



Technical Specifications



TRUTH B2031A/B2030A

High-Resolution, Active 2-Way Reference Studio Monitor

EN TRUTH B2031A/B2030A**High-Resolution, Active 2-Way Reference Studio Monitor****B2030A**

- Built-in 125-Watt power amp with enormous power reserve
- Long-throw 6 ¾" woofer with special polypropylene diaphragm and deformation-resistant aluminum die-cast chassis

B2031A

- Built-in 265-Watt power amp with enormous power reserve
- Long-throw 8 ¾" woofer with special polypropylene diaphragm and deformation-resistant aluminum die-cast chassis
- Ultra-linear frequency response from 50 Hz to 21 kHz with individual frequency diagrams
- Ultra-high resolution ferrofluid-cooled tweeter
- Controlled dispersion characteristics and extremely large "sweet spot" owing to the unique BEHRINGER wave guide technology
- Active crossover network with 4th order Linkwitz-Riley filters
- Adjustable to a wide range of acoustic conditions and subwoofer operation
- Separately controlled limiter for low and high frequency overload protection
- Automatic standby mode (defeatable)
- Magnetic shielding allows placement near computer monitors
- Delivered as "matched pairs" with individual frequency diagrams
- Servo-balanced inputs with XLR and ¼" TRS connectors
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany
- Ultra-linear frequency range from 60 Hz to 23 kHz
- High power handling capability (100 W / IEC268-5) produces full-range output with extremely low distortion
- Phase-optimized and high-precision crossover for absolute phase linearity
- Auto overload protection prevents tweeter damage and resets automatically
- Powerful 5 ½" woofer with extremely light-weight cellulose cone and high-resolution ½" tweeter
- Solid protective grille and exceptionally rugged construction for long life and durability
- Conceived and designed by BEHRINGER Germany

Specifications

Audio Inputs

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XLR connector	servo-balanced input
¼" TRS	servo-balanced input
Input impedance	10 kΩ
Max. input level	+22 dBu

Components

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Tweeter	¾" ferrofluid-cooled dome
Woofers	6 ¾" polypropylene diaphragm

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Tweeter	1" ferrofluid-cooled dome
Woofers	8 ¾" polypropylene diaphragm

Amplifier

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RMS @ 0.1 % THD	70 W
Peak power	125 W

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RMS @ 0.1 % THD	140 W
Peak power	265 W

Crossover

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Type	active, 4th order Linkwitz-Riley
Crossover frequency	2 kHz

System Specification

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Frequency response	50 Hz to 21 kHz
Sound pressure level	max. 113 dB SPL @ 1 m (pair)

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Frequency response	50 Hz to 21 kHz
Sound pressure level	max. 116 dB SPL @ 1 m (pair)

Power Supply

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Voltage/Fuses

100 - 120 V~, 50/60 Hz	T 2.0 A H 250 V
220 - 230 V~, 50/60 Hz	T 1.6 A H 250 V

Voltage/Supply current

100 - 120 V~, 50/60 Hz	max. 1.0 A
220 - 230 V~, 50/60 Hz	max. 0.5 A

Mains connection	Standard IEC connector
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B2031A

Voltage/Fuses

100 - 120 V~, 50/60 Hz	T 5.0 A H 250 V
220 - 230 V~, 50/60 Hz	T 2.5 A H 250 V

Voltage/Supply current

100 - 120 V~, 50/60 Hz	max. 2.0 A
220 - 230 V~, 50/60 Hz	max. 1.1 A

Mains connection	Standard IEC connector
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Dimensions/Weight

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Dimensions (H x W x D)	12 ½ x 8 ⅝ x 8 ⅓" 317 x 214 x 211 mm
Weight	21 ⅓ lbs / 9.84 kg

B2031A

Dimensions (H x W x D)	15 ¾ x 9 ⅜ x 11 ⅜" 400 x 250 x 290 mm
Weight	33 lbs / 15 kg

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