



Functional description :

1. 7-inch capacitive touchscreen with 1024x600 resolution;
2. Switch between Chinese and English interfaces anytime without restarting;
3. Built-in USB recording and playback functionality;
4. The USB player can recognize Chinese song titles.
5. Built-in 12-channel independent feedback suppressor;
6. Integrated Speaker Manager;
7. Supports third-party control protocols TCP/IP and RS-232 control commands;
8. Includes 2 DC adapters;
9. Full-featured control via iPad touchscreen with real-time data synchronization;
10. Supports simultaneous control from multiple terminals;
11. Built-in 1 effects module;
12. Firmware can be upgraded via the network or a USB flash drive.
13. The input channel features 4-band parametric equalization, noise gate, feedback suppressor, high/low pass filters, compression, and phase inversion.
14. Output channels feature 8-band parametric equalization, high-pass and low-pass filters, compression, and phase inversion.
15. The BUS mixing bus can be selected as pre-fader or post-fader (PRE/POST).
16. Supports 100 scene presets, which can be exported and imported from USB storage devices or computers for convenient data backup;
17. 100 PEQ mode presets;
18. Built-in signal generator: sine wave, pink noise, white noise;
19. Channel parameter copy function: Quickly replicate data for identical channels.
20. 8 fader groups, 4 mute groups;
21. Channel names can be customized;
22. 3 customizable shortcut keys, with flexible configuration options for their functions;

Technical specifications:

Analog Input	16CH(12MIC+4Line)+USB
Analog Output	L/R+6BUS+Headphone(L/R)
DSP	ADSP-21488400MHz
Output noise floor	-90dBu unweighted (AES 17-20kHz)
Distortion	0.0045% @ 4 dBu, 20 Hz to 20 kHz
Maximum Signal-to-Noise Ratio	110dB unweighted
Dynamic Range	105dB
Frequency response	20Hz-20KHz ±0.5dB @ 0dBu
Maximum Input Level	18dBu (6.15Vrms) balanced XLR input
Maximum Output Level	18dBu (6.15Vrms) balanced XLR output
Control Protocol	RS232, TCP/IP
Power supply	AC100v-240v50/60Hz
Power consumption	55W
Dimensions (Width × Depth × Height)	482 x 250 x 130 mm
Net Weight	4.5kg
Analog Input	16CH(12MIC+4Line)+USB