

IN6901 RS-232 to 6 Relay Converter



The **IN6901** RS-232 to relay converter accepts serial commands from any RS-232 source. After receiving a single command, the **IN6901** opens, closes, toggles, or pulses the appropriate relays, providing contact closures which may be used to control **IN3500 Series** switchers and any other devices requiring dry contact closures for remote control.

Add Serial Control to IN3500 Series Switchers - The **IN6901** is ideal for adding RS-232 remote control functionality to **INLINE 3500 Series** switchers including the **IN3502 / IN3504 / IN3506** RGBS switchers, **IN3554 / IN3556** RGBHV Switchers, **IN3562 / IN3564 / IN3566** VGA switchers, and **IN3572 / IN3574 / IN3576** MAC II switchers.

6 Independent Relays - Since the **IN6901** has multiple relays, it can control up to six individual devices. The unit can also control multiple switchers. For instance, a single **IN6901** could control two **IN3500 Series** 2-Input switchers and one 4-Input switcher.

Serial Control For A Variety of Equipment - The **IN6901** makes it easy to control many types of equipment requiring latching or momentary contact closures. Switchers, motorized screens, drapes, tape decks, lighting, special effects and projector lifts can be controlled by RS-232 serial commands. Common sources of serial commands are computers and third-party control systems. On PCs, the RS-232 serial ports are usually listed as COM1 or COM2.

Simple RS-232 Code Structure - The **IN6901** employs simple command codes with a flexible command structure which minimizes programming tasks. Using a single serial string, the state of one relay, several relays or all relays may be changed. The serial communications protocol for controlling the **IN6901** follows:

- RS-232 Standard
- ASCII code commands
- 1200 Baud
- 8 Bits
- No Parity
- 1 Stop Bit

INLINE®

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FEATURES

- Converts RS-232 Serial Commands to Contact Closures
- Allows **IN3500 Series** Switchers to be Controlled by Serial Control Signals from a Control System or a Computer Serial Port
- Permits Serial Control of Drapes, Screens, Motorized Lifts, Fans, Special Effects Devices and other Devices Controlled by Momentary or Latching Contact Closure
- RS-232 Commands Permit the Following Operations:
 - Open Relay(s)
 - Close Relay(s)
 - Toggle Relay(s)
 - Pulse Relay(s) - Momentarily Open or Close Relay for Devices Requiring Momentary Contact Closure

SPECIFICATIONS

INPUT:

Connector: 9-pin D male
Control: 1200 baud, N, 8, 1

OUTPUT:

Connector: 9-Pin D female
Relay: 6 Relays, 1 common for all relays
Maximum Load: 1 Amp @ 30 V

GENERAL:

Power Supply: 9 VDC, 500 mA external adapter included
Shipping Weight: 2 lbs. / 1 Kg
Product Weight: 1 lb. / .5 Kg
Dimensions: .9" x 3.5" x 2.8" / 2.3cm x 8.2cm x 7.2cm
Included Accessory: **IN9204** External DC Power Supply
Other Model: **IN6902** - Similar to **IN6901** except with 17 relays
Regulatory Approvals: UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN0950-92

