



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

Power On	Source: Video	Menu	Hide
Power Off	Source: S-Video	Up	Back
Volume (absolute)	Source: VGA1	Down	Enter
Mute On	Source: VGA2	Left	
Mute Off	Source: RGBHV	Right	
Disable Auto Image	Source: M1 graphics		

IR Commands

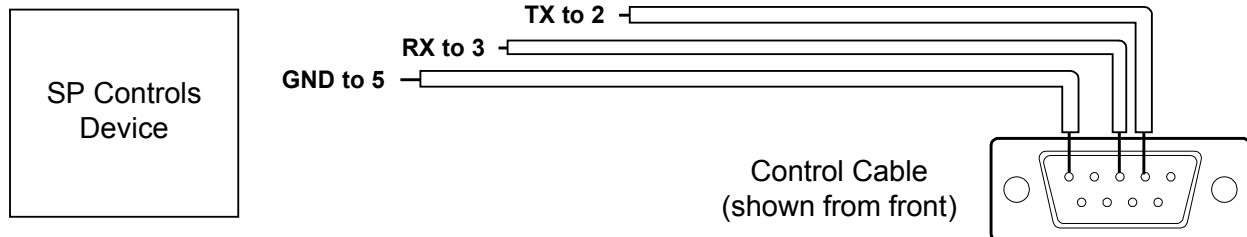
3. Other Driver Features

Default Power Status Feedback: RS-232 Polling
Projector Restart Lockout Timer (Default): 130 Seconds

II. RS-232 Control Wiring

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

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



Connect female DB9 to projector port labeled IO/OIO.
Serial Adapters (for NRC only): None

III. Projector Configuration

Firmware Note: Projectors manufactured prior to November 2003 **must have their firmware upgraded** to v.2.0 or greater. Please contact SP Controls for information on how to upgrade the XP8010 or go to <http://support.hp.com> for more information.

NOTE: The **Auto-sync** option must be **Disabled**. This option can be found in the Adjust Picture menu.