



Mixer

TS-24PD-8



Description:

The large digital mixer adopts 32-bit floating-point DSP audio processor, and 24bit/48Khz digital-to-analog/analog-to-digital conversion. It supports 4-band digital full-parameter equalizer, compressor, noise gate, delay, remote control, etc. It has 24 linear level inputs and 24 microphone preamplifiers, with the functions of programming, saving, loading and copying. It is suitable for all kinds of performance venues, conference rooms, schools, intelligent buildings, enterprises and also personal use.

Feature:

- * Built-in efficient DSP audio processor, super processing capacity, built-in 7 CPU chips, more powerful computing and processing capability.
- * Built-in dual digital audio processor enables users to freely edit the effect mode, sound depth and others.
- * 24 channels of MIC input interface and 24 microphone pre-amplifiers support connecting to all types of microphones; microphone input interface supports 48V phantom power.
- * 24 linear input interface can connect to stereo devices.
- * Provide 2 sets of stereo main outputs, 8 marshalling and auxiliary outputs, 1 set of stereo monitoring output, 1 headphone monitoring output.
- * A 7-inch LCD HD color touch screen, visualized operation interface and function settings, resolution: 1024 × 600.
- * The input channel supports 4-band parameter equalization; the output channel supports 31-band graphical equalization.
- * 13 high precision electric faders with 100mm stroke.
- * Built-in 2 USB ports for stereo recording/playback/system upgrade.
- * 1 network interface, for firmware update or connecting to iPad for remote control.
- * Support scene memory function, save and call 24 scenes.
- * Support DCA grouping function, several input signals can be grouped into 1 group to control the volume, and 12 groups of DCA are supported.
- * Support replication function, can quickly debug and set the channels; support lock, unlock, password modification functions, effectively prevent wrong operations.
- * Support automatic mixing function, the microphone will automatically reduce its level when not in use.
- * Support Talkback function, press the Talkback key to make a inter-cut speech.
- * 1 USB power supply interface can connect to the USB light.
- * DANTE network audio interface and USB multi-track audio interface are optional.

Specification:

Model	TS-24PD-8
Mic input	24 channels of XLR
Line input	24 channels of stereo/single-plug interface
Intelligent output	2 sets of stereo main outputs, 8 marshalling and auxiliary outputs, 1 set of stereo monitoring output, 1 headphone monitoring output
USB interface	2 USB ports for stereo recording/playback/system update
Screen	A 7-inch HD IPS touch screen, resolution: 1024×600
Phantom power	+48VDC
AD/DA	Support 24bit/48Khz
DSP processor	32-bit floating point
Frequency response	22Hz~22KHz at 0dBu±1.5dB
Distortion	<0.01% at 0dBu 1KHz
Maximum input level	+20dBu±0.5dBu
Microphone input gain	0dBu-50dBu
Microphone input SNR	111dB
Line input gain	-20dBu-+30dBu
Noise (bus noise)	-91dB
Audio processor	12 effects: Hall, Room, Plate, Delay, Stdelay, Tremolo, Flanger, Chorus, DelayRev, StdelayRev, FlangerRev, ChorusRev
Noise gate	Threshold range: -84dBu-20dB; entry time: 0.5ms-200ms; release time: 10ms-1000ms
Compressor	Threshold range: -30dBu-+20dB; entry time: 10ms-150ms; release time: 10ms-1000ms; ratio: 1:1toLimit; gain: 0dBu-+24dB
Equalizer	21Hz-19.2KHz +/-24dB
ADC, DAC dynamic range	114dB
Internet	Network port, with external router, can connect to ipad for remote control
Power voltage	AC 90-240V 50/60Hz power supply
Working temperature	Working temperature 0-40°C; storage temperature -20-45°C
Size	530×540×210mm
Weight	12Kg