



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BEHRINGER B3031A. You'll find the answers to all your questions on the BEHRINGER B3031A in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BEHRINGER B3031A
User guide BEHRINGER B3031A
Operating instructions BEHRINGER B3031A
Instructions for use BEHRINGER B3031A
Instruction manual BEHRINGER B3031A

B3030A/B3031A

2-Way Active Studio Monitors

- Ultra-linear frequency response with individual frequency diagrams
- Built-in 150 and 75 watt power amplifiers (75 and 35 watt for B3030A) with enormous power reserve
- Ultra-high resolution, 2" velocity ribbon transducer for ultimate sound reproduction
- Long-throw 8 1/2" woofer (6 1/4" for B3030A) with deformation-resistant Kevlar cone and aluminum die-cast chassis for ultimate bass response
- 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
- Magnetic shielding allows placement near computer monitors
- Delivered as "matched pairs" with individual frequency diagrams
- Servo-balanced inputs with XLR and 1/4" TRS connectors
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

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Loudspeakers

TRUTH — 2-Way Active Ribbon Studio Reference Monitor with Kevlar Woofer




B3030A B3031A

Honesty

When it comes to your studio recordings, you want honesty. In fact, considering how important your art is, you should demand it! That's why we designed the new B3030A and B3031A Reference Monitors to speak nothing but the TRUTH. Oh, they still sound great hooked up to your stereo or your video surround system, but they were really built with the studio in mind — where every note you play or sing is "under the microscope!"

Built on a Legacy

Our TRUTH B2030A and B2031A monitors have been so wildly successful that we've sold thousands upon thousands of them to some of the most critical ears on the planet. So, from the moment we started this project, we knew these new speakers would have to be something really special, and indeed they are!



Years of R'n'D

For the past two years our Research and Development team has been on a mission to create the "perfect" studio monitor. Since the TRUTH B2031A had already become the industry standard, our acoustic engineers decided to start there and see just how far they could push the envelope. They tried a variety of transducers and enclosure designs, along with existing and emerging technologies. When all the dust settled, they chose to deploy an ultra-high resolution, 2" velocity ribbon transducer and a long-throw, Kevlar-coned woofer in a deformation-resistant, die-cast aluminum chassis.

Why Kevlar?

We're glad you asked. Kevlar has an incredible strength-to-weight ratio — that's one reason it's used in bulletproof vests. Kevlar gives our LF transducer the strength to handle the extremely high energy levels required for distortion-free chest-pounding bass. And since they have such low mass, Kevlar speaker cones also

Continued on next page



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Manual abstract:

In fact, considering how important your art is, you should demand it! That's why we designed the new B3030A and B3031A Reference Monitors to speak nothing but the TRUTH. Oh, they still sound great hooked up to your stereo or your video surround system, but they were really built with the studio in mind -- where every note you play or sing is "under the microscope." Built on a Legacy Our TRUTH B2030A and B2031A monitors have been so wildly successful that we've sold thousands upon thousands of them to some of the most critical ears on the planet. @@@@When all the dust settled, they chose to deploy an ultra-high resolution, 2" velocity ribbon transducer and a long-throw, Kevlar-coned woofer in a deformation-resistant, die-cast aluminum chassis. Why Kevlar? We're glad you asked. Kevlar has an incredible strength-to-weight ratio -- that's one reason it's used in bulletproof vests. Kevlar gives our LF transducer the strength to handle the extremely high energy levels required for distortion-free, chestpounding bass. And since they have such low mass, Kevlar speaker cones also Continued on next page behringer.com B3030A/B3031A 2-Way Active Studio Monitors respond much more quickly than those made of paper, important for not only maintaining bass content integrity, but critical for midrange accuracy and definition. Our Kevlar transducers reproduce even the subtlest nuance of the low-frequency realm without muddying the midrange.

What's with the funny-looking tweeter? Ribbon tweeters bring a level of accuracy and sophistication to high-resolution studio monitors that was previously unattainable. They provide exceptionally wide horizontal dispersion (for a larger "sweet-spot"), while holding the vertical dispersion extremely tight. And since our ribbon transducer diaphragm is virtually weightless, it reacts instantaneously to changes in the high-frequency content. Now, not only do you hear the dulcet tones of a flute, you hear the breath flowing through it..

. You hear the wind chimes bouncing off each other... You can hear the fingernails on the nylon strings of a classical guitar.

.. @@@@It also takes power -- and lots of it! @@@@HF wave-guide. @@@@Placement is also critical.

@@@@@Hearing is Believing We could bore you to tears with all the technical jargon (if you really like Continued on next page Low Frequency switch for use with subs or to simulate smaller speakers. Power switch. Room Compensation switch adjusts bass when speakers are placed against walls or in corners. High Frequency switch adjusts treble content. Mute Low and Mute High switches (B3031A only, for service technician). IEC power socket.

Input accepts XLR and 1/4" TRS. Input Trim control sets volume level. Power Mode switch On/Off/ Auto (B3031A only) - Auto mode puts system in standby until signal detected. B3030A/B3031A 2-Way Active Studio Monitors SPECIFICATIONS B3030A/B3031A Audio Inputs XLR connector 1/4" TRS Input impedance Input Trim Max. input level TRANSDUCERS B3030A High-frequency driver Low-frequency driver B3031A High-frequency driver Low-frequency driver Page 4 of 4 that stuff, there's a special treat at the end), but hearing the TRUTH will make you a believer. From the "bulletproof" bass of its Kevlar woofer to the silky top-end of its ribbon transducer, we think you'll agree that nothing in this class outperforms the B3030A and B3031A monitors. Compare them to the competition and own BEHRINGER! High-frequency range B3030A RMS @ 0.1 % THD (sine wave) Peak power B3031A RMS @ 0.1 % THD (sine wave) Peak power CROSSOVER 2" ribbon 6 3/4" diameter Kevlar diaphragm B3030A/B3031A Type Crossover frequency SYSTEM SPECIFICATION 2" ribbon 8 3/4" diameter Kevlar diaphragm B3030A Frequency response Sound pressure level B3031A Frequency response Sound pressure level 50 W @ 4 75 W @ 4 POWER SUPPLY Voltage/Fuses 100 W @ 4 150 W @ 4 B3030A 100 - 120 V~, 50/60 Hz 220 - 230 V~, 50/60 Hz B3031A 100 - 120 V~, 50/60 Hz 220 - 230 V~, 50/60 Hz 25 W @ 6 35 W @ 6 Power consumption B3030A B3031A Mains connection B3030A/B3031A Dimensions/Weight B3030A Dimensions (HxWxD) Weight B3031A Dimensions (HxWxD) 50 Hz to 24 kHz max. 113 dB SPL @ 1 m (pair) T 5. 0 A H 250 V T 2.5 A H 250 V servo-balanced input servo-balanced input 10 k 6 dB to +6 dB +22 dBu max. 110 W max. 200 W 30 W @ 6 75 W @ 6 Standard IEC connector active, 4th order Linkwitz-Riley 3.6 kHz 12.

50 in x 8.40 in x 8.33 in 315 mm x 215 mm x 210 mm 22 lb / 10 kg AMPLIFIER OUTPUT POWER Low-frequency range B3030A RMS @ 0.1 % THD (sine wave) Peak power B3031A RMS @ 0.1 % THD (sine wave) Peak power 50 Hz to 24 kHz max.

116 dB SPL @ 1 m (pair) 15.75 in x 9.81 in x 11.38 in 400 mm x 250 mm x 290 mm Weight 33 lb / 15 kg BEHRINGER is constantly striving to maintain the highest professional standards. @@@@The information contained herein is correct at the time of printing. BEHRINGER accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. energyXT2, energyXTC and the energyXT logo are trademarks of XT Software AS incorporated in Norway, and are protected under the laws of Norway, and are being used under license by Behringer Holdings (Pte) Ltd and related companies. FOR INTERNAL USE BY BEHRINGER DEALERS ONLY. DO NOT DISTRIBUTE. 985-10000-00360 .



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