

Mackie 824 Specs

Acoustic Specifications

Frequency Response 36 Hz to 22 kHz (-3 dB)

Sound Pressure Level +4 dBu into Balanced Input @ 3.3' / 1 m: 109 dB SPL @ 3.3' / 1 m

Maximum SPL Per Pair: 115 dB SPL @ 3.3' / 1 m

Transducers

Low Frequency Driver 8" (203 mm) Kevlar woofer

High Frequency Driver 1" (25 mm) black anodized aluminum tweeter

Amplifier Specifications

Power Low Frequency: 100 W
High Frequency: 60 W

Type Class D power amplifier

Crossover

Type Linkwitz-Riley, 24 dB/octave

Crossover Frequency 2.2 kHz

Equalization

Low Frequency EQ -3 dB @ 36 Hz
-3 dB @ 80 Hz

High Frequency EQ ± 2 dB @ 10 kHz, shelving

Acoustic Space Filter
Whole: Flat
Half: -2 dB @ 100 Hz
Quarter: -4 dB @ 100 Hz

Input

Input Impedance 20 kOhms balanced bridging
10 kOhms unbalanced

Input Type Balanced differential XLR and 1/4"
TRS (6.3 mm)

Input Protection RFI and level protected

Maximum Input Level +20 dBu

Power Requirements

AC Connector	3-pin IEC 250 VAC, 16 a male 100 to 120 VAC, 50 to 60 Hz, 150W 220 to 240 VAC, 50 to 60 Hz, 150 W
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Voltage Selector Switch	Yes
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Fuse	115 VAC: T 2.5 AL, 250 V 230 VAC: T 1.25 AL, 250V
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On/Off Control	Auto On/Off Standby Mode:
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Physical Dimensions

Enclosure	All-wood MDF construction and internal cabinet bracing
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Damping	Open cell adiabatic "foam fill" acoustic batting
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Finish	Black, wood grain vinyl and black paint
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Dimensions (H x W x D)	16.8 x 10.8 x 13.8" (427 x 274 x 351 mm)
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Weight	36.4 lb (15.7 kg)
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Packaging Info

Package Weight 22 lb

Box Dimensions (LxWxH) 19 x 14.5 x 13.5"
