



Functional description :

1. 7-inch resistive touchscreen with 1024x600 resolution;
2. 13 100mm electric pushers;
3. Switch between Chinese and English interfaces at any time without restarting;
4. Built-in USB recording and playback functionality;
5. Supports playback of lossless audio formats including APE, FLAC, MP3, and WAV;
6. The USB player can recognize Chinese song titles.
7. Built-in 16-channel independent feedback suppressor;
8. Built-in 16-channel automatic mixing;
9. Integrated Speaker Manager;
10. Supports third-party control protocols: TCP/IP and RS-232 control commands;
11. Includes 2 DC adapters;
12. Full-featured control via iPad touchscreen with real-time data synchronization;
13. Optional Wi-Fi hotspot;
14. Supports simultaneous control from up to 8 terminals;
15. Built-in 2 effects modules;
16. ARM firmware and DSP firmware can be upgraded via the network or a USB resistor disk.
17. Each input channel features 4-band parametric equalization, noise gate, feedback suppressor, high/low pass filters, compression, and phase inversion.
18. Each output channel features 8-band parametric equalization, high-pass and low-pass filters, compression, phase inversion, and a 1-second delay.
19. Output channels: L/R, 6BUS, 2AUX, Headphone (L/R);
20. 6-channel BUS and 2-channel AUX mix buses with selectable pre-fader or post-fader routing (PRE/POST);
21. Supports 100 scene presets, with export/import functionality to USB storage for convenient data backup;
22. 100 PEQ mode presets;
23. Built-in signal generator: sine wave, pink noise, white noise;
24. Channel parameter copy function: Quickly replicate data for identical channels.
25. Connection method: Balanced input and output XLR connectors;
26. 8 fader groups, 1 system mute button, 3 quick mute buttons;
27. Features a panel lock button (to prevent accidental operation);

Technical specifications:

Analog Input	16CH (14MIC + 2Line)+USB
Numeric input	1*S/P DIF 、 1*fiber optic
Analog Output	L/R+6BUS+2AUX+ Headphone(L/R)
Digital Output	1*AES EBU
DSP	ADSP-21489 400Mhz
Output noise floor	-89dBu Unweighted (AES17-20KHz)
Distortion	0.005% @4dBu 20 ~ 20KHz
Maximum Signal-to-Noise Ratio	106 dB Unweighted
Dynamic Range	106dB
Frequency response	20Hz - 20KHz ±0.3dB @0dBu
Maximum Input Level	18dBu (6.2Vrms) Balanced XLR input
Maximum Output Level	18dBu (6.2Vrms) Balanced XLR output
Communication Interface	RS232、 TCP/IP
Power supply	AC 100v-240v 50/60Hz
Power consumption	55W
Dimensions (Width × Depth × Height)	450*460*168mm
Net Weight	10KG