

## VX-3000PMQ

### PREAMP MATRIX PANEL



The VX-3000PM is a preamplifier matrix panel designed for exclusive use with the VX-3000 Series. The number of audio inputs, control inputs, and control outputs can be increased by connecting the VX-3000PM to the VX-3000 Frame via network. It is equipped with 8 audio inputs and their corresponding volume controls, 20 control inputs, and 10 control outputs. A single VX-3000PM unit can be connected to a single VX-3000 Frame, and a maximum of 40 units can be configured per system. Unicast audio transmission can be made among the VX-3000PM units, enabling broadcast activation and microphone announcement at multiple places.

## Key features

## Specifications

Power Source	20 – 33 V DC, removable terminal block (2 pins)
Current Consumption	0.33 A at 33 V DC input, 0.35 A at 24 V DC input
LAN A, B	Number of Connectors: 2 (LAN A, LAN B)Network I/F: 100BASE-TXNetwork Protocol: TCP, UDP, ARP, ICMP, RTP, IGMP, HTTPSpanning Tree Protocol: RSTPAudio Transmission System: TOA Packet Audio (*1)Audio Encoding Method: PCMAudio Sampling Frequency: 48 kHzAudio Quantifying Bit Number: 16 bitsConnection Device: VX-3004F, VX-3008F, VX-3016F, NX-300, VX-3000CT, VX-3000PM, Switching HUBConnector: RJ45 connectorConnection Cable: Category 5 twisted pair cable (CAT5) or greaterMaximum Cable distance: 100 m
Audio Input	8 inputsInput Level:Input 1 - 4: -60 dBV / -40 dBV / -20 dBV / 0 dBV selectable, input impedance 600 Ω, transformerbalancedInput 5, 6: -20 dBV, input impedance 10 kΩ, unbalancedInput 7, 8: 0 dBV, input impedance 10 kΩ, unbalancedFrequency Response: -60 dBV: 200 Hz - 10 kHz, -2 dB ±3 dB-40 dBV / -20 dBV / 0dBV: 100 Hz - 15 kHz, -2 dB ±3 dBDistortion: 1% or lessSignal to Noise Ratio: 60 dB or moreRemovable terminal block (6 pins x 2, 4 pins x 2)Only Input 1 is used in common with the front-mounted ø6.3 mm phone jack
Control Input	20 channels, no-voltage make contact input, open voltage: 30 V DC, short-circuit current: 2 -10 mAConnector: Removable terminal block (10 pins x 2, 12 pins x 2)
Control Output	Channels 1 - 5, relay (a contact), withstand voltage: 30 V DC, control current: 1 AChannels 6 - 10, open collector output (polarized), withstand voltage: 30 V DC control current 100 mAConnector: Removable terminal block (10 pins) x 2
Indicators	Signal Indicator (Green) x 8, Run (Green) x 1, LINK/ACT (Green) x 2
Volume Control	8 channels
Operation	Input level setting switch x 1, IP address setting switch x 1
Dimensions	482 x 44 x 292.4 mm
Weight	3.2 kg