# TOA

## SYSTEM MANAGER                    VX-2000

### ■DESCRIPTION

The VX-2000 System Manager is an input matrix unit that assigns input signals to 4 audio buses, and functions as the VX-2000 system's main controller. A total of up to 8 units of the VX-200XI, VX-200XR, and 900 Series input modules can be mounted in a System Manager. The VX-2000 can control audio signal routing, priorities, and peripheral equipment, while input and output control settings are performed by way of a PC. Up to 2,000 system events and failures can also be recorded, and the log can be viewed from a PC.
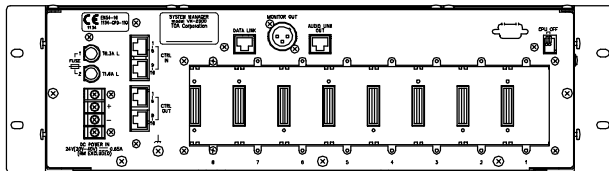
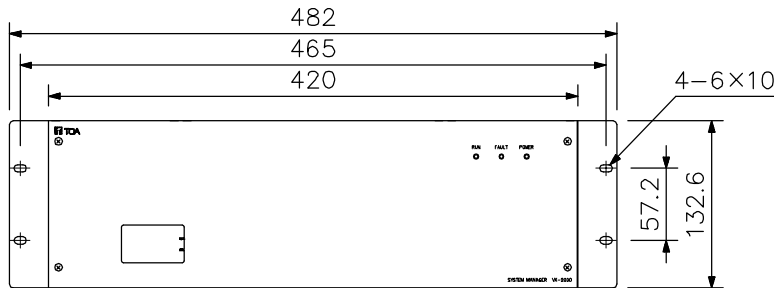### ■SPECIFICATIONS                                                              * 0 dB = 1 V

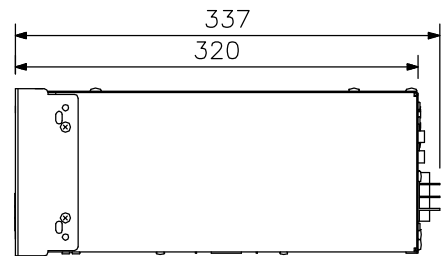| | |
|---|---|
| Power Source | 24 V DC (operating range: 20 - 40 V DC) <br> M3.5 screw terminal, distance between barriers: 8.8 mm |
| Current Consumption | Under 650 mA (20 V DC) |
| Input | -20 dB*, unbalanced, Number of module slots: 8 <br> Usable module: VX-200XR, VX-200XI, 900 series plug-in modules (M-01F, M-01M, M-01P, M-01S, M-01T, M-03P, M-51F, M-51S, M-51T, M-61F, M-61S, M-61T, U-01F, U-01P, U-01R, U-01S, U-01T, U-03R, U-03S, U-61S, U-61T) |
| Audio Link Output | Number of audio buses: 4 <br> 0 dB*, electronically balanced, RJ45 female connector <br> Twisted-pair straight cable (TIA/EIA-568A standard) |
| Monitor Output | 0 dB*, electronically balanced, XLR receptacle (3 pins) |
| Frequency Response | 20 Hz - 20 kHz |
| S/N Ratio | Over 60 dB |
| Distortion | Under 0.5 % |
| Cross Talk | Under -60 dB (1 kHz, 0 dB*) |
| Control Input | 16 inputs, no-voltage make contact, open voltage: 17 V DC, <br> short circuit current: Under 5 mA, RJ45 connector × 2 |
| Control Output | 16 outputs, open collector output, withstand voltage: 30 V DC, <br> control current: Under 5 mA, RJ45 connector × 2 |
| Chime Tone | Built-in chime: 4-tone chime (up)/4-tone chime (down)/2-tone chime/Gong |
| Communication System | PC (Setting software to be installed): D-sub connector (9 pins), cross cable, RS-232C <br> VX-2000SF: RJ45 female connector, Twisted-pair straight cable (TIA/EIA-568A standard), <br> LONWORKS RS-485 |
| Operating Temperature | 0 ℃ to +40 ℃ |
| Finish | Panel: Surface-treated steel plate, black, 30 % gloss, paint |
| Dimensions | 482 (W) × 132.6 (H) × 337 (D) mm |
| Weight | 6.4 kg |
| Accessory | Rack mounting bracket (preinstalled on the unit)···2, Rack mounting screw···4, <br> Fiber washer···4, Blank panel···7, Blank panel mounting screw···14, <br> Setting software installation CD···1, Fuse (T1.6 A L)···1, Fuse (T6.3 A L)···1 |
| Option | Voice announcement board: EV-200M, Isolation transformer: IT-450 (audio link output) |

### ■APPEARANCE

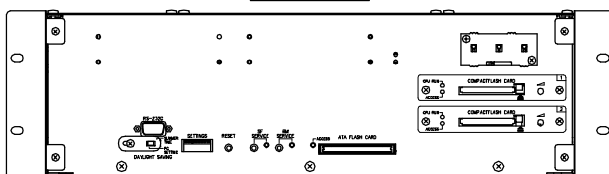Note: LONWORKS is a trademark of Echelon Corporation.



Rear View



482
465
420
4-6×10
57.2
132.6

Front View

337
320

Side View



Front view without front panel

UNIT:mm     SCALE:1/6