



I. Driver Features

1. Command Format

This device is controlled through RS-232.

2. RS-232 Commands

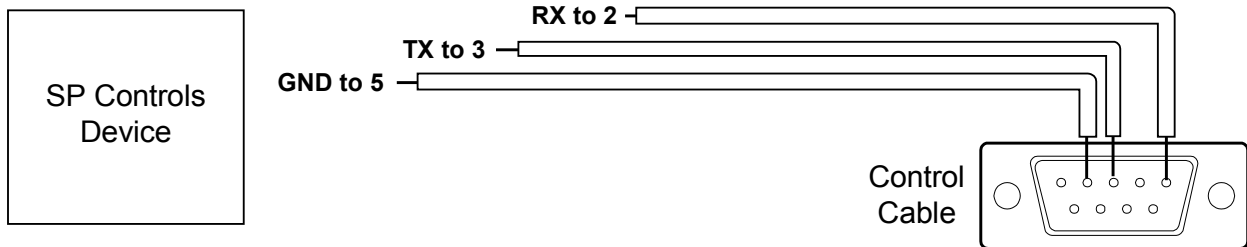
Power On	Source: BNC-RGBHV	Source: SVID-Svideo4	Lens Zoom Up
Power Off	Source: BNC-RGBCS (digital)	Source: D15-RGBHV	Lens Zoom Down
Volume Up	Source: BNC-RGBCS (analog)	Source: D15-RGBCS (digital)	PiP
Volume Down	Source: BNC-RGsB	Source: D15-RGBCS (analog)	Freeze
Source: Video	Source: BNC-PrYPb	Source: D15-RGsB	Standby
Source: S-Video	Source: Composite-VerticalSync	Source: D15-PrYPb	Mute
Source: DVI	Source: Composite-Red	Enter	Text
Source: IQ PC	Source: Composite-Green	Menu	Lens
Source: SDI	Source: Composite-Blue	Adjust Left	Digital Zoom Up
Source: Firewire	Source: Composite-SVid-Y	Adjust Right	Digital Zoom Down
Source: BNC	Source: Composite-SVid-C	Adjust Up	Key 0 – Key 9
	Source: Composite-Video2	Adjust Down	F1 – F4
	Source: SVID-Vs/Video	Pause	
	Source: SVID-Red/Blue	Back	

3. Other Driver Features

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

II. RS-232 Control Wiring

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



Connect male DB9 to projector port labeled *RS-232 In*.
Serial Adapters (for NRC only): A and B

III. Projector Configuration

Projector Address: *Barco LCD projectors are* configured with a unique ID, for installations with multiple projectors. The codes used in this driver assume that the projector address is set to **01**, the default setting. Projector address may be verified and set in the *Installation* section of the on-screen menu system by selecting *Change Projector Address*.

Baud Rate: Barco LCD projectors may have their RS-232 ports configured to communicate at a variety of speeds. The codes used in this driver assume that the *Baud rate PC* setting is **9600**, the default setting.



SP Controls Application Note

Barco IQ Pro G350

Revision B

Port speed may be verified and set in the *Installation* section of the on-screen menu system by selecting *ChangeBaud Rate*.

Note that projector address and baud rate can only be verified or changed with a remote control, if they are set to values which prevent Panel communication. Refer to Barco manuals for more information on how to verify and set the address and port speed.