

## VIS-M20PLUS 20 channels Digital Audio Mixer



### operating system:

Based on the Linux operating system development, no fear of virus, more secure and stable operation

5-core CPU processor, 1.8G main frequency, 17 seconds fast boot, faster operation speed

10.1 inch hd touch display, Chinese and English interface, free switch, easier to use

Shutdown parameters are automatically saved without worrying about data loss

### Fully processed input / output

Support 52 channel signal input, 32 signal output

### Local input / output:

A 22-way signal input

16-way MIC / Line input, 3 sets of stereo input (2 sets of 3.5mm stereo input, 1 group of digital input: 3.5mm ST3 stereo input, sound card, MP3, AES digital input)

The 18-channel signal output

Main output L, R, 12 channel AUX 1-12 auxiliary output, 1 channel headset listening output, 1 channel AES digital output

### Signal remote extension:

Can connect two 16 in 8 out stage interface box or a 32 in 1 out interface box, realize input and output IO expansion,

Support network audio extension interface (optional 32 \* 32 audio extension card):

Realize the input and output of network signals, and multi-track recording

### Product Parameter

- The 10.1-inch HD touch home screen.
- MIC input gain adjustment (smooth digital gain, avoid clicking when adjusting the gain, participate in saving to the scene)
- Mic input channel (Linked) parity stereo connection tone
- + 48V phantom power supply (MIC channels can be opened and closed independently to participate in saving to the scene)
- 16 channels independent feedback suppressor function, effectively inhibit howling
- Fast copy function between channels, one finger sliding copy, long press full copy, and cancel the copy function
- Input processing: built-in pressure limit device, noise gate, high and low-pass filter, 5-segment parameter equilibrium, delay, forward and reverse phase.
- Support the channel side chain compression, dodge function
- 17100MM electric push rod can be timely memory storage
- 8 customizable physical keys
- 8 DCA groups, 8 silent MUTE groups, 8 matrix MATRIX, support custom names.
- Built-in signal generator (pink noise / positive mystery wave / white noise), can be customized from any one or more output channels output
- With the channel 96 real-time spectrum RTA function, real-time sweep, fast positioning howling point
- Integrated automatic mixing function, 2 \* 8 automatic mixing settings
- Output processing: high and low pass filtering, main output 31 segment equilibrium (PEQ / GEQ), auxiliary output 15 segment EQ (PEQ / GEQ), compressor, delay, phase
- Channel support the display can display different colors, names, convenient to mark the input and output channel
- Built-in USB sound card to play recording, as well as MP3-U disk 8 \* 8 track to play recording,
- Support the installation of network audio transmission extension card (optional), to achieve up to 32 \* 32 track recording and audio network transmission
- Support the installation of Bluetooth audio transmission extension card (optional) to realize Bluetooth audio transmission
- 8 quick scene call mode, 100 scene storage, can be customized scene name, scene seamless switch, no sound break
- Scene mode parameters support U disk import and export data backup
- Built-in 2-road independent DSP effector bus, preset multiple effect modes for users to use directly
- Can restore the factory Settings, multi-level password lock function, to prevent misoperation
- Support the talkback function of the speaker tube

- Support 232, UDP and other central control control, open control protocol
- Multi-operating system control software (IOS system, Android system, WINDOWS system, Kirin system)
- Support for Chinese and English language one-key switch

#### technical parameter

<b>import</b>	Microphone / line input: 1-16 (local)	Balanced, XLP with a 1 / 4 TRS port	<b>control</b>	hairclippers	Of the 17 ALPS 100mm electromotors
	Input sensitivity (XLR / TRS)	XTR1.5mv,TRS 7mv		touch screen	10.1 " TFT, 1280 * 800 resolution
	Input simulation gain	-32 db to 10 db, from 0.6 to 0.7 steps		DCA marshalling	Eight
	Maximum input level (XLR / TRS)	+19dBu/+29dBu		Silent formation	Eight
	Input impedance (XLR / TRS)	MIC > 5K , LINE > 10K		network	The TCP / IP Ethernet is used for both PC and ipad applications
	Mic input to the stereo link	have		system upgrade	U disk upgrade
	Parameter link	Equilibrium, dynamic, delayed, assign, and send		Cable connection	Windows PC Software connection
	polarity	Normal / flip		wireless connections	Windows PC/iPad/android
	<b>Stereo sound line input</b>		<b>input process</b>	input source	Local CH 1-CH 16, ST1 / ST2 local ST3 numbers
	ST1/ST2	3.5 Lotus socket		balancer	5-segment parameter EQ, (20 HZ- -20 KHZ) $\pm$ 12dB, Q0.3~15 adjustable
	ST3 interface (digital)	USB audio stream, U disk MP3, AES		High and low	12db/24db,(BT/BS/LRK),20-20K
	input sensitivity	Nominal 4dB		Noise door	globe cock
	Input simulation gain	-32 db to 10 db, from 0.6 to 0.7 steps		Door valve value	From-135 db to-40 db
	maximum input level	+29dB		Impact / release	50us-300ms/10ms-5s
	input impedance	>7K $\Omega$		Pressure limit device	globe cock
	Stereo link	<b>have</b>		The threshold ratio	-40 db- + 6 db / 1:1 to infinity
	Parameter link	Equilibrium, dynamic, delayed, assign, and send		delayed	Maximum 20ms
	polarity	Normal / flip	<b>Remote extension</b>	Support for two interface box connection	
<b>output</b>	Mix 1-12 AUX with Left and Right Output (Local)	Equilibrium, XLR, L / R, and 8 AUX	<b>output handle</b>	outgoing channel	Main output L / R, 12 AUX auxiliary output
	output impedance	<75 $\Omega$		balancer	Section 15-31 parameter EQ, (20 HZ- -20 KHZ) $\pm$ 12dB, Q0.3~15 adjustable
	nominal output	+ 4 dbu = 0 db level table reading		High and low	12db/24db,(BT/BS/LRK),20-20KHZ
	The remaining output noise	=-88dbu		Pressure limit device	globe cock
	Mix insert	Assign the FX into the mixing channel		The threshold ratio	-40 db- + 6 db / 1:1 to infinity
	dynamic range	112dB		delayed	Maximum 30ms
	noise-signal ratio	XLR $\geq$ 92db,TRS $\geq$ 82db	<b>USB</b>	drive	CH340(USB A)
	maximum output voltage	6.8VAC MAX		equipment	Using one USB hard disk (U disk)
	degree of distortion	< 0.0003% (1KhzFull Power)		stereophonic recording	2 channels (wav / mp3) 48KHz 24
	frequency response	20HZ-20KHZ+/-0.5db		Stereo play	2 pass (WAV / MP3) 32-96 KHz, 16-24 bit
	sampling rate	48KHz $\pm$ 100PPM	<b>USB audio frequency</b>	<b>sound card</b>	USB B
	ADC/DCA	The 24-bit Delta-sigma in Fig		Send up	2-channel full format, 32 KHz-96KHz 24 bits
<b>FX</b>	interior FX	2 xFX engine, send> back or insert		Send down	2-channels, MP3,48 KHz, 24-position

	type	Reverb, delay, chorus, borderset, symphonic chorus, etc	<b>Dante</b>	support
	2 dedicated stereo FX returns	Push, sound image, mute, sent to mix / LR, 5 segment EQ	<b>voluntarily sound mixing</b>	support
<b>system</b>	Linux system	Chinese and English language switching	<b>source</b>	100-240VAC,50-60H,150W

**Machine dimensions / weight**

Length, width and height: 515 \* 503 \* 255MM (length contains 6.35 input seat, width contains side plate, height includes foot; no knob)

Net weight: 10.8kg Gross weight: 14.5kg

Packing size: 640 \* 630 \* 360mm

Package size and weight: 700 \* 37 \* 700mm, weight: 31 KG

Application occasions: conference room, multi-function hall, small performance, small band, government, school, bar, wedding company, rental company, banquet hall, military, cultural auditorium, cultural center, exhibition, etc