



## 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

RS-232 Commands			IR Commands	
Power On	Adj Up	Zoom Up	Digital Zoom Up	Menu (toggle)
Power Off	Adj Down	Zoom Down	Digital Zoom Down	
Volume Up	Adj Left	Focus Up	Keystone Up	
Volume Down	Adj Right	Focus Down	Keystone Down	
Source: Video	Select	Audio Mute On	Freeze On	
Source: Computer Analog	Auto PC	Audio Mute Off	Freeze Off	
Source: Computer Digital	Normal	Video Mute On		
Source: MCI		Video Mute Off		

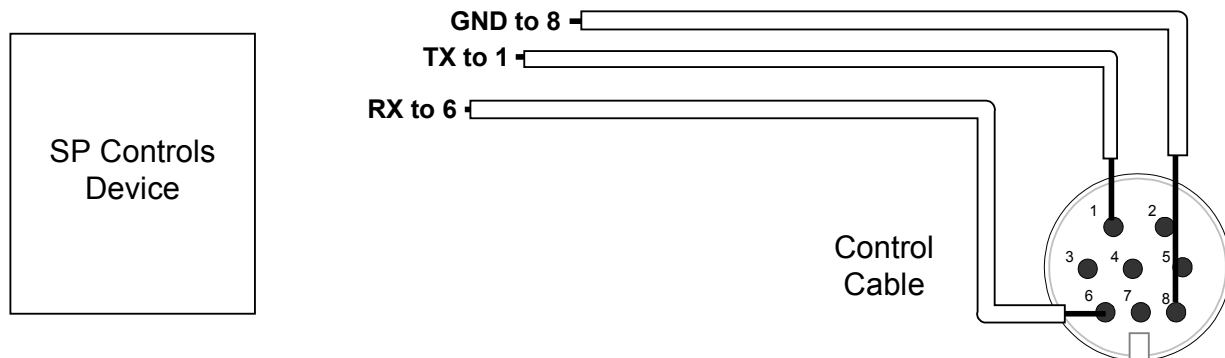
### 3. Other Driver Features

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

## II. RS-232 Control Wiring

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

Wire the control cable to a male 8-pin mini-DIN as follows:



Connect male mini-DIN to Eiki port labeled *Control Port*.

## III. Projector Information

Under unusual conditions power polling may 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.

SP Controls recommends deactivating the POWER MANAGEMENT function, which causes 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 change the selection to OFF.