

Mackie CR3-X Creative Reference Series 3" Multimedia Monitors (Pair, Green) Specs

Studio Monitor

Monitor Type	Active 2-Way
Enclosure	Bass-Reflex
Power Rating	50 W Peak
Drivers	LF Driver: 1 x 3" / 7.62 cm Polypropylene Cone HF Driver: 1 x 0.75" / 1.91 cm Silk Dome
Amplification	1 x Full-Range Amplifier: Class-D50 W Peak

Performance

Frequency Range	70 Hz to 20 kHz (at -10 dB) 80 Hz to 20 kHz (at -3 dB)
Maximum Sound Pressure Level (SPL)	97 dB
Phase Adjustment	<i>None</i>

Signal Processing

EQ	<i>None</i>
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Filters	<i>None</i>
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Parametric EQ	<i>None</i>
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Crossover

Crossover Frequency	3 kHz
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Connectivity

Audio I/O	2 x 1/4" TRS Balanced/Unbalanced Female Analog Input 1 x 2RCA Unbalanced Female Analog Input 1 x 1/8" / 3.5 mm TRS Unbalanced Female Analog Input 2 x Push Terminal Unbalanced Female Analog Output 1 x 1/8" / 3.5 mm TRS Unbalanced Female Analog Output
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Power

AC Input Power	100 to 240 VAC, 50/60 Hz
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Power Consumption	60 W
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Environmental

Operating Temperature 32 to 104°F / 0 to 40°C

General

Enclosure Material MDF

Mounting Points *None*

Dimensions (W x H x D) 5.5 x 8.1 x 7.1" / 14 x 20.6 x 18 cm (Each)

Weight 7.8 lb / 3.5 kg (Pair)

Packaging Info

Package Weight 9.38 lb

Box Dimensions (LxWxH) 15.6 x 10.3 x 8"

Mackie Big Knob Studio Monitor Controller And Interface Specs

Inputs 2 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line Inputs

2 x 1/4" TRS Balanced/Unbalanced Line Inputs
1 x 1/8" / 3.5 mm TRS Unbalanced Stereo Input

Outputs 2 x 1/4" TRS Balanced/Unbalanced 2-Track Line Outputs
4 x 1/4" TRS Balanced/Unbalanced Monitor Outputs
2 x 1/4" TRS Unbalanced Headphone Outputs

USB I/O 1 x USB 2.0 Type-B

Resolution 24-Bit / 192 kHz

Frequency Response 20 Hz to 20 kHz (± 0.5 dB, Unity Gain, +4 dBu Input)

Noise Mic Inputs to Outputs: < -125 dBu RMS, A-Weighted (150 ohms Terminated, 22 kHz Bandwidth)
Line Inputs to Outputs: < -90 dBu RMS, Unweighted (150 ohms Terminated, 22 kHz Bandwidth)

THD + N <0.01% Unweighted (Unity Gain, 1 kHz at +4 dBu Input, 80 kHz Bandwidth)

Crosstalk < -60 dB at 1 kHz (Unity Gain, -1 dBFS Input)

Attenuation Muted: -60 dB
Dim: -20 dB

Maximum Input Level +22 dBu

Maximum Output Level +22 dBu

Power Requirements 100 to 240 VAC, 50/60 Hz, 0.75 A via Universal Power Supply

Dimensions	6.4 x 9.9 x 3.2" / 16.3 x 25.1 x 8.1 cm
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Weight	3.5 lb / 1.6 kg
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Packaging Info

Package Weight	5.355 lb
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Box Dimensions (LxWxH)	13.45 x 8.8 x 5.65"
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Mackie EM-91C EleMent Series Large-Diaphragm Condenser Microphone Specs

Microphone

Form Factor	Stand/Boom Mount
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Sound Field	Mono
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Operating Principle	Pressure Gradient
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Capsule	1 x Condenser
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Polar Pattern	Cardioid
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Orientation	Side Address
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Circuitry	Solid-State
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Pad	<i>None</i>
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High-Pass Filter	<i>None</i>
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Tone Adjustment	<i>None</i>
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Indicators	<i>None</i>
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On-Board Controls	<i>None</i>
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Windscreen	Built-In
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Performance

Frequency Range	20 Hz to 18 kHz
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Maximum SPL	134 dB SPL (1 kHz, 1% THD)
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Impedance	150 Ohms \pm 30% at 1 kHz
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Sensitivity	-30 dBV/Pa at 1 kHz
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Signal-to-Noise Ratio	78 dB
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Equivalent Noise Level	16 dB A-Weighted
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Connectivity

Output Connectors (Analog)	1 x XLR 3-Pin Male (on Mic)
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Headphone Connector	<i>None</i>
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Number of Conductors	2
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Power

Operating Voltage	48 V
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Physical

Color	Black
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Mounting	Shockmount (with Included Hardware)
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Dimensions	∅: 1.9 x L: 6.1" / ∅: 4.83 x L: 15.49 cm
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Weight	0.46 lb / 0.21 kg
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Packaging Info

Package Weight	1.7 lb
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Box Dimensions (LxWxH)	13 x 10.5 x 5.7"
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Mackie EM-89D EleMent Series Dynamic Vocal Microphone Specs

Microphone

Form Factor	Handheld / Stand/Boom Mount
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Sound Field	Mono
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Operating Principle	Pressure Gradient
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Capsule	1 x Dynamic
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Polar Pattern	Cardioid
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Orientation	End Address
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Circuitry	Solid-State
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Pad	<i>None</i>
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High-Pass Filter	<i>None</i>
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Tone Adjustment	<i>None</i>
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Indicators	<i>None</i>
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On-Board Controls	<i>None</i>
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Windscreen

Built-In

Performance

Frequency Range

50 Hz to 16 kHz

Impedance

600 Ohms \pm 30% at 1 kHz

Sensitivity

-52 dBV/Pa at 1 kHz

Connectivity

Output Connectors (Analog)

1 x XLR 3-Pin Male (on Mic)

Headphone Connector

None

Number of Conductors

2

Power

Operating Voltage

Not Specified by Manufacturer

Physical

Color

Black

Mounting

Mic Clip/Stand Adapter (Included)

Dimensions

ø: 2 x L: 7.3" / ø: 5.08 x L: 18.54 cm

Weight

0.66 lb / 0.3 kg

Packaging Info

Package Weight

1.8 lb

Box Dimensions (LxWxH)

13 x 10.5 x 5.7"
