## **SP Controls Application Note**

Christie Vivid LX33 Revision B

### I. Driver Features

#### 1. Command Format

This device is controlled through RS-232.

#### 2. RS-232 Commands

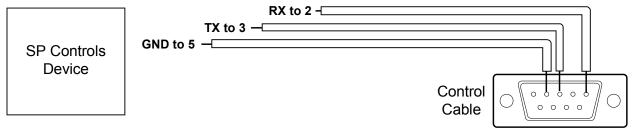
| Power On      | Source: 2 RGB           | Menu On   | Keystone Up    | Audio Mute On  |
|---------------|-------------------------|-----------|----------------|----------------|
| Power Off     | Source: 2 Video         | Menu Off  | Keystone Down  | Audio Mute Off |
| Volume Up     | Source: 2 Y,Pb/Cb,Pr/Cr | Adj Up    | Freeze On      | Focus          |
| Volume Down   | Source: 3 Comp Video    | Adj Down  | Freeze Off     | Zoom           |
| Source: 1 VGA | Source: 3 S-Video       | Adj Left  | Video Mute On  |                |
| Source: 1 DVI | Source: 3 Y,Pb/Cb,Pr/Cr | Adj Right | Video Mute Off |                |
|               | Auto Image              | Enter     |                |                |

#### 3. Other Driver Features

Default Power Status Feedback: RS-232 Polling Projector Restart Lockout Timer (Default): 95 Seconds

## **II. RS-232 Control Wiring**

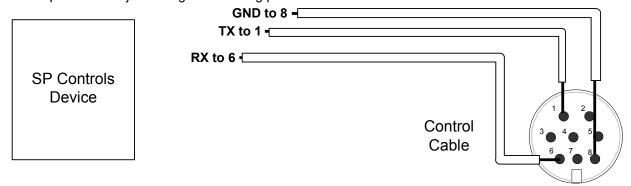
Wire RS-232 control to a male DB9 as follows:



Connect male DB9 to the Christie custom serial adapter cable, and connect to the projector port labeled CONTROL PORT.

Serial Adapters (for NRC only): A and B

**Alternate Wiring**: If the intermediate cable is unavailable, the control cable can be terminated directly in a male 8-pin mini-DIN jack using the following pinouts:



Connect male mini-DIN to the projector port labeled CONTROL PORT.



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## **III. Projector Configuration**

The Christie projector DISPLAY and POWER MANAGEMENT options should be disabled through the on-screen menus, or the projector may become out of sync with the controller. Activate the on-screen menus and scroll to the SETTING submenu (the first item is LANGUAGE). De-select the DISPLAY option and set POWER MANAGEMENT to OFF.