



User Manual Specifications

MS-4R/SW

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

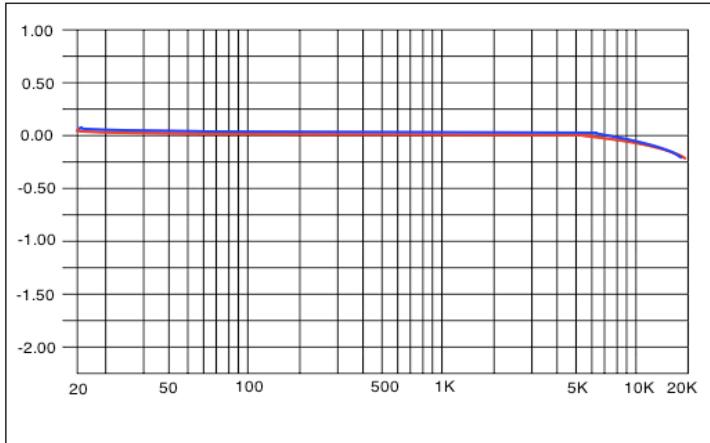
APPLICATIONS:

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

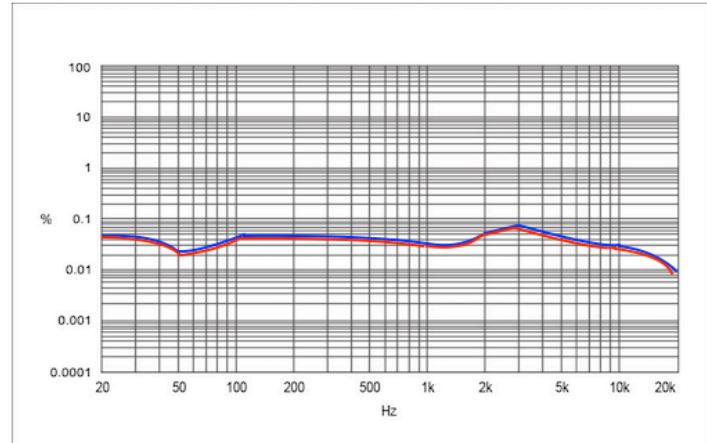


MS-4R/SW

Frequency Response: 100W RMS @ 8 Ohms



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



Blue Line: Typical Amplifier

Red Line: Typical Amplifier thru Zero-Ohm System

Acoustic Performance

Frequency Response:	20Hz - 20 kHz
Frequency Range:	20Hz - 20 kHz
Total Harmonic Distortion:	<i>Reference Chart above</i>

Audio

Input / Output Connector:	Neutrik NL4
Front Panel Switches:	Zone On/Off
Input Pin-Out:	Pin 2+, Pin 2 -
Output Pin-Out:	Pin 1+, Pin 1 -
Minimum Output Impedance:	0.1 Ohms
Max. Power Handling:	4000W Peak

Physical Properties

Height:	65.1 mm
Width:	438.1 mm / 479.4mm with Rack Ears
Depth:	149.2 mm
Weight:	3.2 kg
Shipping Weight:	4 kg (Including Packaging)

Ordering Information

MS-4R/SW Two channel rackmount system with switches
P/N: **MS-4R/SW**

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.

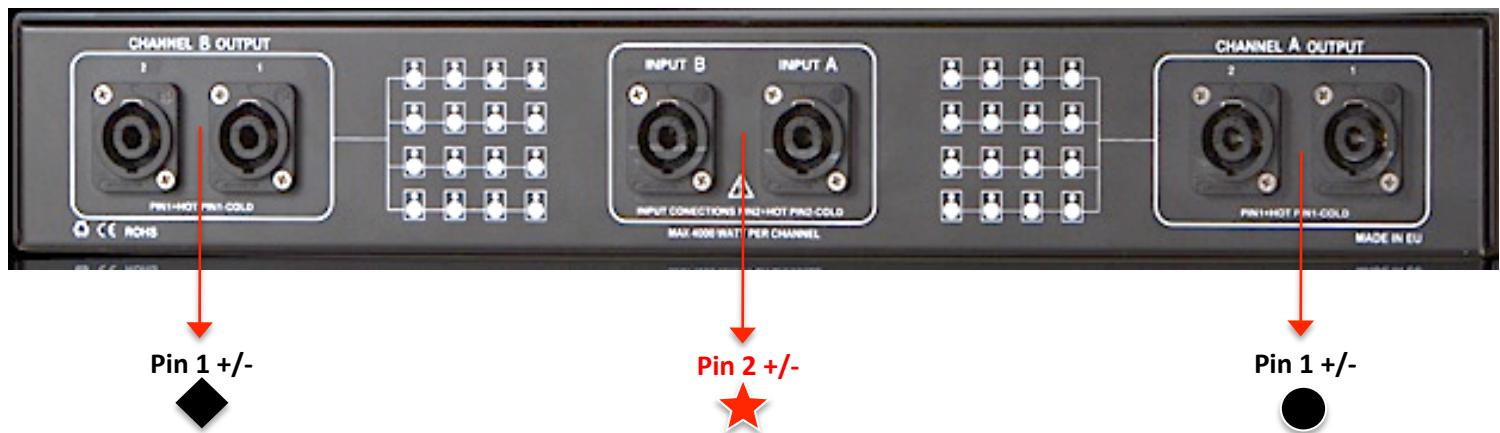
Front Panel Switches



On/Off Switch for Channel "B"
Output Zone 1-2

On/Off Switch for Channel "A"
Output Zone 1-2

Back Panel SpeakON™ Connectors



Pin 1 +/-
◆

Pin 2 +/-
★

Pin 1 +/-
●

Input / Output NL4 SpeakON™ Connections

- ◆ **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)

