



16 Channel Mixer with DSP with 4 group

TS-16PFX-4



Description

Large professional mixer with ultra-low noise discrete microphone pre-amplifier and +48V phantom power supply; 8-way mono, 2 channel Mic/Stereo hybrid switch input, two-way Stereo sound input channel, mono input channel is equipped with 3 band equalizer, with medium frequency sweep, Stereo sound channel is equipped with 4 band equalizer, four auxiliary control, high-precision 12 level indicator. Can distribute the main output, control room/headphone output dual-track input, etc. It is suitable for all kinds of performance places, meeting, schools, industrial and mining enterprises and individuals.

Features

- * 10 channels of Mic input, 2 channels of Stereo input
- * 11 buses (8 Mono output buses, 2 Stereo output buses, 1 Stereo listening bus)
- * One pair of Stereo monitoring output port and one headset output port
- * 15 high-precision 60mm carbon film rollers
- * High-quality audio connector
- * One USB port for recording/playing
- * Built-in 24-bit DSP effector, providing 100 kinds of preset effects.
- * Built-in MP3 player.

Model	TS-16PFX-4
Mono Input Channel	16 channels
Stereo Input Channel	2 channels
Mono Insert Channel	16 channels
Phantom Power for MIC	+48V
Output Channel	11 buses (8 Mono output buses, 2 Stereo output buses, 1 Stereo monitor bus) 1 pair of Stereo monitor output port and 1 headphone output port
Frequency Response	20~20KHz \pm 1dB
Max Gain of Mono MIC to Main Output	56dB \pm 2dB
Max Gain of Mono Line to Main Output	36dB \pm 2dB
Max Gain of Stereo Line to Main Output	26dB \pm 2dB
Channel Crosstalk	<-90dB @ 1KHz
S/N Ratio (Weighted)	78dB @ 1KHz 0dB
Max Balance Output of Main Output Channel	22dB \pm 1.5dB
Max Unbalance Group Output/Main Output Channel	16dB \pm 1.5dB, without group
REC Max Unbalance Output	16dB \pm 1.5dB
Monitor Max Unbalance Output	16dB \pm 1.5dB
Effects Max Unbalance Output	16dB \pm 1.5dB
Headphone Output	12dB \pm 1.5dB @ 1KHz 32 Ω
Gain Difference between Channels	\leq 2dB
THD	\leq 0.02% @ 0dB 1KHz



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High Frequency, Intermediate Frequency, Low Frequency	12KHz, 1.8KHz, 80Hz
Center Frequency Deviation and Gain	Frequency deviation <8%, Max gain: ± 15 dB
Frequency Deviation and Gain	± 12 dB inaccuracy 2dB, Frequency deviation $\leq 8\%$
Effectors	More than 100 kinds of DSP effects: HALL, ROOM, PLATE, AMBIENT, GATED, REVERS, VOICE, DEL&REV, ECHO 40, ECHO 50, DELAY, CHORUS, CHO&DEL, CHO&REV, FLANGER, FLA&DEL, FLA&REV, TREMOLO, TRE&REV, WAH WAH, WAH&REV
Clipping Indicator Light	Indicator 3dB earlier than clipping level
12 Levels Indicator Light of Main Outputs	+9dB, +6dB, +3dB, 0dB, -2dB, -4dB, -6dB, -9dB, -12dB, -16dB, -18dB, -21dB
Power Supply & Power Consumption	~220-240V 50/60Hz, <70W
Dimension of External Power Supply	129×90×77mm
Dimension(W×D×H)	627.5×389.7×80.3mm
Net Weight	9.8Kg