VIS-M24PLUS 24 channels Digital Audio Mixer

Operating system:

Based on Linux operating system, it is not afraid of viruses and runs more safely and stably;

5-core CPU processor, 1.8 G main frequency, rapid startup, faster running speed

10.1-inch 1280*800 HD touch display, Chinese and English operation interface, free switching, easier to use

Shutdown parameters are automatically saved without worrying about data loss

Local input/output:

34 signal inputs (30 analog +4 digital)

(24 MIC/Line inputs, 2 sets of 3.5 Lotus stereo inputs, 1 set of 3.5 stereo headphone input interface, and 2 sets of digital inputs: sound card, MP3 and AES digital inputs)

20-channel signal output

(Main output L, R, 14 AUX1-14 auxiliary output, 1 stereo earphone monitoring output, AES output)

Maximum support 66 signal inputs and 36 signal outputs

Supports Dante:

It is equipped with 32x32 Dante card to realize the input and output of Dante signal and support multi-track recording

Product parameters:

• 1.14-inch channel TFT LCD boot display, channel name and background color can be customized and edited (Chinese is supported).

• MIC input gain adjustment (smooth digital gain, participation saved to scene)

• Mic input channel (Linked) odd and even stereo tuning

• + 48V phantom power supply (MIC channels can be opened and closed independently to participate in saving to the scene)

• Mic input channel independent PAD attenuation switch

• Input processing: built-in voltage limiter, noise gate, high and low pass filter, 5-stage parametric equalization and delay.

• Fast copy function of channel parameters

• All channels are equipped with multifunctional menus, mute sounds and monitoring

• All channels are equipped with electric pushers with a stroke of 100MM (26 ALPS electric pushers)

• Independent physical fader control of input, output and effect channels

• Each channel fader supports user-defined layer functions

• Two fader layer page turning buttons (input page turning, output and effect fixed fader, more convenient and quick operation)

•Support channel side chain compression and evasion function

• 8 customizable physical keys

• 13 DCA groups and 13silent groups

• Individual feedback suppressor management for each channel

• With its own signal generator (pink noise/positive black wave/white noise), it can be customized to output from any one or more output channels

• With real-time spectrum RTA function (color editable)

• Support dual-machine synchronous data backup

• Channel and scene editing support Chinese input method

• Integrated automatic sound mixing function

• Support the Talkback function

• Support MIDI interface input

• AUX output (before/after fader) can be set

• Output processing: high and low pass filtering, 15-31 segment parametric equalization (GEQ supports manipulation on fader), compressor, delay, phase

• USB 8*8 multi-track recording function

• Built-in sound card (MP3, PC direct playback, recording)

• 8 quick scene call modes, 100 scene storage, customizable scene name, seamless scene switching, no sound interruption

• Four independent DSP effectors are built in locally, and various effect modes are preset for users to use directly

• FX Pedal Switch Interface

• 12V output interface, which can be externally connected with lighting equipment

- Factory settings can be restored with one click
- Support 232 central control
- Multi-operating system control software (IOS system, Android system, WINDOWS system)
- Support wired network port adjustment (or external router wireless adjustment)
- 10.1 "1280*800 HD Capacitive Touch Display

Technical parameter:

Category	Parameter	Value	Category	Parameter	Value
Input	Microphone / Line Input: 1-24 (local)	Balanced, XLP and 1/4 TRS jacks	control	Fader	26 ALPS 100mm electric
	Input sensitivity (XLR/TRS)	XTR1.5mv, TRS 7mv		touch screen	10.1" TFT, 1280×800 resolution
	Input analog gain	-32db to 10db, 0.6~0.7 stepping		DCA marshalling	eight
	Maximum input level (XLR/TRS)	+19dBu/+29dBu		Mute grouping	eight
	Input impedance (XLR/TRS)	MIC > 5K , LINE > 10K		Mute marshalling	TCP/IP Ethernet for PC and iPad applications
	Mic input stereo link	Have		System Upgrade	U disk upgrade
	Parameter link	Equalization, dynamic, delay, distribution, transmission		Wired connection	Windows PC software connection
	polarity	Normal/flip		Wireless connections	Wireless connections
	Stereo line input		Input processing	Input source	Local CH1-CH24, ST1/ST2 local ST3 digits
	ST1/ST2	3.5 lotus socket		Equalizer	5-parameter EQ, (20HZ--20KHZ) ±12dB, Q0.3~15 adjustable
	ST3 interface (digital)	USB audio stream, U disk, S/PDIF		High and low pass	12db/24db,(BT/BS/LRK),20-20K
	Input sensitivity	Nominal 4dB		Noise gate	Chain side chain
	Input analog gain	-32db to 10db, 0.6~0.7 stepping		Gate threshold	-135db to -40db
	Maximum input level	+29dB		Shock/release	50us-300ms/10ms-5s
	input resistance	>7KΩ		Compressor	Chain side chain
	Stereo link	Have		Threshold ratio	-40db-+6db/1:1 to infinity
	Parameter link	Equalization, dynamic, delay, distribution, transmission		Delay	20ms maximum
	polarity	Normal/flip	Remote extension		Support two connection interface box
Output	Mix 1-14 with left and right output (local)	Balance, XLR, L/R, 8AUX	Output processing	Output channel	L/R,14AUX
	Output impedance	<75Ω		Equalizer	15-31parameter EQ, (20HZ--20KHZ) ±12dB, Q0.3~15 adjustable
	Nominal output	+4dbu=0db meter reading		High and low pass	12db/24db,(BT/BS/LRK),20-20KHZ
	Residual output noise	=-91dbu		Compressor	Chain side chain
	Mixing insertion	Assign FX to the mixing channel		Threshold ratio	-40db-+6db/1:1 to infinity
	Dynamic Range	112dB		Delay	30ms maximum
	Signal to noise ratio	XLR≥ 92db,TRS≥82db	USB	drive	CH340(USB A)
	Maximum output voltage	4VAC MAX		device	Use a USB hard drive (U disk)
	Distortion	< 0.0003% (1KhzFull Power)		Stereo recording	2 channels (wav/mp3) 48KHz 24
	2 channels (wav/mp3) 48KHz 24	20HZ-20KHZ+/-0.5db		Stereo playback	2-way (WAV/MP3) 32-96KHz, 16-24 bits
	Sampling Rate	48KHz ±100PPM	USB audio	Sound card	USB B
	ADC/DCA	24-bit Delta-sigma		Send uplink	8-channel full format, 32KHz-96KHz 24 bit
FX	internalFX	4xFX engine, send > return or insert		Send down	8 channels, MP3, 48KHz, 24 bits
	Types of	Reverb, delay, chorus, flanger, symphony, etc.	Dante		support
	2 dedicated stereo FX returns	Fader, pan, mute, send to mix/LR, 5 segment EQ	automatic mixing		support
system	Linux system	Chinese and English language switching	power supply		100-240VAC,50-60H,150W

Machine size / weight

Length, width and height: 746*509*248MM (the length includes 6.35 input socket, the width includes the side panel, the height includes the machine foot; the knob is not included)

Packing size: 915*625*360MM

Net weight: 15.6KG Gross weight: 20.5KG

Applications: conference rooms, multi-purpose halls, small performances, small bands, government, schools, bars, wedding companies, rental companies, banquet halls, military, cultural halls, cultural centers, conventions, etc.