



SAP-F1608S

16-Channel Digital Mixing Console

The SAP-F1608S 16-Channel Digital Mixing Console features a 7-inch capacitive touchscreen with 1024×600 resolution, enabling seamless multi-language interface switching without rebooting, and is equipped with 9 motorized 100mm faders for precise control. It integrates professional audio processing tools including 4-band parametric EQ, noise gates, feedback suppressors, and compressors on input channels, alongside 8-band EQ on outputs, while supporting 8 fader groups and 4 mute groups. 100 scene presets for easy data backup, and a signal generator for testing.

MAIN FEATURES

▲ High-Resolution Touchscreen Interface

7-inch capacitive touchscreen (1024×600 resolution) with seamless Chinese-English interface switching without rebooting.

▲ Professional Control Layout

- 9 x 100mm motorized faders for precise audio adjustment.
- 8 fader groups and 4 mute groups for flexible channel management.

▲ Integrated Audio Processing

- Input channels: 4-band parametric EQ, noise gate, feedback suppressor, high/low pass filters, compressor, phase inversion.
- Output channels: 8-band parametric EQ, high/low pass filters, compressor, phase inversion.
- 8 independent channel feedback suppressors and 1 built-in effects processor module.

▲ Versatile Recording & Playback

- Built-in USB recording/playback functions with Chinese song title recognition.
- 100 scene presets for quick recall, exportable/importable via USB or computer.

▲ Network & Remote Control

- Open control protocols: TCP/IP, RS-232 for third-party integration.
- Full-function iPad touchscreen control with real-time data sync for multi-terminal operation.

▲ Customizable & Flexible Design

- Channel parameter copy function for rapid configuration.
- Customizable channel names, 100 PEQ mode memories, balanced XLR I/O connections.

SPECIFICATION

AUDIO PARAMETERS

DSP:	400Mhz Floating Point
Feedback Suppressor:	MIC 1~8 channels
USB Playback:	Playback formats: APE, FLAC, MP3, WAV
USB Recording:	Supported
Output Noise Floor:	-90dBu Unweighted (AES17-20Khz)
THD:	0.008% @4dBu 20~20Khz
Maximum Signal-to-Noise Ratio:	108dB Unweighted
Dynamic Range:	108dB
Frequency Response:	20Hz—20KHz ± 1.5 dB @0dBu
Maximum Input Level:	14dBu (3.88Vrms) Balanced XLR Input
Maximum Output Level:	14dBu (3.88Vrms) Balanced XLR Output
Effectors:	6 Preset effect libraries

INTERFACES

Analog Input:	16 Channels (12MIC + 4Line)
Analog Output:	L/R + 4BUS + Headphone(L/R)
Electric Faders:	×9
Ethernet:	100M
USB Mouse:	Supported
DCA:	Yes

POWER PARAMETERS

Power Input:	AC 100v-240v, 50/60Hz 55W
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MECHANICAL & ENVIRONMENT PROPERTIES

Display Screen:	7 inches
Resolution:	1024x600
Touch Screen:	Capacitive
Main Control CPU:	Dual-core 1.2G
Operating System:	Linux
RS-232 Protocol:	Yes
TCP/IP Protocol:	Yes
iPad Control:	Supported
Product Dimension:	358(W)x380(D)x125(H)mm
Product Weight:	6.4kg
Product Warranty:	2 Years

ACCESSORIES

1×Digital Mixer
1×Power Adapter (Optional)
1×3-PIN Phoenix Connector (Euro Block)
1×Quick Installation Guide
1×Warranty & Certification Card

CONNECTION DIAGRAM

