Installation/Wiring
DC Motor Control for Phantom and Orbiter by Draper

Caution
1. Make sure electrical supply has been disconnected before attempting to connect Lift to electricity.
2. Lift operates on 12V DC.
3. Lift must be installed in accordance with the requirements of the Local Building Codes, the Canadian Electrical Code (CEC), CAN/CSA C22.1 and the National Electric Code (NEC), NFPA 70. All operating switches should be “off” before power is connected.
4. Lift should be operated and checked prior to installing the projector.
5. Unit must be installed by qualified personnel.

Spring-Loaded Terminals
When running wires to the spring-loaded terminals, use the following steps:
1. Strip outer wire sheathing back 1”, then strip insulation of individual wires back 3/8”.
2. Place screwdriver into the top slot to open the spring-loaded terminal.
3. Slide wire into terminal connection point.
4. Remove screwdriver. Wire is now locked into place.

DC Motor Control Wiring Diagram for Phantom

DC Motor Control Wiring Diagram for Orbiter

RS232 Note:
Operating a Phantom or Orbiter via RS232 requires an R2D7. See separate R2D7 RS232 instructions for details.

Electrical Specifications—DC Motor Control

Input:
DC Voltage 11.5-36VDC

Output:
Same voltage as input, 7.0 FLA Max. Signal output is Class 2.

Please Note:
Cable used to connect to the Eye jack must be electrically straight 6-conductor modular cable (RJ25). This means colors do not cross over: blue leads to blue, green to green, etc. (see diagram below).

Please Note:
If you encounter any difficulties installing the DC Motor Control, call your dealer of Draper, Inc. in Spiceland, Indiana, 765-987-7999, or fax 765-987-7142.

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