

# TRUTH B2030A/B2031A

## Technical Specifications

v03 2007-07

en



[www.behringer.com](http://www.behringer.com)



# TRUTH

### High-Resolution, Active 2-Way Reference Studio Monitor

- ▲ Ultra-linear frequency response from 50 Hz to 21 kHz with individual frequency diagrams
- ▲ Built-in 75- and 35-Watt (B2031A: 150- and 75-Watt) power amps with enormous power reserve
- ▲ Ultra high-resolution ferrofluid-cooled tweeter
- ▲ Long-throw 6 ¾" woofer (B2031A: 8 ¾") with special polypropylene diaphragm and deformation-resistant aluminum die-cast chassis
- ▲ 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, only B2031A)
- ▲ 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

B2030A/B2031A

---

Technical specifications and appearance are subject to change without notice. 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. Colors and specifications may vary slightly from product. Our Products are sold through authorized dealers only. Distributors and dealers are not agents of BEHRINGER and have absolutely no authority to bind BEHRINGER by any express or implied undertaking or representation. This manual is copyrighted. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of BEHRINGER International GmbH.

ALL RIGHTS RESERVED. (c) 2007 BEHRINGER International GmbH.  
BEHRINGER International GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Muenchheide II, Germany.  
Tel. +49 2154 9206 0, Fax +49 2154 9206 4903

---

**Specifications****Audio Inputs***B2030A/B2031A*

XLR connector	servo-balanced input
1/4" TRS	servo-balanced input
Input impedance	10 k $\Omega$
Max. input level	+22 dBu

**Components***B2030A*

Tweeter	3/4" ferrofluid-cooled dome
Woofers	6 3/4" polypropylene diaphragm

*B2031A*

Tweeter	1" ferrofluid-cooled dome
Woofers	8 3/4" polypropylene diaphragm

**Amplifier****Power Woofer***B2030A/B2031A*

RMS @ 0.1 % THD (sine wave)	80 W @ 4 $\Omega$
Peak power	320 W @ 4 $\Omega$

**Power Tweeter***B2030A*

RMS @ 0.1 % THD (sine wave)	20 W @ 6 $\Omega$
Peak power	80 W @ 6 $\Omega$

*B2031A*

RMS @ 0.1 % THD (sine wave)	25 W @ 4 $\Omega$
Peak power	100 W @ 4 $\Omega$

**Crossover***B2030A/B2031A*

Type	active, 4 <sup>th</sup> order Linkwitz-Riley
Crossover frequency	2 kHz

**System Specification***B2030A*

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

*B2031A*

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

**Power Supply****Fuses/Voltage***B2030A*

<b>T 2.0 A H</b> 250 V	(100 V~, 50 - 60 Hz)
<b>T 2.0 A H</b> 250 V	(120 V~, 60 Hz)
<b>T 1.6 A H</b> 250 V	(220 V~, 50/60 Hz)
<b>T 1.6 A H</b> 250 V	(230 V~, 50 Hz)

*B2031A*

<b>T 5.0 A H</b> 250 V	(100 V~, 50 - 60 Hz)
<b>T 5.0 A H</b> 250 V	(120 V~, 60 Hz)
<b>T 2.5 A H</b> 250 V	(220 V~, 50/60 Hz)
<b>T 2.5 A H</b> 250 V	(230 V~, 50 Hz)

**Power consumption**

B2030A	max. 110 Watts
B2031A	max. 200 Watts

**Mains connection**

B2030A/B2031A	Standard IEC connector
---------------	------------------------

**Dimensions/Weight***B2030A*

Dimensions (HxWxD)	317 x 214 x 211 mm 12 1/2" x 8 2/5" x 8 1/3"
Weight	21 2/3 lbs (9.84 kg)

*B2031A*

Dimensions (HxWxD)	400 x 250 x 290 mm 15 3/4" x 9 13/16" x 11 3/8"
Weight	33 lbs (15 kg)

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.