

16/24/32 Channel Mixer

CM24



FEATURE:

- SMT technology circuit design, powerful and complete function, sweet sound, clear treble, shock bass;
- 8 (CM16) or 16 (CM24) or 24 (CM32) microphone and line input with returning effect;
- 8 stereo input; 4 stereo external effect signal input;
- independent four group output, 2 auxiliary output, 2 effect output;
- Built in two groups of 21 kind DSP effect, 9 stage equalization adjustable output channel;
- Microphone input interface with 48V phantom power supply, can directly supply to the phantom microphone;
- Low noise external power adapter;
- LED DJ lamp

SPECIFICATION:

Model	CM24
Mono input channel	24 channel
Stereo input channels	4 group (8 mono)
Mono insertion channel	24 channel
Single channel microphone interface phantom power	+48V
Output channel	3 main output; 4 output group; 2 CH aux output; 2 CH CD/TAPE auxiliary output; 2 CH effect output;
	1 CH stereo headphone output
Frequency Response	20 ~20KHZ \pm 0.5dB
Mono sound channel microphone to output maximum gain	56dB \pm 2dB
Mono sound channel line to main output maximum gain	36dB \pm 2dB
Stereo sound channel line to output maximum gain	82dB \pm 2d
Channel crosstalk	90dB @ 1KHz
Signal to noise ration	83dB @ 1 KHz 0dB
The main output channel maximum equilibrium output	25dB \pm 1.5 dB
The main output \ marshalling the maximum unbalanced output	19dB \pm 1.5dB
Aux maximum unbalanced output	19dB \pm 1.5dB
CD/TAPE lost the maximum unbalanced output	19dB \pm 1.5dB
The feect of unbalanced output	19dB \pm 1.5dB
Headphone output	12dB \pm 1.5dB @ 1KHz 32
Gain difference between channels	2dB
Distortion degree	0.02% @ 0dB 1KHz
Mono channel equalization	
high frequency, intermediate frequency, low frequency range	12KHz, 110~8KHz, 80Hz
Frequency offset and gain frequency	Deviation is less than 8%, the biggest gain is \pm 15dB
Stereo channel equalization	
High frequency, high frequency range, low frequency, low frequency range	20KHz, 3KHz, 500Hz, 20Hz
Frequency offset and gain frequency	Deviation is less than 8%, the biggest gain is \pm 15dB
The main output 9 bands Graphic Equalizer	
The Center frequency	63Hz, 125Hz,250Hz,500Hz,1KHz,2KHz, 4KHz,8KHz,16KHz
Frequency offset and gain	\pm 12dB deviation 2dB, frequency offset 8%
Effector	21 kind of DSP effectors: HALL, ROOM, PLATE, AMBIENT, GATED, REVERS, VOICE, DEL&REV, ECHO 40, ECHO 50, DELAY, CHORUS, CHO&DEL,CHO&REV, FLANGER, F:A&DEL, FLA&REV, TREMOLO, TRE&REV, WAH WAH, WAH&REV
Channel clipping indicator	3dB clipping level ahead instruction
12 brands lever indicators	+9dB, +6dB, +3dB, 0dB, -2dB, -4dB, -6dB, -9dB, -12dB, -16dB, -18dB, -21dB
Power supply and consumption	220V/50Hz, <100W
Output power	
External power supply Dimension	212mm x 143mm x 77mm
Product Dimension (WxDxH)	757x 512 x 65mm
Net Weight	15kg
Shipping Dimension (WxDxH)	906 x 591 x 227mm/0.0904m3
Gross Weight	17kg

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