

Full Feature List



Side panel

- Adopt high-performance digital signal processor, precise 40 bit floating point math operation, 24bit/48KHz high performance ADC/DAC, 114dB typ. dynamic range. Pay attention to every detail of the sound you pay attention to, and show the rich sound connotation.
- 10 signal inputs (6 MIC inputs, 1 stereo analog input, 1 stereo USB/Bluetooth/PC sound card input)
- 6 signal outputs (main output L/R, 2 AUX, 1 stereo recording, HeadPhone)
- 4.3-inch high-brightness true-color TFT display with smart capacitive touch screen.
- It adopts 100mm stable, durable, high-speed electric fader, which is easy to operate and feel good.
- USB Media playback, supports MP3, AAC, WAV, AIFF, APE or FLAC file formats. Use an external U disk to record directly, without an external computer. In addition, you can also use a PC sound card to record.
- USB interface Bluetooth, plug and play, connect your mobile phone's Bluetooth device at any time to realize wireless music playback.
- Practical howling suppression function, each microphone input channel can add howling suppression function.
- The built-in DSP digital effector is equipped with various effect modes commonly used in vocals and musical instruments to choose at will.
- The input channel has analog gain, 4-band PEQ, high/low pass filter, noise gate, compressor, polarity reversal, feedback suppressor, independent 48V phantom power supply, etc.
- The output channel has 4-band PEQ, high/low pass filter, compressor, delayer.
- Channel parameter copy function, quickly copy data to each channel.
- Optimized MICs automatic mixing function, multiple MICs can be used at the same time, intelligent volume distribution management.
- Provides 6 dedicated shortcut buttons for scene modes, which can be used to quickly recall new scenes with one key when needed.
- Support 100 sets of channel presets, which can be exported and imported to/from USB storage for easy data backup.
- The UDP control command open to the third party can easily realize the remote central control function.
- Support multi-system platform APP control (IOS Apple, Android, windows)
- The ISUeasy™ remote firmware upgrade function supports a comprehensive upgrade of the system (including the MCU program) by booting the upgrade package data from the USB port, ensuring that the TF digital mixer you have purchased can be easily and completely upgraded to the latest state.
- Anti-misoperation, with one-key lock function.



Front panel



Back panel



NEW LINES DIGITAL MIXING CONSOLE

Technical performance parameters

Channel type	parameter name	Actual measurement result	Test conditions and instructions
MIC/Line Channel	Analog gain	-5 ~ 50dB	± 10% tolerance scope
	Maximum input level	+24dBu (12.28V)	@Min Gain -5dB
	Channel noise	-83.5dBu (50.8uV)	@Unity Gain 0dB, A-wt
		-76.2dBu (110uV)	@Max Again 50dB, A-wt
	Total harmonic distortion	0.006%	@Unity Gain 0dB, +4dBu@1kHz
	Dynamic Range	102dB	@Min Gain -5dB, +24dBu@1kHz, A-wt
	Signal-to-noise ratio	88dB	@Unity Gain 0dB, +4dBu/1kHz, A-wt
	Frequency response	± 0.014dB	@Unity Gain 0dB, +4dBu20Hz-20kHz
Channel crosstalk	-105dB	@Unity Gain 0dB, +4dBu/1kHz	
ST Channel	Analog gain	-5 ~ 30dB	± 10% tolerance scope
	Maximum input level	+24dBu (12.28V)	@Min Gain -5dB
	Channel noise	-81dBu (62.8uV)	@Unity Gain 0dB, A-wt
		-81dBu (62.8uV)	@Max Again 50dB, A-wt
	Total harmonic distortion	0.007%	@Unity Gain 0dB, +4dBu/1kHz
	Dynamic Range	102dB	@Min Gain -5dB, +24dBu/1kHz, A-wt
	Signal-to-noise ratio	85.5dBu	@Unity Gain 0dB, +4dBu/1kHz, A-wt
	Frequency response	± 0.017dB	@Unity Gain 0dB, +4dBu20Hz-20kHz
Channel crosstalk	-80dB	@Unity Gain 0dB, +4dBu/1kHz	
Main LR / AUX	Redundant noise	-93.4dBu (16.5uV)	A-wt
	Maximum output level	+18dBu (6.15V)	Differential balanced output