

20X-Kmix2

Digital Karaoke Pre-processor

DESCRIPTION

Karaoke Pre-processor. It is designed on the basis of more than ten years of designing concept and experience in Karaoke field. The excellent audio reproduction, special human voice processing and high-performance- price- ratio guarantee your benefit. It is multi-channel Karaoke Pre-processor and can be matched with power amplifier. It can be used in Professional Karaoke, conference room, multi-function hall, Performance bar and home entertainment. Through digital processing on music and microphone signal, it provides flexible effect processing and output setting. It's very suitable for Karaoke, especially for KTV room. All of functions can be adjusted by panel control button and display in LCD. It also can be connected with PC with built-in control software through RS232. The special 8 output can be set up two groups: One is Left, Right stereo + Center + Sub + Rear; the other is Stereo Surround (according to actual application, There isn't Rear and Surround output for some models, please take the actual product as standard).



FEATURES

- This equipment is adopted 48kHz sampling rate, 24 bits AD/DA conversion technology for distinguish rate, ADI 4nd floating SHARC DSP for signal processing.
- Audio process function consists of music input selection, NoiseGate, HPF&LPF, Dynamic EQs, 15PEQs, Key shift, exciter and limiter.
- Microphone process include: NoiseGate, HPF/LPF, 20PEQs, exciter and limiter, EchoA+EchoB, Reverberation, 3 kinds of effect dedicated 7PEQs+HPF/LPF.
- **Front Panel:**
 - LCD displays the present effect mode, Feedback distory level, input channel and other information;
 - Two MIC input socket and two group input gain Pot;
 - Nine Keys and three main volume knob Remote control receiver USB-B socket(connect to PC) and USB-A for Wifi/BT module.
- **Rear I/Os:**
 - 2 stereo music input(RCA), 2way MIC(6.35), with left to right, center and bass output and Rear, Surround/Rec output (There isn't Rear and Surround/Rec output for some models, please take the actual product as standard).
 - Control Software The software can be compatible under Windows98 or advanced system, connecting with PC through RS232/USB connection can flexibly adjust the equipment and all of settings inside the equipment can be downloaded into computer.

TECHNICAL SPECIFICATIONS

	Microphone	Music
Input impedance	5K Ω	10K Ω
Sensitivity	25mVrms \pm 20%	315mVrms \pm 20%
Max input level	250mVrms \pm 20%	3.15Vrms \pm 20%
TONE	HPF+LPF	HPF+LPF
	20PEQs	15PEQs
	2band High/Low exciter	2band High/Low exciter
Frequency response	20Hz-20kHz \pm 1.5dB	20Hz-20kHz \pm 1.5dB
THD+N	<0.02%	<0.008%
Max output level	4Vrms@1kHz	4Vrms@1kHz
S/N	>82dB	>88dB
Effect type	EchoA+EchoB+Reverb+7PEQs+HPF/LPF	3DEQs
Power supply	~220V \square 50Hz/60Hz \square Power consumption<20W	
Dimension(W×D×H)	483× 218×45mm	
Weight	3.0kg	
Applying temperature	0 \square ~+40 \square	
Storage temperature	-10 \square ~ + 60 \square	