

SAP-F16A

16-Channel Analog Mixer

The SAP-F16 16-Channel Analog Mixer features ultra-low noise discrete mic preamps with +48V phantom power, balanced XLR mic/line inputs.. Its 2 stereo channels support XLR/TRS/RCA inputs, while mono channels offer 3-band EQ (with mid-sweep) and peak indicators. It also has built-in 24-bit DSP effects with 100 presets . Each channel includes PFL/mute, 60mm faders, and bus assignment to groups/main mix (XLR/TRS outputs). It also has an MP3 player and a USB port for recording/playback via select channels.

MAIN FEATURES

▲ Connectivity and Playback Options

- Bluetooth Support: Easily connect and stream audio from Bluetooth devices.
- MP3 Player: Built-in MP3 player for playing digital audio files.
- USB Recording: Record directly to USB for easy playback and storage.

▲ Signal Processing and Control

- Parametric Equalization: Features a bypass start button with parametric equalization.
- Nonlinear Gain Technology: Uses advanced nonlinear gain technology.
- High and Low Impedance: Equipped with switching function for high and low impedance.
- 4-Way Grouping: Includes four-way grouping function for versatile control.
- High-Efficiency EQ: Mono channel features a high-efficiency 3-band EQ.

▲ Easy Installation and User Interface

- Ease of Installation: Designed for easy installation in cabinets, comes with mounting bracket.
- AUX Return: 4 AUX return with level control, can send signals to AUX1-4.
- Recorder Input/Output: Separate switch for recorder input/output, distributing signals to the control room and output.
- Level Indication: 12-bit LED light for clear level indication.

SPECIFICATION

AUDIO PARAMETERS

Frequency Response:	10Hz - 55KHz
THD:	<0.005% @+4 dBu
Phantom Power:	+48V
Microphone Balanced Input Noise:	-100 dBu
Crosstalk:	-90 dB@1 kHz
Equalizer (Mono):	Treble: +/-15 dB@12 kHz
	Mid: +/-15 dB@100Hz-3 kHz
	Bass: +/-15 dB@80 Hz
Equalizer (Stereo):	Treble: +/-15 dB@12 kHz
	High Mid: +/-15 dB@3 kHz
	Low Mid: +/-15 dB@500Hz
	Bass: +/-15 dB@80 Hz
Maximum Output Level:	+22 dBu
Maximum Input Level:	+30 dBu, Gain @+10 dB
Input Impedance:	Microphone Input: 2.6KΩ, Balanced
	Stereo Input: 20KΩ, Balanced
	Auxiliary Input: 20KΩ, Balanced
	Recording Input: 24KΩ, Balanced
Output Impedance:	Main output: 240Ω, Balanced; 120Ω, Unbalanced
	Auxiliary output: 120Ω, Balanced
	Recording output: 1KΩ, Balanced
	Headphone: 25Ω, Balanced

INTERFACES

Input Channels	MONO INPUT (MIC/LINE) *8 (CH1-8)
	MONO/STEREO INPUT (MIC/LINE) *2 (CH9-12)
	Stereo Input (LINE) *2 (CH13-16)
	Insert Input *10
Output Channels	Stereo Output *2
	Monitor Out *1
	Aux Send *4
	Group Out *4
	Phones Out *1
	DFX Out *2

POWER PARAMETERS

Power Input	100-240V~50/60Hz
Rated power	30W

MECHANICAL & ENVIRONMENT PROPERTIES

Product Dimension:	431*493*86 (mm)
Product Weight:	5.5kg
Product Warranty:	2 Years

ACCESSORIES

1×Analog Mixer

1×Power Adapter (Optional)

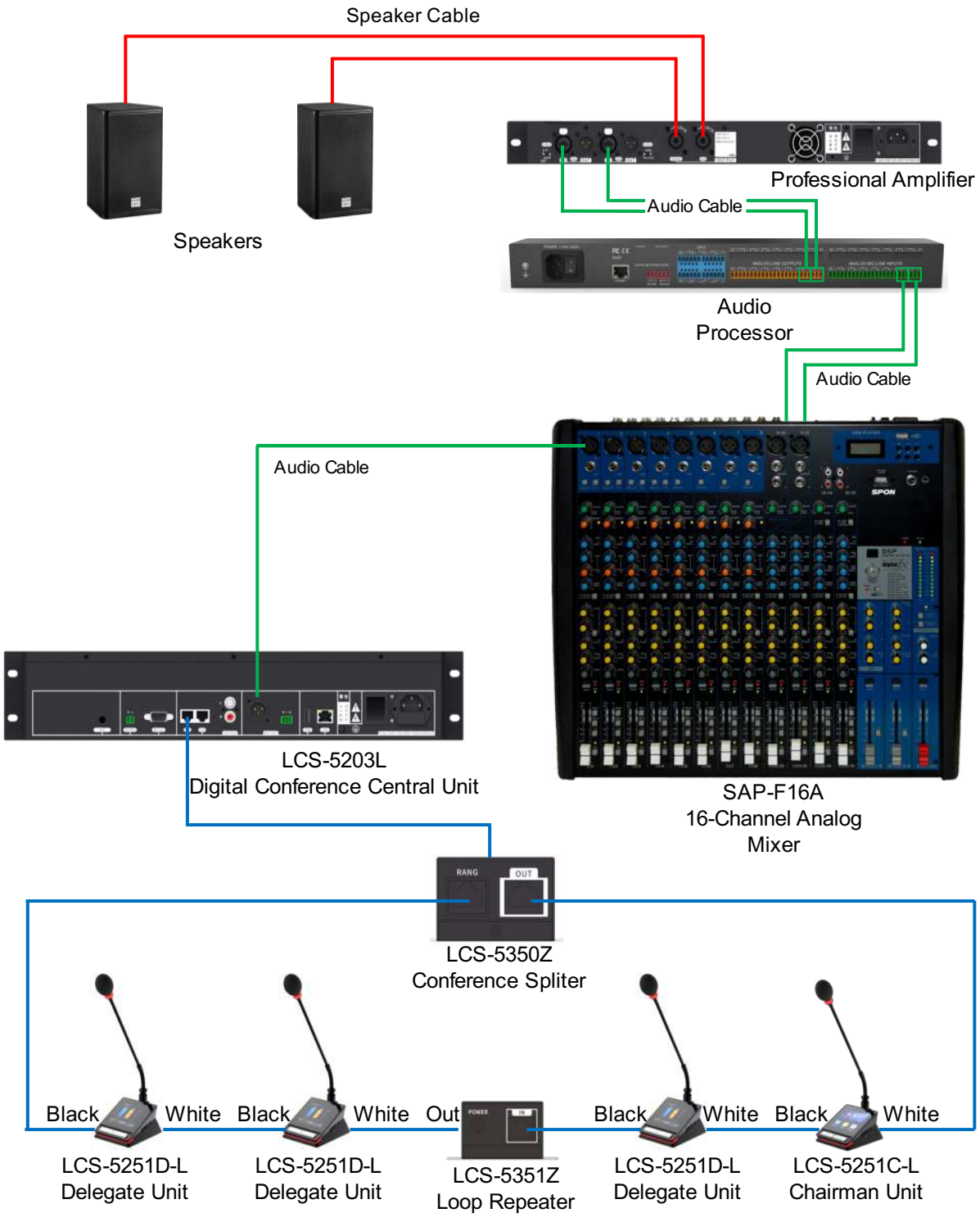
2×Installation Bracket

8×Installation Screws

1×Quick Installation Guide

1×Warranty & Certification Card

CONNECTION DIAGRAM



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