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

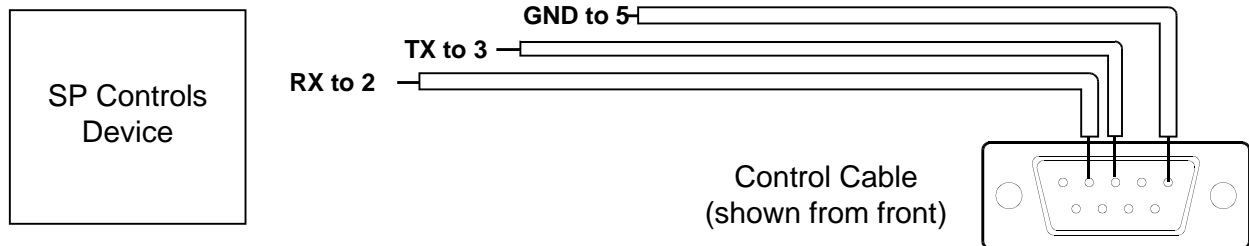| Power On	Source: Video	Menu	Auto Setup
Power Off	Source: S-Video	Adj Up	Freeze
Volume (level)	Source: RGB 1	Adj Down	Standard
	Source: RGB 2	Adj Left	Index
		Adj Right	Digital Zoom Up
		Enter	Digital Zoom Down
			Shutter

3. Other Driver Features

Default Power Status Feedback: RS-232 Polling
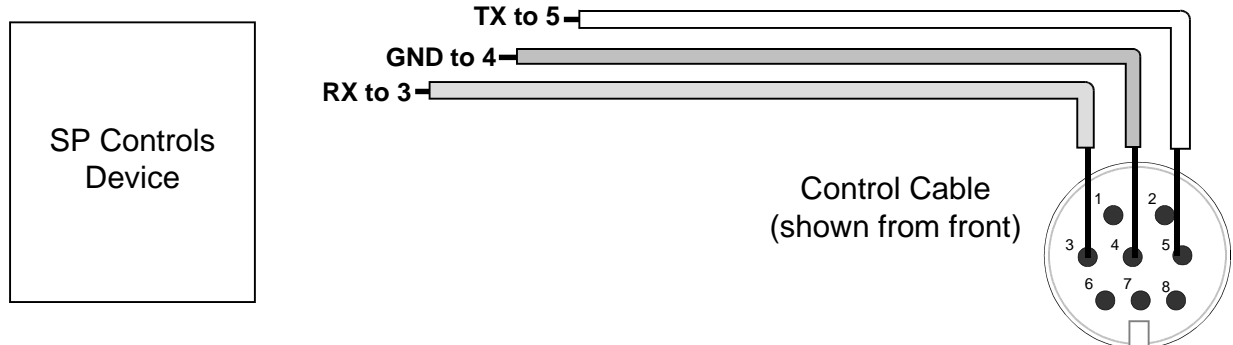*Projector Restart Lockout Timer (Default)*:   90 Seconds

II. RS-232 Control Wiring

Control of this projector with a DB9 requires use of the Panasonic serial adapter cable *ET-ADSER* (sold separately). If you have the adapter cable, wire the control cable to a male DB-9 cable as follows:

Connect male DB9 to adapter cable, and then connect to the projector port labeled *Serial*.
Serial Adapters (for NRC only): A and B

Alternate Wiring: If you do not have the optional Panasonic adapter cable, terminate the SP Controls control cable directly on a male 8-pin mini-DIN as follows:

Connect the male mini-DIN to the projector port labeled *Serial*.

III. Projector Configuration

If you wish to use RGB2 as an input, it must be configured for INPUT in the Panasonic on-screen menu. Scroll down to the OPTIONS1 sub-menu and verify that *RGB2 SELECT* is set to *INPUT*.