



I. Driver Features

1. Command Format

This device is controlled through a combination of RS-232 and IR commands; both are necessary for full control of the device.

2. RS-232 Commands IR Commands

Power On	Menu	Zoom Up	P in P
Power Off	Adj Up	Zoom Down	Magnify Up
Volume (absolute)	Adj Down	Focus Up	Magnify Down
Source: Video 1	Adj Left	Focus Down	Magnify Off
Source: RGB 1	Adjust Right	Timer	Mute
Source: RGB 2	Reset	Freeze	Blank

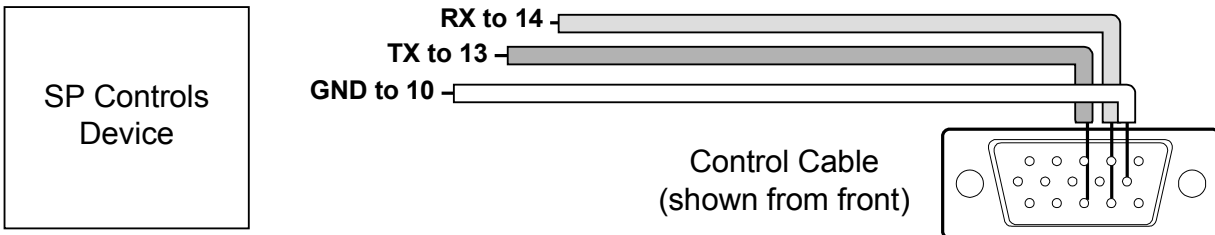
3. Other Driver Features

Default Power Status Feedback: RS-232 Power Polling
Projector Restart Lockout Timer (Default): 80 Seconds

II. RS-232 Control Wiring

For IR wiring, see product manual for the SP Controls device.

Wire RS-232 control to a female HD15 as follows:



Connect female HD15 to projector port labeled *CONTROL*.
Serial Adapters (for NRC only): B, C, and D

III. Projector Configuration

Baud Rate: The Hitachi projector may be configured via the onscreen menus to accept RS-232 control over a range of speeds. This driver is configured for 9600bps. Verify that the projector is set to 9600bps in the onscreen *OPT. (OPTIONS)* Menu: *COM. SPEED* setting. If not, set the projector to 9600.

Data Word: This driver is configured to use 8 data bits, no parity bit, and one stop bit (**8N1**). Verify that the projector is set to 8N1 in the onscreen *OPT. (OPTIONS)* Menu: *COM. BITS* setting. If not, set the projector to 8N1.