



Description

It has powerful DSP processing capabilities and uses a touch control screen equipped with a professional digital audio processing interface. Professional buttons and touch screen can quickly operate various functional modules, such as level meter, PEQ, Limiter, USB recording and playback, scene storage, system settings, etc.

Feature

- *The professional operation panel consists of a 10.1-inch 1280×800 true color capacitive touch screen, digital encoder and dedicated buttons, which can quickly and easily perform all settings.
- *It has 13 100mm motorized faders that can control all channels and main outputs: 1 LR master channel fader, 12 channel faders and 2 fader layers.
- *Supports switching between Chinese and English interfaces without restarting.
- *Built-in USB recording and playback functions. Able to identify Chinese and English song names in USB electronic disks, with functions such as fast forward, next song, quick pause, etc., very convenient for on-site operation; and supports playback of APE, ELAC, WP3, WAV lossless audio formats.
- *The inputs have independent feedback suppressors, support gain-sharing automatic mixing, and have 2 DCA groups .
- *It has 2 built-in effects, including classic reverb, large room reverb and other effect modules; FX sound effects can be returned to the mix using a dedicated return channel and do not occupy the mono and stereo input channels.
- *Supports full-function control of iPad touch screen and real-time data synchronization; supports simultaneous control of 8 terminals.
- *ARM firmware and DSP firmware can be upgraded via the network or USB.
- *Each input channel has 4-band parametric equalization, noise gate, high and low pass, compression, and phase inversion.
- *Each output channel has 8-band parametric equalization, high and low pass, compression, phase inversion, and 1800 millisecond delay.
- *The output channels support L/R, 6BUS, 2AUX, HeadPhone (L/R), and the mixing can be selected before or after the fader (PRE/POST).
- *Supports 100 sets of scene presets, which can be exported and imported into USB storage for easy data backup; supports 32 PEQ mode storage.
- *Built-in signal generator: sine wave, pink noise, white noise.
- *Supports channel parameter copy function, quickly copy data of the same channel, and the channel name can be customized.
- *Wiring method: balanced input (XLR, TRS), output XLR (XLR).
- *Supports 8 fader groups and 3 quick mute group buttons.
- *Equipped with panel lock button to prevent accidental operation.
- *Supports IPAD tablet, Android tablet, WIN system computer software control, and supports open central control code.



Specification

Input	4-channel balanced XLR input interfaces, 16-channel TRS input interfaces, 2-channel OPTICAL interfaces, 2-channel S/PDIF interfaces, 2-channel USB2.0 input sound cards
Output	1 stereo main output (XLR), 2-channel AES outputs, 6-channel BUS outputs (XLR), 2-channel AUX outputs
Noise Floor	-90dBu unauthorized (AP 515 tested AES17-20Khz)
Distortion	0.005% @4dBu 20 ~ 20Khz
Signal-to-Noise Ratio	-108dB No Memory
Dynamic range	108dB
Maximum input and output level	18dBu (6.2Vrms) balanced
Frequency response	20Hz~20KHz ±0.5dB
Touch	capacitance
Operating system	Linux
DSP	ADSP-21489 400Mhz
USB	Recording and playback (playback formats APE, FLAC, MP3, WAV)
DCA	have
Electric hair clippers	13
IPad control	have
Effects	2 effects buses (6 preset effects parameters, 24 user memories)
Feedback Suppressor	16 independent
Ethernet	100M
RS-232 Protocol	have
USB mouse	Support wired USB mouse
Power supply	AC 100v-240v ; 50/60Hz 55W
Dimensions (width x depth x height)	460×545×205mm
Net weight	10.7kg
Gross weight	14.9kg
Package size	635 × 580 × 335 mm