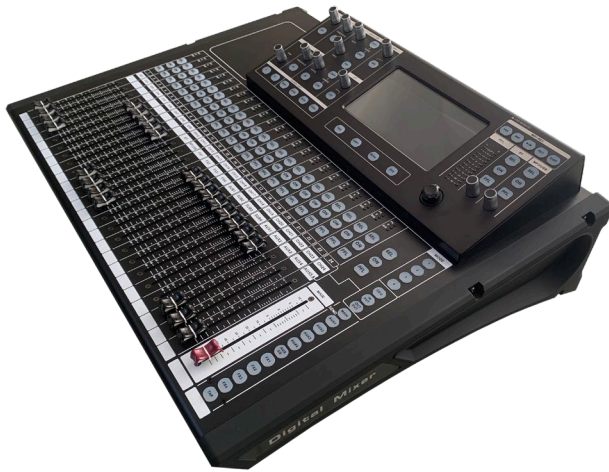

Digital Mixer T24



Product parameters

- 24 Channels MIC input 1 stereo inputs
1 Group Digital input: AES / sound card, MP3
- Input channel pan adjustment
- MIC input gain adjustment (digital gain)
- +48V phantom power (MIC channels can be turned on and off independently)
- Built-in noise gate, Compressor, high and low pass, input 5 Bands equalization, delay, channel harmony adjustment
- Channel parameter fast copy function, Feedback Exterminator.
- Support input channels odd-even Joint adjustment
- Input and output EQ ON/OFF
- Multi-function knob
- Each channel has a multi-function menu, mute and monitor
- The channel is equipped with 100MM motorised faders, signal and peak light (25 ALPS motorised faders)
- 12-channel signal output (main output L, R, 6-channel AUX output, 4 Channels Group output)
- AUX output (before/after fader)
- Output processing: high and low pass filtering, 15-band parametric equalization, compressor, delay, phase
- Digital recording function
- Double row 3 color 12-segment level indicator
- Built-in sound card (MP3, PC directly play music)
- 4 quick scene recall modes, 20 modes storage
- User parameter storage and recall (can be managed on the pc side)

- Built-in four-channel dual DSP effects
- FX foot switch interface
- AES input/output
- Multi-OS operating system (IOS system, Android system, WINDOWS system)
- Support wired network port adjustment (or external router wireless adjustment)
- 7 inch 1024*600 capacitive touch display
- User-customizable layer, output mixed editing function

System Specifications

Input	Mic/Line Inputs: 1-24	Balanced, XLR and 1/4" TRS jack,	Control	Faders	ALPS 100mm motorised
	Input Sensitivity (XLR/TRS)	XTR1.5mv,TRS change to 7mv		Touch Screen	7" TFT, 1024×600 resolution
	Analogue Gain	-32db To 10db , 0.6~0.7 Steps		Output Groups	Yes
	Maximum Input Level (XLR / TRS)	+19dBu/+29dBu		Mute Groups	No
	Input Impedance (XLR / TRS)	MIC>5K , LINE>10K		Network	TCP/IP Ethernet for PC and iOS apps
	Mic Stereo Line Inputs	Yes		System Update	USB disk
	Parameters linked	EQ, dynamics, insert, delay, assignments, sends, Ducker		Wire connected	Windows PC software connected
	Polarity	Normal/Reverse		Wireless connected	Windows PC/iPad/android
	Stereo Line Inputs		Input Processing	Source	Local CH1-CH24, ST1 Local ST2 digital
	ST1/ST2	Balanced, 1/4 TRS Jack		EQ	5-Band EQ, (20HZ--20KHZ) ± 12dB, Q 0.3~15 available
	ST3 connector	USB B Streaming, U Disk, S/PDIF		High and low pass	12db/24db,(BT/BS/LRK), 20-20K
	Input Sensitivity	Nominal 4dB		Noise gate	Self key Sidechain
	Analogue Gain	-32db To 10db , 0.6~0.7 Steps		Gate threshold	-135db To-40db
	Maximum Input Level	+29dB		Attack /release	50us-300ms/10ms-5s
	Input Impedance	>7KΩ		Compressor	Self key Sidechain
	Stereo linked	Yes		Threshold / Ratio	-40db-+6db/1:1 infinity
	Parameters linked	EQ, dynamics, insert, delay, assignments, sends, Ducker		Delay	MAX 20ms

	Polarity	Normal/Reverse			
Outputs	Mix1-10 and LR Out	Balanced, XLR, L/R,4SUB,6AUX	Output Processing	Output channels	L/R,4SUB,6AUX
	Output Impedance	<75Ω		EQ	15 Bands EQ, (20HZ--20KHZ) ± 12dB,Q0.3~15 available
	Nominal Output	+4dbu=0db meter reading		High and low pass	12db/24db,(BT/BS/LRK),20-20KHZ
	Residual Output Noise	=-91dbu		Compressor	Self key Sidechain
	Mix insertion	Assign FX to the mix channel		Threshold / Ratio	-40db+6db/1:1 infinity
	Dynamic Range	112dB		Delay	MAX 30ms
	S/N Ratio	XLR≥ 92db,TRS≥82db	USB	Driver	CH340(USB A)
	Maximum Output Level	4VAC MAX		USB A	USB disk
	THD	<0.0003% (1KHzFull Power)		Stereo Record	2channels(wav/mp3)48KHz 24
	Frequency Response	20HZ-20KHZ+/-0.5db		Stereo Playback	2channels(WAV/MP3)32-96KHz,16-24bit
	Sampling Rate	48KHz ± 100PPM	USB Audio	USB Audio Streaming	USB B
	ADC/DCA	24 bit Delta-sigma		Send (upstream)	2channels WAV, 32KHz-96KHz 24bit
FX	Internal FX	4x RackFX engine,Send>Return or Inserted		Return (downstream)	2Channels WAV, MP3,48KHz,24Bit
	Types	Reverbs, Delays, Gated Reverb, ADT			
	4 dedicated Stereo FX returns	Fader, Pan, Mute, Routing to Mix/LR, 5-Band PEQ			
System	Linux system	Chinese or English	Power	100-240VAC,50-60H,150W	

Mixer size/weight

WxDxH: 637*515*215MM (The length includes 6.35 input socket, the width includes the side panel, the height includes the machine foot; the knob is not included)

Net Weight: 12KG Gross Weight: 15.5KG

Package size: 760*620*310MM

Applications: conference rooms, multi-purpose halls, small performances, small bands, government, schools, bars, wedding companies, rental companies, Ballroom, military, cultural halls, cultural centers, conventions, etc.