



► Feature:

1. Supports connection of two interface boxes.
2. 1.14-inch channel TFT LCD guide display, channel name and background color can be customized (supports Chinese).
3. MIC input gain adjustment (smooth digital gain, participate in saving to scene).
4. Mic input channel (Linked) odd-even or AB joint adjustment.
5. +48V phantom power (MIC channels can be turned on and off independently, participate in saving to scene).
6. Mic input channel independent PAD attenuation switch.
7. Each input channel has built-in compressor, noise gate, phase, high and low pass filter, 5-band parametric equalizer, delay, channel sound and image balance adjustment.
8. Channel parameter quick copy function.
9. Each channel has a multi-function menu, mute and monitoring.
10. Each channel is equipped with a 100MM electric fader (26 ALPS electric faders).
11. Independent physical fader control of input, output and effect channels.
12. Each channel fader supports user-defined layer function.
13. Two fader layer page turning buttons (input page turning, output and effect fixed faders, more convenient and quick operation).
14. 8 customizable physical buttons Keys.
15. 13 DCA groups, 13 mute groups.
16. Integrated feedback suppressor management.
17. Built-in signal generator (pink noise/sine wave/white noise), customizable output from any one or more output channels.
18. Built-in real-time spectrum RTA function (color editable).
19. Support dual-machine synchronous data backup.
20. Channel and scene editing supports Chinese input method.
21. Support integrated automatic mixing function, talkback microphone function.
22. Support MIDI interface input.
23. AUX output (before/after fader) can be set.
24. Each output channel processing: high and low pass filter, 15-31 segment parametric equalization (GEQ supports control on the fader), compressor, delay, phase.
25. USB stereo digital recording function.

26. Built-in sound card (mobile phone, IPAD, MP3. PC direct playback, recording).
27. 8 quick scene call modes, 100 scene storage, Customizable scene names, support Chinese input, seamless scene switching, no sound interruption, support U disk import and export.
28. 4 independent DSP effects built-in locally, preset multiple effect modes for users to use directly.
29. FX foot switch interface.
30. 12V output interface, can be connected to external lighting equipment.
31. One-click factory reset.
32. Support 232 central control.
33. Multi-operating system control software (IOS system, Android system, WINDOWS system).
34. Support wired network port adjustment (or external router wireless adjustment).
35. 10.1-inch 1280*800 high-definition capacitive touch display.

Specification:

Microphone/line input	1-24 (local) balanced, XLR and 1/4 TRS jacks
Input sensitivity (XLR/TRS)	XLR1.5mv, TRS 7mv
Input analog gain	-32db to 10db, 0.6~0.7 steps
Maximum input level (XLR/TRS)	+19dBu/+29dBu
Input impedance (XLR/TRS)	MIC > 5K, LINE > 10K
Mic input stereo link	Yes
Parameter link	balance, dynamics, delay, distribution, send
Polarity	normal/flip
jack	With one 3.5 lotus jack
Input sensitivity	nominal 4dB
Input analog gain	-32db to 10db, 0.6~0.7 steps
Maximum input level	+29dB
Input impedance	>7KΩ
Stereo link	Yes
Parameter link	balance, dynamics, delay, distribution, send
Polarity	normal/flip
Fader	26 ALPS 100mm electric
Touch screen	10.1" TFT, 1280*800 resolution
DCA group	13
Mute group	13
Attack/Release	50us-300ms/10ms-5s
Compressor	Direct switch
Threshold value ratio	-40db-+6db/1:1 to infinity
Input processing delay	Maximum 20ms
Output channel	Main output L/R, 14AUX auxiliary output
Equalizer	15-31 band parametric EQ, (20HZ--20KHZ) ± 12dB, Q0.3~15 adjustable
High and low pass	12db/24db, (BT/BS/LRK), 20-20KHZ
Compressor	direct switch
Threshold ratio	-40db-+6db/1: 1 to infinity

Output processing delay	maximum 30ms
Driver	CH340 (USB A)
Device	Use a USB hard disk (U disk)
Stereo recording	2 channels (wav/mp3) 48KHz 24
Stereo playback	2 channels (WAV/MP3) 32-96KHz, 16-24 bits
Sound card	USB B
Mix 1-14AUX and left and right outputs (local)	balanced, XLR, L/R, 14AUX
Output impedance	<75Ω
Nominal output	+4dbu=0db level meter reading
Residual output noise	=-91dbu
Mix insert	assign FX to the mixing channel
Dynamic range	112dB
Signal-to-noise ratio	XLR≥ 92db, TRS≥82db
Maximum output voltage	4VAC MAX
Distortion	<0.0003% (1Khz Full Power)
Frequency response	20HZ-20KHZ+/-0.5db
Sampling rate	48KHz ±100PPM
ADC/DCA	24-bit Delta-sigma
Internal FX	4xFX engine, send> return or insert
Product size	length*width*height: 746*509*248MM