Digital Audio Processor [2 In, 4 Out]/[2 In, 6 Out]/ [2 In, 8 Out]/[3 In, 6 Out]/[4 In, 6 Out]/[4 In, 8 Out]

VM-D24I/VM-D26I/VM-D28I/VM-D36I/VM-D46I/VM-D48I



VM-D24I



VM-D36I



VM-D26I



VM-D46I



VM-D28I



VM-D48I

Functional description :

1.96KHz sampling rate, 32-bit DSP processor, 24-bit A/D and D/A conversion.

2. Each function within the device can be individually locked, allowing any single function to be opened or locked based on field requirements, preventing misoperation and ensuring data confidentiality.

3. Each input and output processing section has 6 independent fully parametric EQ bands. Gain adjustment range up to ±20dB. Also supports 5 EQ modes: Para metric, High-shelf, Low-shelf, 1st-order All-pass, 2nd-order All-pass. Each has delay, phase control, and mute settings. Delay up to 1000ms, units selectable: ms, m, ft. Delay adjustable via coarse and fine modes.

4. Device software includes a central control code generator, enabling one-click Chinese/English switching.

5. Can connect to a computer via an external converter box for internet remote control.

6.2/3/4 channels of balanced signal input, 4/6/8 channels of balanced signal output. Flexible combination of various crossover modes. High-pass/low-pass crossover points range from 20Hz to 20KHz.

7. Convenient, intuitive, and simple setup using front panel function keys and rotary encoder, or via PC control software. Provides USB 2.0, USB 3.0, and RS485 connections to computer or control system. RS485 interface can daisy-chain up to 250 devices with IDs for control.

8. Each input channel has adjustable noise gate, and each input channel has two fully parametric dynamic EQ (DEQ) bands, and automatic gain control (AGC).

9.Output channels also have independent control over compression, limiting, and free selection of input signal source channels. Can copy all parameters from one channel to another and perform linked control.

10.2×24 character LCD with blue backlight for function display. 5-segment LED for precise digital level meter, mute, and edit status.

11.Single unit can store 30 user program presets. Other data can be stored on other media via PC software.

Technical specifications:

Input Impedance	Balanced 20KΩ
Output Impedance	Balanced 100Ω
CMRR	>70dB @ 1KHz
Input Range	≤+25dBu
Frequency Response	20Hz-20KHz (±0.5dB)
SNR	>104dB @ 1KHz, 0dBu
THD+N	<0.001% @ Output=0dBu/1KHz
Channel Separation	>104dB @ 1KHz
Power Consumption	≤42.4W
Power Supply	AC110V/220V 50/60Hz
Dimensions (W×D×H)	482 × 198 × 44 mm