

B2031

TRUTH

Technical Specifications

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ENGLISH



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TRUTH

Matched Pair High-Resolution Reference Studio Monitors

- ▲ 2-way active high-resolution studio monitor
- ▲ Ultra-linear frequency response from 50 Hz to 21 kHz
- ▲ Two built-in high power amps with 150/75 Watts and enormous power reserves
- ▲ Extremely high-resolution tweeter with ferrofluid-cooled titanium dome
- ▲ Long-throw 8 3/4" woofer with special polycarbonate diaphragm and sturdy cast aluminum chassis
- ▲ Controlled dispersion pattern through phase-optimized wave guide system
- ▲ Extremely large "sweet spot" through vertically/horizontally balanced dispersion characteristics
- ▲ Active frequency crossover with 4th order Linkwitz-Riley filters
- ▲ Flexible adaptation to room acoustics, incl. subwoofer operation
- ▲ Overload protection through separately controlled limiter for low- and high-frequency ranges
- ▲ Automatic standby switching
- ▲ Electromagnetic shielding for minimum interference
- ▲ Delivery of "matched pairs". Measurement protocol included
- ▲ Low-vibration E1 MDF cabinet
- ▲ Servo-balanced inputs on XLR and TRS connectors
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

Audio inputs

XLR	servo-balanced input
1/4" jack	servo-balanced input
Impedance	20 kOhms
Max. input level	+22 dBu

Loudspeaker

Tweeter	25 mm ferrofluid-cooled dome
Woofers	22 cm (8 3/4") polycarbonate diaphragm

Amplifiers

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

Crossover

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

System specifications

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

Power supply

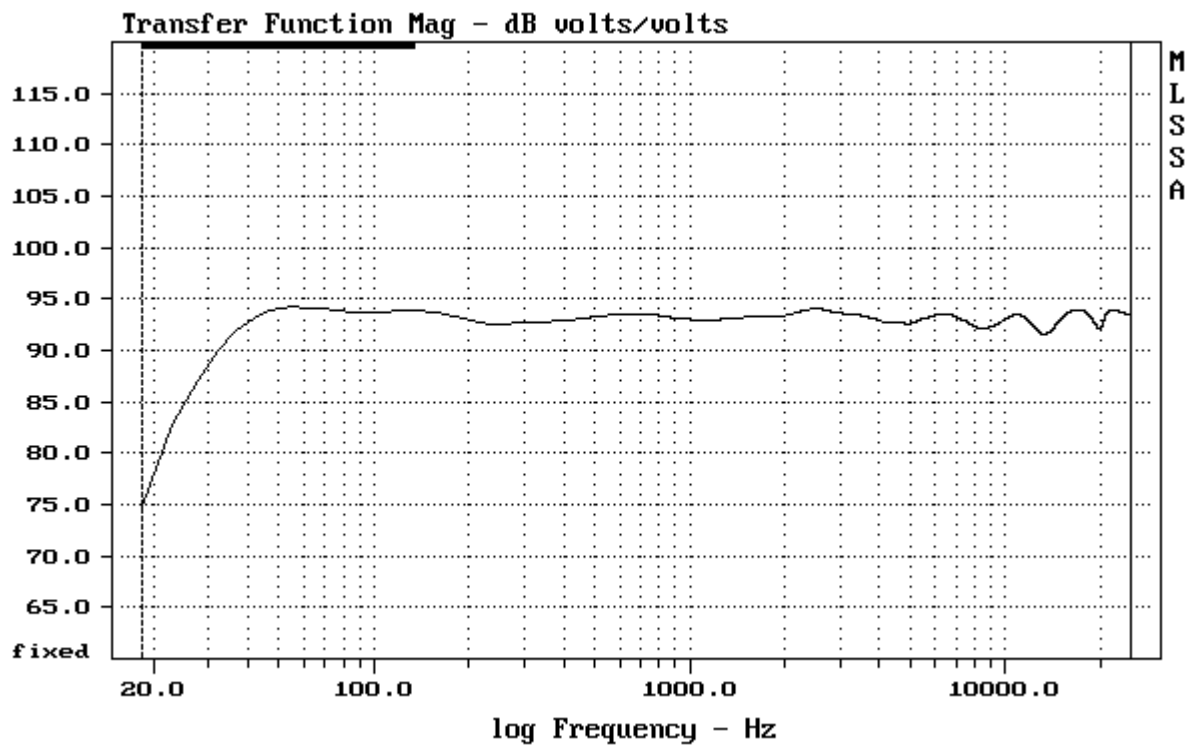
Mains voltages	U.S.A./Canada	120 V ~, 60 Hz
	U.K./Australia	240 V ~, 50 Hz
	Europe	230 V ~, 50 Hz
	General export model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Fuse	100 - 120 V ~ :	T 5.0 A H
	200 - 240 V ~ :	T 2.5 A H
Power consumption	210 watts, standby 27 watts	
Mains connection	standard IEC receptacle	

Physical

Dimensions (H x W x D)	15 3/4" (400 mm) x 9 13/16" (250 mm) x 11 3/8" (290 mm)
Net weight	approx. 15 kg (each)

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FREQUENCY RESPONSE



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BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany

Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30