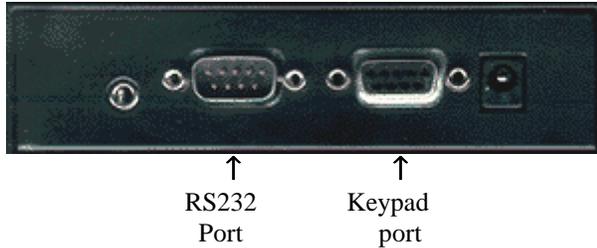# Documentation for AC1 program
PLUSU2

Hardware Requirements

- AC1MOD controller with PLUSU2 firmware and power adapter.
- AC1U2_2 control cable (2 x 2-position terminal blocks) to projectors.
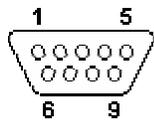- PC2B4 harness (with DB9M connector) and 4 push buttons

Instructions on installing the controller

1. **Make sure power to the player and controller is disconnected before installation.**
2. On the controller you must insert the AC1U2_2 cable into the RS232 port (DB9 MALE) of the AC1
3. Plug in the power supply to the controller.
4. Grounding one of the Return Pins (2..5) on the KEYPAD port will send the appropriate power command (@19,200 BAUD) to the Plus U2 projectors attached to the COM0 or COM1 ports.
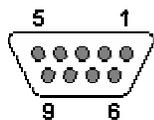
AC1 Controller (back)

RS232 Port   Keypad port

RS232 connector

PIN #	RS232 signal
2	**RS232 OUTPUT (COM0) from AC1**
8	**RS232 OUTPUT (COM1) from AC1**
5	**RS232 GROUND**

Two position terminal blocks (labelled COM0 and COM1):

WHITE wire is the transmit signal from the AC1
BLACK is the GROUND

AC1 Keypad connector

Function	Button#	Pins on keypad port
Power ON (COM0)	1	1 and 2
Power OFF (COM0)	2	1 and 3
Power ON (COM1)	3	1 and 4
Power OFF (COM1)	4	1 and 5

For more information contact: Technovision at (905) 420-5153
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