

INSTALLATION GUIDE FOR

Da-Lite RP RS-232 Kit

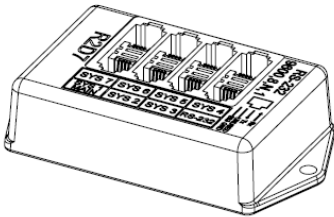


Product Description

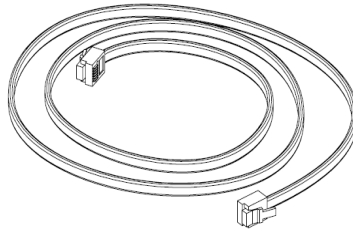
The RP RS-232 adapter is an RS-232 adapter to the line of controls used on Da-Lite motorized screens and projector lifts. This RS-232 adapter allows remote control of a screen or lift through RS-232 communication.

RS-232 is an interface protocol that is spoken by personal computers and some home automation systems. It is an interface of commands used to speak from device to device.

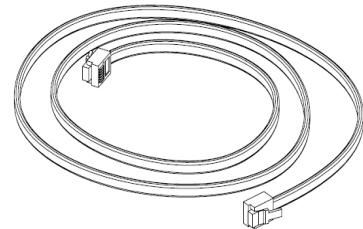
Included in the Package



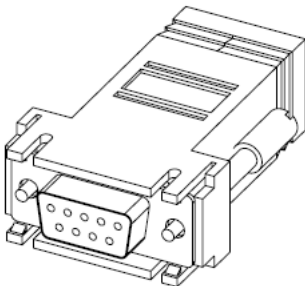
RS232—PCB BOX



10 FT. - 6P6C
MODULAR PLUG
CABLE ASSY



25 FT. - 6P4C
MODULAR PLUG
CABLE ASSY



DB-9 FEMALE TO
MODULAR PLUG
CONNECTOR

Installation

When connecting the RS232 PCB box, there are two connections that must be made for proper operation. Connection #1 must be made from the "EYE" port of a control PCB to the "SYS 1 MAIN" port of the RS232 PCB box. Connection #2 must be made from the "RS-232" port of the RS232 PCB box to an RS-232 output of controller device. The 10 FT. cable and 25 FT. cable can be switched around. See wiring diagram in (Fig. 1).

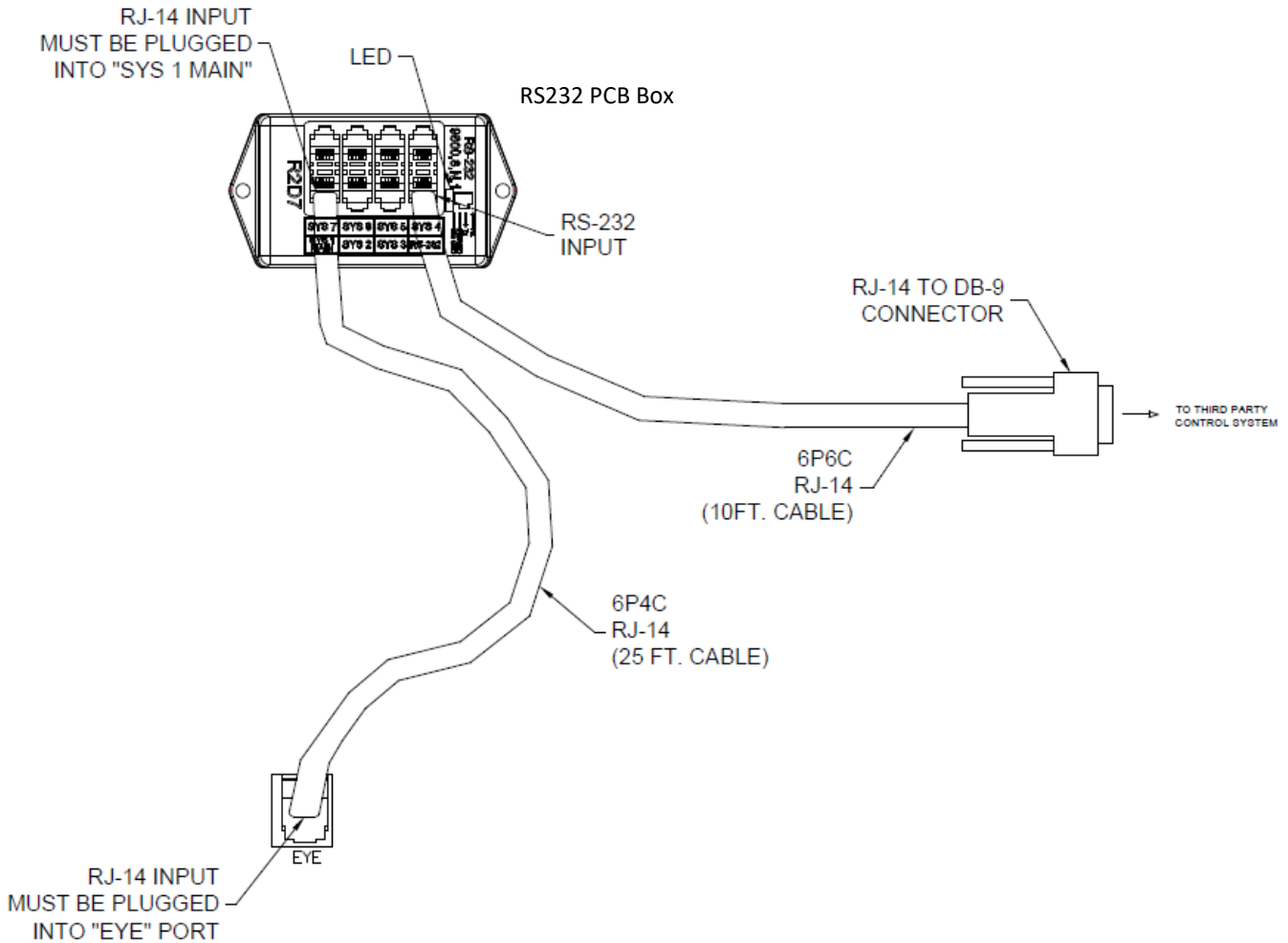


Figure 1

RS-232 Port Pin Configuration

When looking down at the face of the RS232 PCB box, the RS-232 port configuration is (Refer to Fig. 2)

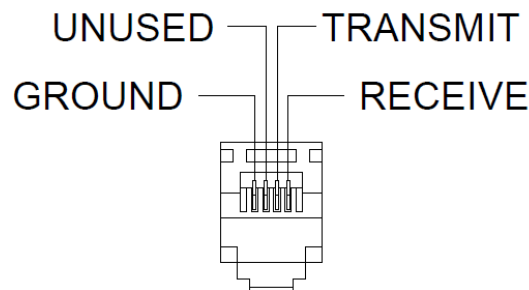


Figure 2

Usage

The RS-232 port settings will need to be configured per table below:

Baud Rate:	9600
Data:	8 Bit
Parity :	None
Stop:	1 Bit
Flow Control:	Xon/Xoff

The RS-232 command reference is per table below:

(UP) Command	*1o04;
(Down) Command	*1c04;
(Stop) Command	*1s04;

The control is not Bi-Direction, but it will give a response to commands sent.

When the RP RS232 unit first powers on it will send back the (Version #, X-On). The LED on the unit will flash green, red, green and red. The unit will respond with a "LF" if the command sent was good. It will respond with a "U" if the command was not understood.



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