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
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Power On | Menu
Power Off | Adj Up
Volume (absolute) | Zoom Up
Source: Video | Adj Down
Source: RGB 1 | Focus Up
Source: RGB 2 | Adj Left
| | Focus Down
| | Adj Right
| | Timer
| | Reset
| | Freeze

3. Other Driver Features

*Default Power Status Feedback*: None
*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 male HD15 as follows:

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

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 assumes control will take place at 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**: The Hitachi projector may be configured via the onscreen menus to accept RS-232 control over a range of data word settings. This Driver assumes control will take place with 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**.

**Note**: On-screen menus can not be summoned if no source is detected on the currently selected input. This is a Hitachi behavior not related to external control.