



## I. Driver Features

### 1. Command Format

This device is controlled through RS-232.

### 2. RS-232 Commands

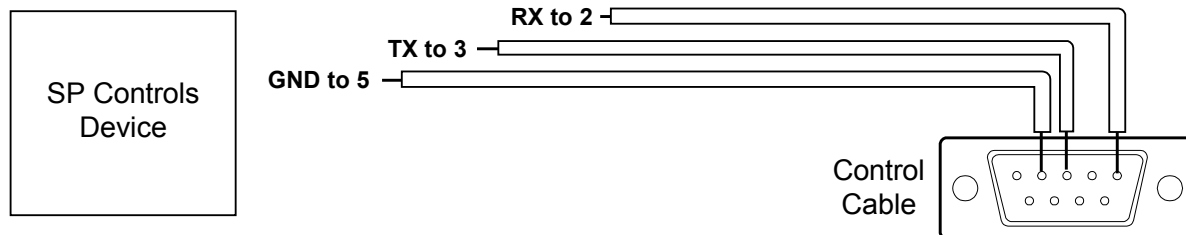
Power On	Source: Video	Menu On	Audio Mute On
Power Off	Source: Video 2	Menu Off	Audio Mute Off
Volume Up	Source: Computer 1	Adj Up	Video Mute On
Volume Down	Source: Computer 2	Adj Down	Video Mute Off
		Adj Left	Freeze On
		Adj Right	Freeze Off
		Enter	Digital Zoom Up
		Auto Image	Digital Zoom Down

### 3. Other Driver Features

*Default Power Status Feedback:* RS-232 Polling  
*Projector Restart Lockout Timer (Default):* 103 Seconds

## II. RS-232 Control Wiring

Wire RS-232 control to a male DB9 as follows:



Connect male DB9 to the projector port labeled *Serial Port*.  
*Serial Adapters* (for NRC only): A and B

## III. Projector Configuration

**DISABLING POWER MANAGEMENT (AUTO SHUT-OFF):** SP Controls recommends deactivating the *POWER MANAGEMENT* function which will cause the projector to power off in 5 minutes if an input signal is not detected. Select the *SETTING* pull-down menu and scroll down to *POWER MANAGEMENT* and press *SELECT* to toggle it to off.

**POWER POLLING ISSUES:** It is possible that under very unusual conditions power polling could fail. Specifically, if the projector is experiencing a temperature abnormality such as overheating it may shut itself off, while the control system power status would not reflect this change.

Projector power verification can be alternately provided with a third-party current sensor. This will ensure 100% accuracy in power polling for all possible projector states.