

DSI-2008

Digital Interface/System-to-System Interface

The DSI-2008 Dual Digital Hybrid interfaces two two-wire intercom lines to two four-wire lines. Unlike earlier analog hybrids, the DSI-2008 features advanced digital signal processing to achieve automatic nulling of the two-wire lines. Plus, 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.

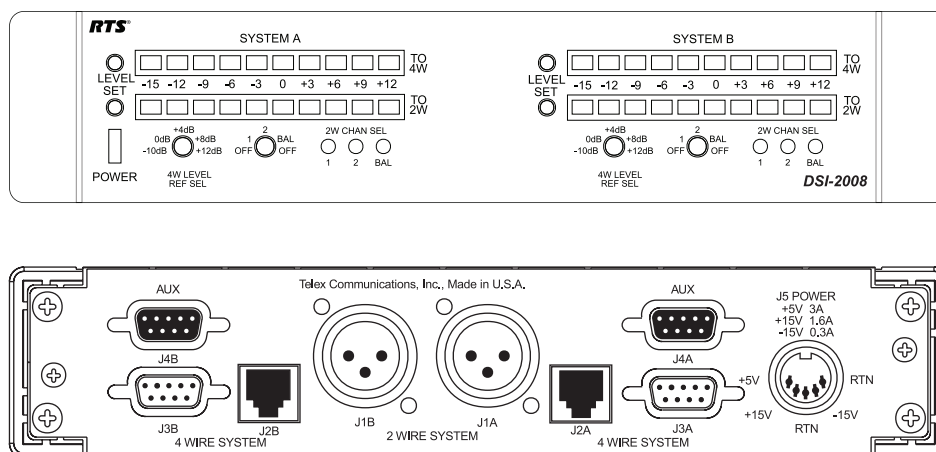
Compatible two-wire intercom systems include RTS® Two-Wire Intercom, Telex® Audiocom®, and Clear-Com®. Compatible with four-wire intercom systems. An internal call signal option board is also available for the DSI-2008. This option board provides call signal compatibility with any of the two-wire systems listed above. The output can also be directly connected to an ADAM, ADAM-CS, Cronus®, or Zeus GPI port. No external circuitry is required. With features like digital signal processing, peak-reading level meters and optional call signal interfacing, the DSI-2008 Dual Digital Hybrid assures ease of setup and maximum transparency between intercom systems.

Features

Two Independent Hybrids
Automatic Nulling
Peak Reading Level Meters
Direct ADAM/ZEUS Audio Connection

Transformer Isolated
Call Signal Option
Half-Rack Wide, 1 RU High
Universal Power Pack

Line Drawing



DSI-2008 Specifications

2-Wire Ports

Input/Output Impedance: 5,000 Ω , nominal

Operating Level: -10dBu to 0dBu, nominal

Level Adjustment Range: \pm 12dB

4-Wire Ports

Input Impedance: 10,000 Ω , nominal

Output Impedance: 200 Ω

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

System to System

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

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

Crosstalk: -80dB nominal

Environmental

Operating Temperature: -20°C to 50°C (-4°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 250 VAC, 50/60 Hz, 18 Watts

Dimensions

1.72" (44mm) high, 8.19" (208mm) wide, 8.0" (204mm) deep

Weight

5.0 lbs. (2.3kg)

Finish

Thermoplastic front panel, aluminum case, light gray finish

Nulling:

Automatic

Contact Information

Telex Communications, Inc.
12000 Portland Avenue South
Burnsville, Minnesota 55337
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Form Number: LIT000223000 Rev A

Date: January 2008

Ordering Information

DSI-2008

Digital Interface/System-to-System Adapter

Catalog Number: 90007870000

DSI-2008#U

Digital Interface/System-to-System Adapter with Call

Light Option

Catalog Number: 90007870001

This specifications information is preliminary and is subject to change without notification.

Brand names mentioned are the property of their respective companies.