

B2031A

TRUTH

Technical Specifications

Version 1.0 August 2003

ENGLISH



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 150- and 75-Watt power amps with enormous power reserve
- ▲ Ultra high-resolution ferrofluid-cooled tweeter
- ▲ Long-throw 8 3/4" woofer 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)
- ▲ Magnetic shielding allows placement near computer monitors
- ▲ Delivered as "matched pairs" with individual frequency diagrams
- ▲ Low-vibration and environment-friendly E1 MDF cabinet
- ▲ Servo-balanced inputs with XLR and 1/4" TRS connectors
- ▲ Designed in Germany. Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

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

COMPONENTS

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

AMPLIFIERS

Low frequency	max. 150 Watts
High frequency	max. 75 Watts
Noise	<10 dBA @ 1 m (each)

CROSSOVER

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

SYSTEM SPECIFICATIONS

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

POWER SUPPLY

Voltage	USA/Canada 120 V~, 60 Hz Europe/U.K./Australia 230 V~, 50 Hz Japan 100 V~, 50 - 60 Hz General export model 120/230 V~, 50 - 60 Hz
Power consumption	1.1 A, standby 120 mA
Fuse	100 - 120 V~: T 5 A H 250 V 200 - 240 V~: T 2.5 A H 250 V
Mains connection	Standard IEC connector

DIMENSIONS/WEIGHT

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

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.

The information contained in this manual is subject to change without notice. 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 Spezielle Studioteknik GmbH.

BEHRINGER is a registered trademark.

ALL RIGHTS RESERVED.

© 2003 BEHRINGER Spezielle Studioteknik GmbH.

BEHRINGER Spezielle Studioteknik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany
Tel. +49 2154 9206 0, Fax +49 2154 9206 4903