

Specification

Product Name: 8-Channel Analog Mixer

Product Model: HY-WM0802

Document Version: A/1 (2024.4.15)

Production Department: Product Department

1、 Product Overview

1.1 Product Image



2、 Product Specifications and Parameters

2.1 Product Description

This series is designed for professional audio use and features a 2x2 dual-function analog mixer. Whether for FOH mixing, monitoring, or both, whether for live recording or studio recording, whether installed at a fixed location or used on tour, this mixer provides the perfect solution. Designed to the highest standards, this top-tier series guarantees high reliability and the best sound quality.

2.2 Functional Parameters

1. Equipped with 4 balanced microphone inputs and 8 line inputs (4 mono + 2 stereo inputs, 2 group outputs + 2 stereo buses, 3 groups of AUX auxiliary (including FX));
2. High-quality, low-noise microphone input;

3. Low-noise preamplifier with strong anti-interference ability;
4. 4-channel microphones provide high-quality separate +48V phantom power switch;
5. 4-channel IF sweep three-band equalization, the MF band range is from 140Hz to 3kHz;
6. Three groups of AUX auxiliary outputs can be selected as pre-fader and post-fader;
7. Built-in 18-mode DSP digital effects, 4 groups of buses;
8. The circuit board adopts double-sided SMT patch technology to make the performance stable and reliable;
9. 100MM stroke high-analysis fader;
10. MP3 player with USB computer sound card input, mobile phone Bluetooth connection, MP3 playback and recording functions ;
11. 4-bar 12-segment three-color LED level light column;
12. Durable and sturdy metal body with strong anti-interference ability;
13. Built-in noise reduction power supply, power supply voltage 2 0 0 -2 4 0V
14. Total Harmonic Distortion: <-0.005%
15. Frequency Response: 20Hz-20KHz+1dB /-3dB
16. Maximum output level: 18dBm (1 KHz, THD=0.5%)
17. S/N Ratio: -81 dB
18. Gain Control: Mono: -51dB~0dB
19. Stereo: -26dB~0dB
20. Residual output noise: <-83dBu
21. Crosstalk Crosstalk: <-79dBu
22. Earphone output power: 260mW (1KHz, THD=0.5%, 200Ω)
23. EQ: Low/LF: 80Hz±15dB
24. Middle/MF: 250Hz~6KHz±15dB
25. High/HF: 12KHz±15dB
26. Input & output impedance: MIC input: 2.4KΩ, Mono input: 11 KΩ, Stereo input: 100 KΩ
27. Output impedance: ≤75Ω
28. Power consumption: 35W

2.3 Dimensions

