

User Manual

MS-4R
4000 W



Zero-Ohm Systems
Transforming the laws of sound





MS-4R
4000 W

User Manual - Specifications

ZERO-OHM System is a passive device that interconnects between any amplifier and multiple loudspeakers without the concerns of amplifier speaker loads, impedance and extremely long cable runs.

This Patented Design **eliminates** the need for 70V-100V transformer products.

Multiple loudspeakers can be wired in a parallel connection to impedances below one (1) Ohm.



Features

- Zero (0) Ohm functionality
- No Transformers required
- Multiple loudspeakers can be connected in parallel
- Any Speaker impedance can be used: 2/4/8/16 Ohm
- Uniform power distribution over long distance cable runs
- Full range frequency response
- Identical Output Phase relationship with all Power Amplifiers

Applications

- Amusement Parks • Shopping Malls • Hotels • Airports •
- Amusement Parks • Stadiums •
- Cinemas • Banquet Halls • Cruise Ships • Outdoor Malls • Hospitals
- Restaurants • Warehouses •
- Universities • Water Parks • Bars
- and more.



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Acoustic Performance

Frequency Response: 20Hz - 20kHz

Frequency Range: 20Hz - 20kHz

Total Harmonic Distortion: Reference chart below

Audio

Input / Output Connector: Neutrik NL4

Input Pin-Out: Pin 2+, Pin 2 -

Output Pin-Out: Pin 1+, Pin 1-

Minimum Output Impedance: 0.1 Ohms

Max. Power Handling: 4000W

Physical Properties

Height: 65.1mm

Width: 438.1 mm / 479.4mm with Rack Ears

Depth: 149.2 mm

Weight: 3.2 kg

Shipping Weight: 4kg (Including Packaging)

Order Information

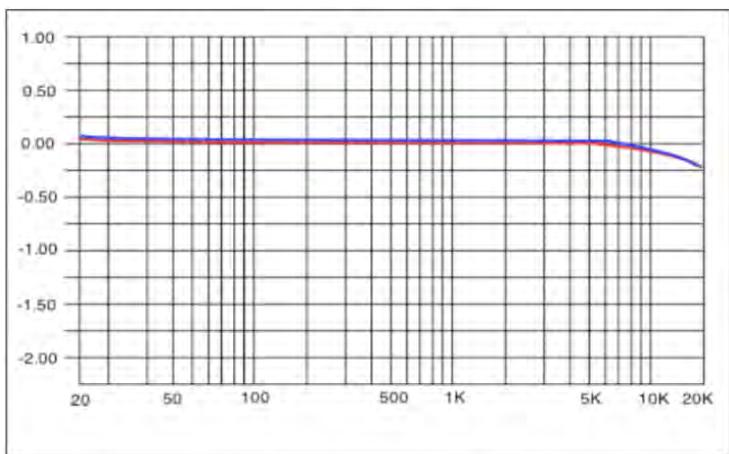
MS-4R Two Channel Rackmount System P/N: MS-4R

Country of Origin

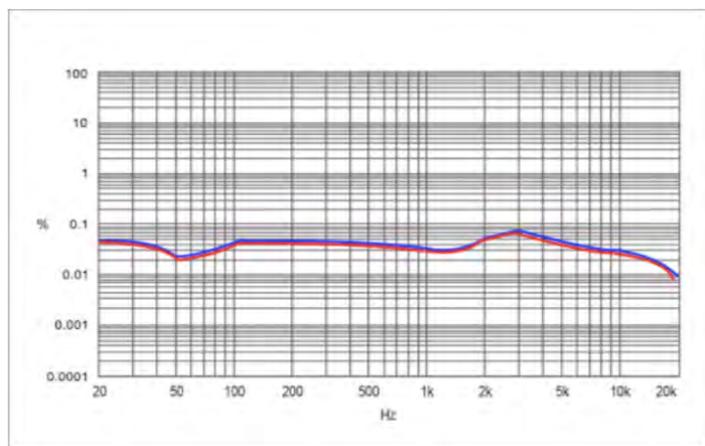
Made in Canada

Since we are always striving to make our products better by incorporating new and improved materials, components and manufacturing methods, we reserve the right to change these specifications at any time without notice.

Frequency Response: 100W RMS at 8 Ohms



THD + N vs Frequency: 20W RMS at Complex Load



Blue Line: Typical Amplifier

Red Line: Typical Amplifier thru Zero-Ohm System

Email: info@zohms.com

www.zohms.com



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Back Panel SpeakON™ Connectors



Acoustic Performance

- ◆ Output B / Pin 1+, Pin 1- / Zone 1 & 2 (to Loudspeakers)
- Input A,B / Pin +2, Pin 2- (from Amplifier)
- ◆ Output A / Pin 1+, Pin 1- / Zone 1 & 2 (to Loudspeakers)

Setup and Configuration (Example)

