

### DESCRIPTION

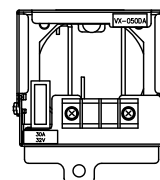
The VX-050DA is an Digital power amplifier used for the VX-3000 systems.  
It is a module type with 1 channel of class-D digital power amplifier, which contribute to energy-saving and light weight design.  
The VX-050DA also features standby mode to be set for reducing standby power consumption.  
It requires a dedicated control units VX-3004F, VX-3008F, VX-3016F and power supply unit VX-3000DS.

### SPECIFICATIONS

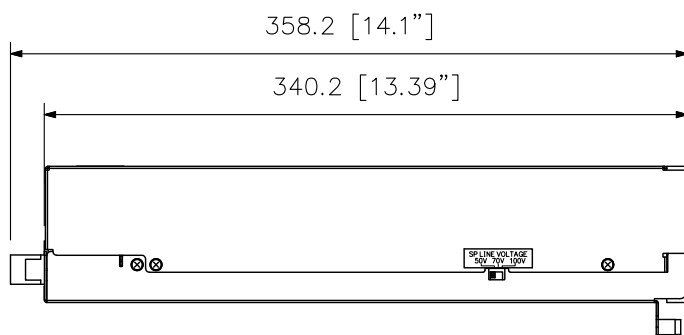
|                         |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Source            | 31 V DC (operating range: 20 – 33 V DC)<br>DC power in: M4 screw terminal, distance between barriers: 11 mm (0.43")                                                                                                                                            |
| Amplification System    | Class D                                                                                                                                                                                                                                                        |
| Power Consumption       | 100 W at 31 V DC                                                                                                                                                                                                                                               |
| Rated Output Power      | 500 W (at 100 V line and min. impedance and max. capacitive load)<br>350 W (at 70 V line and min. impedance and max. capacitive load)<br>250 W (at 50 V line and min. impedance and max. capacitive load)<br>(at AC Mains VX-3000DS or VX-3150DS: 187 – 253 V) |
| Output Voltage          | 100 V (70 V, 50 V: selectable)                                                                                                                                                                                                                                 |
| Minimum Impedance Load  | 20 $\Omega$ (at 100 V line), 14 $\Omega$ (at 70 V line), 10 $\Omega$ (at 50 V line)                                                                                                                                                                            |
| Maximum Capacitive Load | 0.5 $\mu$ F                                                                                                                                                                                                                                                    |
| Number of Channels      | 1                                                                                                                                                                                                                                                              |
| Input                   | DA CONTROL LINK: Nylon connector (15 pins)                                                                                                                                                                                                                     |
| Output                  | DA OUTPUT LINK: Nylon connector (2 pins)                                                                                                                                                                                                                       |
| Frequency Response      | 40 Hz – 20 kHz: -5 to +1 dB (at 100 V line, 30 dB (*1) output)                                                                                                                                                                                                 |
| Distortion              | 1 % or less (at 100 V line, rated output, 1 kHz)                                                                                                                                                                                                               |
| Signal to Noise Ratio   | 100 dB or more (at 100 V line, A-weighted)                                                                                                                                                                                                                     |
| Operating Temperature   | -5 °C to +45 °C (23 °F to 113 °F)                                                                                                                                                                                                                              |
| Operating Humidity      | 90 %RH or less (no condensation)                                                                                                                                                                                                                               |
| Finish                  | Surface-treated steel plate                                                                                                                                                                                                                                    |
| Dimensions              | 82.8 (W) × 91 (H) × 358.2 (D) mm (3.26" × 3.58" × 14.1")                                                                                                                                                                                                       |
| Weight                  | 1.4 kg (3.09 lb)                                                                                                                                                                                                                                               |
| Accessory               | DA CONTROL LINK Cable ---1, DA OUTPUT LINK Cable ---1, DC FUSE (30 A) ---1                                                                                                                                                                                     |

(\*1) 0 dB = 1 V

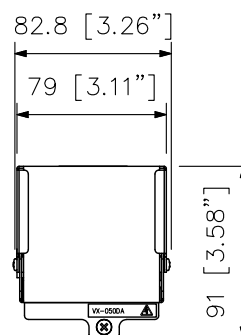
### APPEARANCE



Rear View



Side View



Front View

UNIT:mm SCALE:1/4