



F series

F系列调音台F16/F16rack F SERIES MIXER

F16是一款多功能数字调音台，具有体积小、重量轻、功能全、人机对话界面友好、操作直观简便、反应速度灵敏等特点。采用第4代工业级SHARC处理器，24bits/192kHz AD/DA，最大程度的保证了音频的还原质量，具有自定义层，通道LINK，静音编组等功能，中英文操作界面。适合中小型演出、会议室、文化礼堂、多功能厅等各种扩声系统。F16rack是F16专门用于固定安装的版本。

F16 is a multifunctional digital mixer, with small size, light weight, full function, man-machine dialogue interface friendly, intuitive and simple operation, responsive speed and other characteristics. It adopts the 4th generation of industrial-grade SHARC processor with 24bits/192kHz AD/DA to ensure the audio restoration quality to the greatest extent. It has the functions of custom layer, channel LINK, mute marshaling and so on, and the chinese-english operation interface. Suitable for small and medium-sized performances, conference rooms, cultural auditorium, multi-functional halls and other sound amplification systems. F16rack is a version of F16 that is specifically designed for a fixed installation

SPECIFICATIONS

型号MODEL	F16	F16rack
MIC输入MIC INPUTS		
麦克风输入 MIC INPUTS	16 CHANNELS INPUTS (BALANCED)	
麦克风连接器 MIC INPUT CONNECTOR	16 XLR and 4 COMBO inputs	
输入阻抗INPUT IMPEDANCE	3KΩ	
频响FREQUENCY RESPONSE	20Hz-20KHz ± 0.5dB	
最大输入电平MAX.INPUT LEVEL	+20dBu (balanced)	
信噪比S/N RATIO	105dB	
最大增益MAX. GAIN	70dB	
总谐波失真THD	0.005% (20Hz-20KHz)	
幻象电源PHANTOM POWER	75Ω	
LINE输入 LINE INPUTS		
线路输入 LINE INPUTS	4 COMBO INPUTS	
输入阻抗INPUT IMPEDANCE	20KΩ	
频响FREQUENCY RESPONSE	20Hz-20KHz ± 0.5dB	
最大输入电平MAX.INPUT LEVEL	+30dBu (balanced)	
信噪比S/N RATIO	105dB	
最大增益MAX. GAIN	70dB	
总谐波失真THD	0.008% (20Hz-20KHz)	
输入INPUTS		
相位PHASE	标准/反相 NORMAL / REVERSE	
延时DELAY	0-200ms	
EQ(4段参量均衡)(4 BAND EQUALIZER)		
频率FREQUENCY RESPONSE	20Hz-20KHz ± 18dB	
Q值 Q VALUE	0.5 to 10	
类型MODE	HPF. Low. LowMid. HighMid. High	
功能FUNCTION	Bypass. Flat. Library	
噪声门NOISE GATE		
阈值THRESHOLD	-80dB to 0dB	
启动时间 ATTACK TIME	0.5ms - 100ms	
释放时间RELEASE TIME	2ms - 2000ms	
保持时间HOLD TIME	2ms - 2000ms	
深度DEPTH	-80dB to 0dB	
压限器COMPRESSOR		
阈值THRESHOLD	-80dB to 0dB	
启动时间 ATTACK TIME	0.5ms - 100ms	
释放时间 RELEASE TIME	2ms - 2000ms	

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增益GAIN	-12dB to +12dB	
压缩比例 RATIO	1.0 to 20	
输出OUTPUTS		
XLR输出 XLR OUTPUTS	8 ASSIGNABLE OUTPUTS XLR	
	LR+4 MONO BUS + 4 STEREO BUS	
总谐波失真THD	0.005% (20Hz-20KHz)	
频响FREQUENCY RESPONSE	20Hz-20KHz ± 0.5dB	
最大输出电平 MAX.OUTPUT LEVEL	+18dBu	
输出阻抗OUTPUT IMPEDANCE	470Ω	
耳机HEADPHONES		
耳机输出HEADPHONE OUTPUT	TRS Jack直插	
耳机输出阻抗OUTPUT IMPEDANCE	100Ω	
最大输出电平 MAX.OUTPUT LEVEL	+22dBu	
数字I/O		
数字I/O DIGITAL I/O	AES/EBU IN AND OUT	
USB接口		
功能FUNCTION	USB STEREO INPUT AND REC FUNCTION	
格式FORMAT	2.0版	
最大支持内存 MAX. MEMORY	32GB	
I/O延迟 I/O LATENCY	< 1.8ms	
录音格式RECORDING FORMAT	wav	
综合GENERAL		
最大增益MAX. GAIN	70dB INPUT TO BUS OUT	
动态范围DAYNAMIC RANGE	106dB	
串音CROSSTALK	-85dB	
AD/DA	UP TO 24Bit/192KHz	
DSP	40-BIT FLOATING POINT	
效果器 FX MODULES	Modulation x2, Delay x2,Reverb x2,31GEO x2	
显示器SCREEN RESOLUTION	10.1" touchscreen 1280x800 7" touchscreen 1024x600	
推杆电位器FADERS	100mm.9faders full-motorized/ NG	
系统SYSTEM	ANDROID	
网络NETWORK	WIFI EXTERNAL USB ADAPTER	
电源POWER SUPPLY	24V DC(AC90-240V 50Hz/60Hz) AC90-240V 50Hz/60Hz	
功耗POWER CONSUMPTION	50W	
尺寸DIMENSIONS(DxWxH)mm	504x379x136	483x177x217
净重NET WEIGHT	6.6KG	5.3KG