

■DESCRIPTION

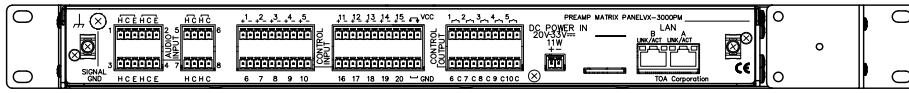
The VX-3000PM is a preamplifier matrix panel designed for exclusive use with the VX-3000 Series. The number of audio inputs, control inputs, and control outputs can be increased by connecting the VX-3000PM to the VX-3000 Frame via network. It is equipped with 8 audio inputs and their corresponding volume 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. It can be mounted in an EIA equipment rack (1U size).

■SPECIFICATIONS

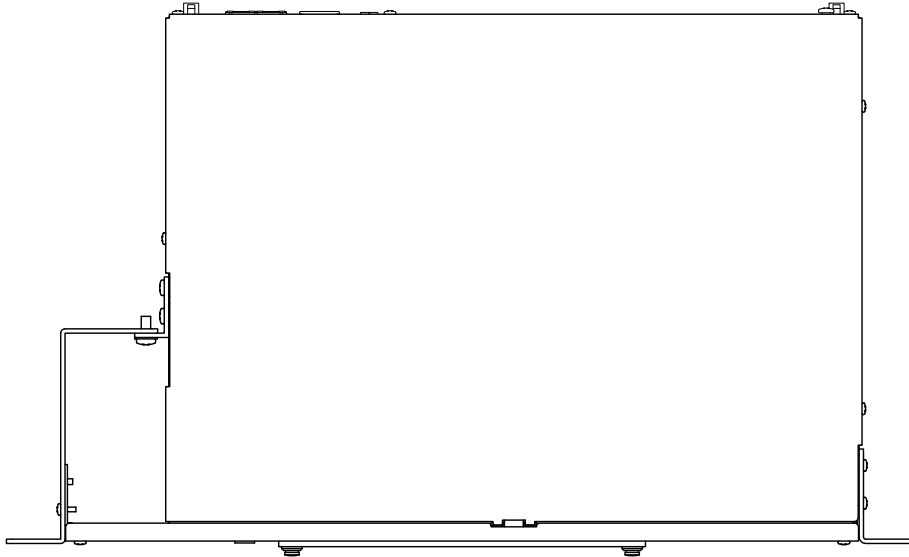
Power Source	20 - 33 V DC, removable terminal block (2 pins)
Current Consumption	0.33 A at 33 V DC input 0.35 A at 24 V DC input
LAN A, B	Number of Connectors: 2 (LAN A, LAN B) Network I/F: 100BASE-TX Network Protocol: TCP, UDP, ARP, ICMP, RTP, IGMP, HTTP Spanning tree Protocol: RSTP Audio Transmission System: TOA Packet Audio (*1) Audio Encoding Method: PCM Audio Sampling Frequency: 48 kHz Audio Quantifying Bit Number: 16 bits Connection Device: VX-3004F, VX-3008F, VX-3016F, NX-300, VX-3000CT, VX-3000PM, Switching HUB Connector: RJ45 connector Connection Cable: Category 5 twisted pair cable (CAT5) or greater Maximum Cable Distance: 100 m (328.08 ft)
Audio Input	8 inputs Input Level: INPUT 1 - 4: -60 dB (*2)/-40 dB (*2)/-20 dB (*2)/0 dB (*2) selectable, input impedance 600 Ω, transformer-balanced INPUT 5, 6: -20 dB (*2), input impedance 10 kΩ, unbalanced INPUT 7, 8: 0 dB (*2), input impedance 10 kΩ, unbalanced Frequency Response: -60 dB (*2): 200 Hz - 10 kHz, -2 dB ±3 dB -40 dB (*2)/-20 dB (*2)/0 dB (*2): 100 Hz - 15 kHz, -2 dB ±3 dB Distortion: 1% or less Signal to Noise Ratio: 60 dB or more Removable terminal block (6 pins × 2, 4 pins × 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 mA Connector: Removable terminal block (10 pins × 2, 12 pins × 2)
Control Output	Channels 1 - 5, relay (a contact), withstand voltage: 30 V DC, control current: 1 A Channels 6 - 10, open collector output (polarized), withstand voltage: 30 V DC, control current 100 mA Connector: Removable terminal block (10 pins) × 2
Indicators	Signal indicator (green) ...8, RUN (green) ...1, LINK/ACT (green) ...2
Volume Control	8 channels
Operation	Input level setting switch ...1, IP address setting switch ...1
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Panel: Pre-coated steel plate, black, 30 % gloss Volume control section cover: Acrylic resin, gray smoke
Dimensions	482 (W) × 44 (H) × 292.4 (D) mm (18.98" × 1.73" × 11.51")
Weight	3.2 kg (7.05 lb)
Accessory	Rack mounting screw ...4, Removable terminal plug (6 pins) ...2, Removable terminal plug (4 pins) ...2, Removable terminal plug (10 pins) ...4, Removable terminal plug (12 pins) ...2, Removable terminal plug (2 pins) ...1

(\*1) TOA's unique technology which makes it possible to transmit high-quality audio signals in real time over an IP network.  
(\*2) 0 dB = 1 V

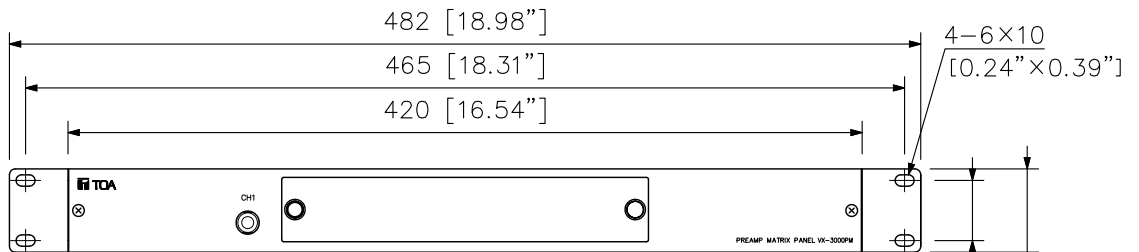
■ APPEARANCE



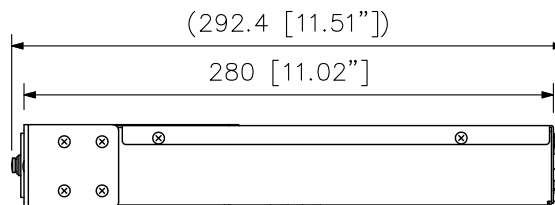
Rear View



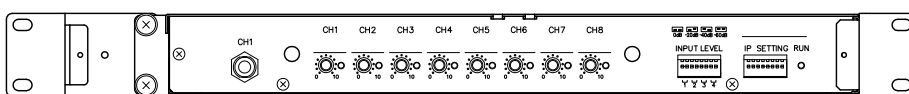
Top View



Front View



Side View



Front view without front panel

UNIT:mm SCALE:1/4

Note: Numerical value in parentheses is for reference only.