



Mixer

TS-24PFX-4



Description:

The large professional mixer has 18 channels of mono, 6 channels of stereo, with dual audio processor and 4 marshalling outputs. It is suitable for various performance venues, conference rooms, schools, intelligent buildings, industrial and mining enterprises as well as personal use.

Feature:

- * 18 gold-plated XLR microphone inputs and balanced line inputs.
- * 6 stereo TRS balanced input interfaces.
- * Ultra-low noise preamplifier and +48V phantom power.
- * Extremely high space provides a wider dynamic range.
- * All input channels are equipped with mute, SOLO function, overload LED & low cut filter
- * MIC channel with low cut filter and stage.
- * Each channel has 6AUX transmission, with AUX1-2/AUX3-4/AUX5-6 and PRE/POS switchable faders.
- * Microphone channel IF supports 3-band EQ adjustment.
- * Stereo channel has 4-band EQ.
- * With SUB1-2, SUB3-4, MAINL-R and center signal distribution switch.
- * 100mm high precision fader.
- * Each channel is equipped with a plug-in interface and a direct output interface, a main plug-in interface for flexible connection to external devices.
- * (SUB1-SUB2)(SUB3-SUB4)(L-R) (center) A&B matrix.
- * Control room or mobile devices.
- * 2-TRACK IN can be distributed to the main microphone, control room/headphone output.
- * Fully assignable intercom system.
- * With USB port, support recording SUB1-2 or main output, and transmitting to CH23-24 system bus for playback.
- * 100 options of DSP effects.



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Specification:

Model	TS-24PFX-4
Input	
Input impedance	Mic 2kohm balanced Line 10kohm balanced
Input gain	Mic continuous variable: 0dB to +50dB Line-mono continuous variable: -15dB to +35dB Line-stereo continuous variable: -20dB to +20dB
Maximum input level	Mic +22dBu Line - (mono) + 22dBu Line - (stereo) + 22dBu
Interface transmission impedance	120ohm unbalanced
Interface transmission level / maximum	-10dBu/+22dBu
Loop impedance	10kohm unbalanced
Interface loop level / maximum	-10dBu/+22dBu
CMR at 1 kHz Line (20Hz-20kHz)	>60dB
Frequency response	Mixing to mixing 20Hz-20kHz +/-3dB
SNR (20Hz-20kHz)	
System noise (20Hz-20kHz)	Mic EIN ref.150ohms-117dBu
Summing noise	-90dBu (24-channel routing pull low to fader)
Wired mixing noise	-86dBu (24-channel routing to 0dB, pan center)
Distortion at 1kHz	Mixing to device interface (+30dB overall gain, +20dBu output) <0.009% Mixing to device interface (+30dB overall gain, +20dBu output) wavelength 0.03%
Crosstalk at 1 kHz	Channel to channel >-80dB Mixing to mixing >-80dB Channel to mixing >-80dB
Fader attenuation	>100dB
Output (rated signal level mic-50dBu to 0dBu-Line 0dBu)	
Output channel	14 outputs (4 group outputs, 6.5 single-plug interface output; 6 auxiliary, 6.5 single-plug interface output; 1 stereo monitor, 6.5 single-plug interface output; 1 stereo RCA output port; 1 stereo main output XLR/6.5 single plug interface; 1 channel center audio output/6.5 single plug interface.)
Output impedance	All line outputs are 120ohm unbalanced
Interface transmission impedance	120ohm unbalanced
Interface transmission level / maximum	+22dBu
Interface loop impedance	10kohm imbalanced
Interface loop level / maximum	+22dBu
Maximum output level at XLR main output	+28dBu
All outputs on 1/4" plug	+22dBu
Headphone	+22dBu/600ohm
Main mixing section	
Treble slope	+/-15dB @ 12kHz
Alto-treble signal bell (stereo)	+/-12dB @ 3kHz
Alto-treble signal bell (single)	+/-12dB frequency range 100Hz-80kHz
Alto-bass signal bell (stereo)	+/-12dB @ 500Hz
Bass signal bell (stereo)	+/-15dB @ 80Hz
High pass filter slope	-18dB/Oct. @ 75Hz
Power supply	100-240V-50/60Hz
Net weight	14.1kg
Gross weight	17.5kg
Actual size (D×W×H)	530×770×190mm
Outer box size (D×W×H)	618×840×266mm