

16/24/32 Channel Mixer

CM16



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	CM16
Mono input channel	16 channel
Stereo input channels	4 group (8 mono)
Mono insertion channel	16 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 ± 0.5 dB
Mono sound channel microphone to output maximum gain	56dB ± 2 dB
Mono sound channel line to main output maximum gain	36dB ± 2 dB
Stereo sound channel line to output maximum gain	82dB ± 2 dB
Channel crosstalk	90dB @ 1KHz
Signal to noise ration	83dB @ 1 KHz 0dB
The main output channel maximum equilibrium output	25dB ± 1.5 dB
The main output \ marshalling the maximum unbalanced output	19dB ± 1.5 dB
Aux maximum unbalanced output	19dB ± 1.5 dB
CD/TAPE lost the maximum unbalanced output	19dB ± 1.5 dB
The feect of unbalanced output	19dB ± 1.5 dB
Headphone output	12dB ± 1.5 dB @ 1KHz 32
Gain difference between channels	2dB
Distor on 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 ± 15 dB
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 ± 15 dB
The main output 9 bands Graphic Equalizer	
The Center frequency	63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz, 16KHz
Frequency offset and gain	± 12 dB 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)	525 x 512 x 65mm
Net Weight	13kg
Shipping Dimension (WxDxH)	674 x 591 x 227mm/0.0904m3
Gross Weight	15kg

As per our company policy one of the constant Product improvement the right is there for reserved to modify product specifications without prior notice