

Innovative Industrial Solutions



I.I.S.

Telex SSA-424 Analog System-to-System Adapter



The SSA-424A Dual Digital Hybrid interfaces two Two-Wire intercom lines to two Four-Wire lines. Unlike earlier analog hybrids, the SSA-424A 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 SSA-424A, all need for test tones, nulling adjustments and ducking adjustments have been eliminated.

Compatible Two-Wire intercom systems include RTS® TW, Audiocom®, and Clear-Com. Compatible with Four-Wire intercom systems. An internal call signal option board is also available for the SSA-424A. 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 SSA-424A Dual Digital Hybrid assures ease of setup and maximum transparency between intercom systems.

- 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

Innovative Industrial Solutions, Inc.

2830 Skyline Drive Russellville, AR 72802

Phone (479) 968-4266

Fax (479) 890-9072

www.i-i-s.net

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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 $^{\circ}$ C to 50 $^{\circ}$ C (-4 $^{\circ}$ F to 122 $^{\circ}$ F)

Storage Temperature: -40 $^{\circ}$ C to 85 $^{\circ}$ C (-40 $^{\circ}$ F to 185 $^{\circ}$ 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

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