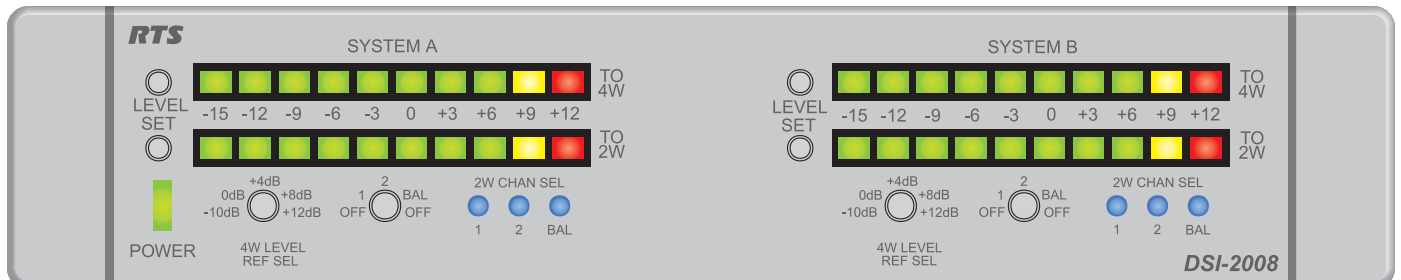


DSI-2008

Digital System Interface/System-to-System Adapter

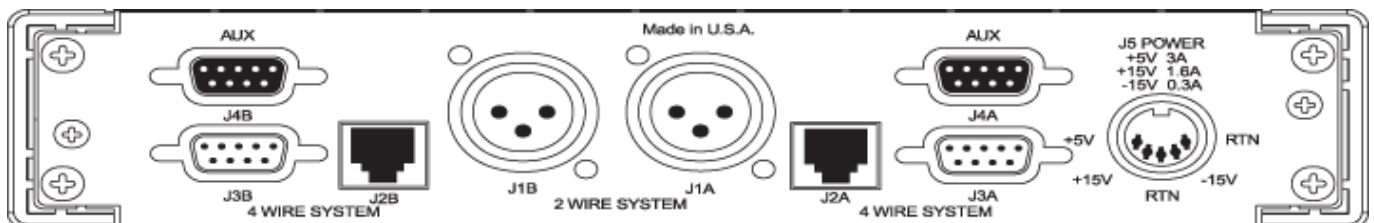
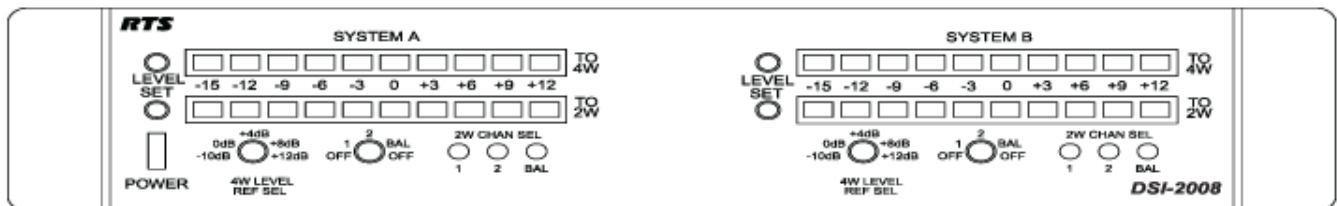


The DSI-2008 dual digital hybrid interfaces two (2) 2-wire intercom lines to two (2) 4-wire lines, and also interfaces balanced and unbalanced 2-wire lines. The DSI-2008 is ideal for systems with varying loads. (Amount of user stations often vary for different configurations.) Unlike earlier analog hybrids, the DSI-2008 features advanced **DSP** (Digital Signal Processing) to achieve automatic nulling of the 2-wire lines. In addition, each hybrid features convenient peak-reading level meters to quickly match the levels between the lines that are being interfaced. The result is easy and accurate setup. With the DSI-2008, all need for test tones; nulling adjustments and ducking adjustments have been eliminated. In addition, there is a call light option board available for compatibility with RTS 2-wire intercom and RTS Audiocom systems.

Features

- Two (2) independent hybrids
- Automatic nulling
- Peak reading level meters
- Direct ADAM/Zeus audio connection
- Transformer isolated
- Call signal option
- Half-Rack wide, one (1) **RU** (Rack Unit) high
- Universal power pack

Line Drawing



Specifications

2-wire Ports

Input/Output Impedance: 5,000 Ω , nominal

Operating Level: -10dBu to 0 dBu, nominal

Level Adjustment Range: \pm 12dB

4-wire Ports

Input Impedance: 10,000 Ω , nominal

Output Impedance: 200 Ω

Operating Level: -10dBu, 0 dBu, +4dBu, +8dBu, +12dBu

System to System

Frequency Response: 200Hz to 5kHz, \pm 3dB

Signal-to-Noise Ratio (Ref 1kHz, 0 dB @ 2-wire): -70dB nominal

Crosstalk: -80dB nominal

Environmental

Operating Temperature: 0°C to 50°C (32°F to 122°F)

Storage Temperature: -40°C to 85°C (-40°F to 185°F)

Humidity: 0 to 95%, non-condensing

Power

100 to 250VAC, 50/60Hz, 18 Watts

Dimensions

1 $\frac{3}{4}$ " (4.5cm) H, 8" (20.8cm) W, 8 $\frac{1}{4}$ " (20.96cm) D

Weight

2.9lbs (1.32kg)

Finish

Thermoplastic front panel, aluminum case, light gray finish

Nulling:

Automatic

Order Information

DSI 2008 • DSI 2008 • Digital System Interface/System-to-System Adapter

DSI 2008-CALL • DSI 2008 • Digital System Interface/System-to-System Adapter with Call Light Option

The specification information is preliminary and is subject to change without notification.
Brand names mentioned are the property of their respective companies.

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Form Number: F.01U.247.089 Rev 03
Date: January 2013

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