



Features

- * SMT technology circuit design, powerful and full features, nice sound, clear treble and shock bass.
- * 8 (TS-16P-4) microphone and line inputs with effect returns.
- * 8 stereo inputs; 4 stereo external effect signal inputs.
- * Independent 4 group busses outputs, 2 aux outputs, 2 effect outputs.
- * Microphone input interface with 48V phantom power supply, power can be offered to phantom microphone directly.
- * External power adapter with low noise design.
- * With LED DJ light.

Specifications

Model	TS-16P-4
Mono Input Channel	8 channels
Stereo Input Channels	4group (8 mono channel)
Mono Insertion Channel	8 channels
Single Channel Microphone Interface Phantom Power	+48V
Output Channel	2 main output, 4 group busses output, 2 Aux output, 2 CD/TAPE output, 2 effect output, 1 stereo headphone output
Frequency Response	20~20KHz ± 0.5 dB
Mono Sound Channel Microphone to Output Maximum Gain	56dB ± 2 dB
Mono Sound Channel Line to The Main Output Maximum Gain	36dB ± 2 dB
Stereo sound channel line to the output maximum gain	26dB ± 2 dB
Channel Crosstalk	<-90dB @ 1KHz
Signal to Noise Ratio	≥ 83 dB @ 1KHz 0dB
The Main Output Channel Maximum Equilibrium Output	25dB ± 1.5 dB
The Main Output / Marshalling The Maximum Unbalanced Output	19dB ± 1.5 dB
Aux Maximum Unbalanced Output	19dB ± 1.5 dB
CD/TAPE Lost The Maximum Unbalanced Output	19dB ± 1.5 dB
The Effect of Unbalanced Output	19dB ± 1.5 dB
Headphone Output	12dB ± 1.5 dB@1KHz 32 Ω
Gain Difference Between Channels	≤ 2 dB
Distortion degree	$\leq 0.02\%$ @ 0dB 1KHz
Mono Channel Equalization	
High Frequency, Intermediate Frequency, Low Frequency Range	12KHz, 110~8KHz, 80Hz
Frequency Offset and Gain Frequency	Frequency offset less than 8%, max gain is ± 15 dB
Stereo Channel Equalization	
High Frequency, High Frequency, Low Frequency, Low Frequency Range	20KHz, 3KHz, 500Hz, 20Hz
Frequency Offset and Gain Frequency	Frequency offset less than 8%, max gain is ± 15 dB
The Main Output 9 Bands Graphic Equalizer	
The Center Frequency	63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz, 16KHz
Frequency Offset and Gain	± 15 dB error 2dB, frequency offset $\leq 8\%$
Effector	A couple of 21 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
Channel Clipping Indicator	3dB indicates in advance than clipping level
12 Brands Lever Indicators	+6dB, +3dB, 0dB, -3dB, -6dB, -9dB, -12dB, -15dB, -18dB, -24dB, -30dB, -36dB
Power Supply and Consumption	~220-240V 50/60Hz, <100W
Output Power	
External Power Supply Dimension	212mm \times 143mm \times 77mm
Product Dimension (W \times D \times H)	525 \times 512 \times 65mm
Net Weight	8.5Kg