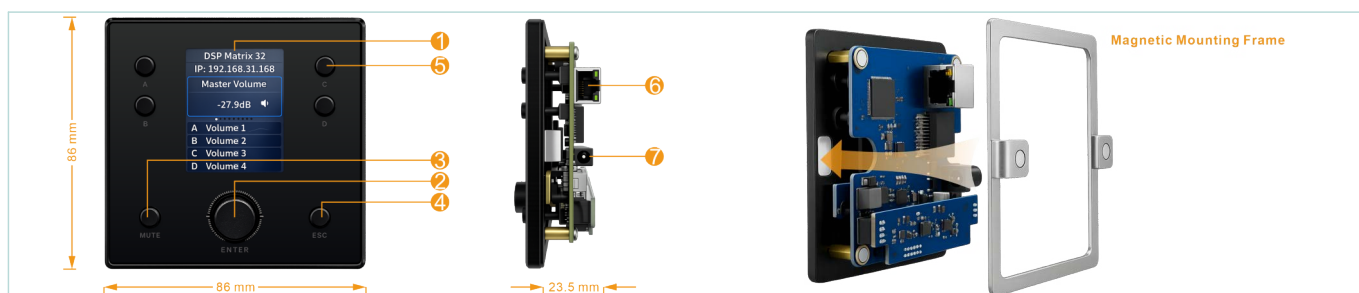
SYSTEM INTEGRATION

- Connect NEXUS NODE 1 to the local network through its RJ45 interface.
- Provide PoE power from a compatible PoE network switch, or use the specified external DC adapter.
- Use **VAL NEXUS Control** via a browser for setup, channel/zone selection and real-time management.
- Configure the four shortcut keys for volume, mute, preset/scene recall, TCP/UDP commands, matrix routing or camera-tracking commands.
- Up to 8 NEXUS NODE 1 panels can control one DSP host simultaneously in real time.



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Connector	1 × RJ45, 10/100/1000 Mbps
Control platform	VAL NEXUS Control; device IP address shown on display and entered in a browser
Control protocol	TCP/IP, UDP
Display	2-inch color TFT; host name, device IP address and status information
Controls	1 × ENTER / volume encoder; MUTE; ESC; 4 × configurable buttons
Power supply	PoE powered; power consumption < 1 W
PoE compatibility	IEEE 802.3af / 802.3at / 802.3bt PoE switches
External DC adapter	12 V / 1 A; 5.5 × 2.1 mm barrel plug; center positive
Operating temperature	-20 to 60 °C
Dimensions	Front panel: 86 (W) × 86 (H) mm; rear mounting depth: 25 mm
Accessory	Magnetic metal mounting frame
Weight	Device: 0.2 kg; package: 0.4 kg
Certification	CE



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