



**SD-8P/SD-16P/SD-24P/SD-32P**

**8/16/24/32-Channel Digital Mixer**



**Features:**

- 8-channel signal input (6-channel MIC input and 1-channel stereo input), 16-channel signal input (12-channel MIC input and two groups of stereo), 24-channel input (16-channel MIC input, two groups of stereo + MP3 + USB audio input), 32-channel input (24-channel MIC output, two groups stereo + MP3 + USB audio input)
- Input processing-input gain adjustment (electronic gain), pre-stage amplification, high and low pass filtering, 4-stage parameter equalization, compressor, delay, input channel sound image balance adjustment
- MIC input with digital gain adjustment, + 48 V phantom power (MIC channels can be turned on and off independently)
- Built-in multiple 9-segment graphic equalizer
- Input and output EQ ON/OFF
- Stereo return input
- Channel parameter quick copy function, each channel is equipped with multi-function menu, mute button, monitoring button
- Each channel is equipped with an electric clipper with a stroke of 100mm and a signal peak lamp (13 electric clippers)
- 8 channels of signal output (1 channel of stereo main output, 4 channels of SUB output, 2 channels of AUX output), 10 channels of signal output (1 channel of stereo main output, 2 channels of SUB output, 6 channels of AUX output), 12 channels of signal outputs (1 channel stereo main output 2 channel of SUB out, 8 channels AUX out),
- Output processing-high and low pass filtering, 15-segment parameter equalization, compressor, delay, phase
- SUB output (before fader, after fader); Multi-track and multi-mode digital recording function
- Double-row 3-color 12-segment level indicator; Built-in USB sound card (MP3, direct music playback on PC)
- 4 shortcut scene calling modes, 20 scene storage
- User parameter storage and call (can be managed on the PC side)



- Built-in multiple DSP effectors; 7-inch 800 × 480 high-definition touch color screen (32, 24, 16-channel), 3.2-inch 400 × 240 resistance touch screen (8- channel).
- FX pedal switch interface; Optical fiber input and output
- Multi-operating system control software (IOS system, WINDOWS system) Chinese and English switching display
- Support wired network port adjustment (or external router wireless adjustment)
- User-definable layers; Parameter locking function

**Technical parameters:**

Input Mic/Line In	1-6 balanced/1-12 balanced/1-16 balanced/1-24 balanced, XLR socket
Input Sensitivity (XLR/TRS)	-60 to + 10db/-50 to + 20db
Electronic gain	-32 to + 10 db, 0.7 step
Maximum Input Level (XLR/TRS)	+19db/+29db
Input impedance (XLR/TRS)	>5kΩ / >10 kΩ
THD + N Uniform Gain State 0db	0.0005% -89db (20--20KHZ, direct output @ 0db 1KHZ)
THD + N Medium Gain + 30db	: 0.001-75db (20-20KHZ, direct output @ 0db 1KHZ)
Output voltage	4V MAX
Headphone output	7V 220 ohms
Four-section full-parameter	20-20kHz, +/-12 Db, Q value 0.3 ~ 15.0
Band 1	Optional Lshelf, PEQ
Band 2	PEQ
Band 3	PEQ
Band 4	Choice of Hshelf, PEQ
Enter the independent delay	10ms Max
Output 15-segment full-parameter equalization	20-20kHz, +/-12 Db, Q value 0.3 ~ 15.0
Output independent delay	Max. 30ms
Compressor switch	Switch: ON/OFF
Threshold/ratio	-50dBu to 6dBu/1:1 to infinity
Impact/release	1ms -127ms / 1ms -127ms
9 segments can be inserted for graphic equalization	63、 125、 250、 500、 1k、 2k、 4k、 8k、 16k
Gain	Gain:+/-12dB
Control the fader	100mm electric
Network	The Fast Ethernet (100 Mb/s) port can be connected to a computer using a CAT5 cable for controlling console parameters via TCP/IP, or to a wireless router (access point) using V16 on an iPad Application for live mix control. The Link light flashes to indicate network activity.