

# Serial and Network Control for Motorized Projection Screens and Projector Lifts



**Please Note:** Draper motorized screens, AeroLifts, the Micro Projector Lift and the LCD Lift come with one 110V-120V AC 3-position wall switch (for ScissorLift, Revelation, Phantom and Orbiter, see their respective submittals). For Serial or IP control, select from below:

- Control a screen or lift with two-way serial communication using RS232. For this you need an MC1.**  
**How Many MC1s?** \_\_\_\_\_ (Up to four MC1s can be connected via the MC1 1-to-4 Splitter. How many 1-to-4 Splitters? \_\_\_\_\_ )  
 **Factory install MC1 inside screen case?** <sup>1</sup>  
 Yes  No

**There are several additional control options to choose from:**

**(Except for Orbiter, Phantom, Revelation and ScissorLift. For these products, see submittals.)**

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> Dry contact 3-button wall switch  | How many? _____                    |
| <input type="checkbox"/> Low Voltage LED wall switch, power supply and splitter*                 | How many? _____                    |
| <input type="checkbox"/> 3-position key control switch   | How many? _____                    |
| <input type="checkbox"/> Power supply (on-off) key switch?                                       | How many? _____                    |
| <input type="checkbox"/> IR remote control eye and one transmitter*                              |                                    |
| <input type="checkbox"/> Add IR remote control transmitter                                       | How many extra transmitters? _____ |
| <input type="checkbox"/> RF remote control receiver, one transmitter, power supply and splitter* |                                    |
| <input type="checkbox"/> Add RF remote control transmitter                                       | How many extra transmitters? _____ |

**\*Please note: The MC1 has one data cable input jack. If using more than one IR eye, LED wall switch or RF receiver, a splitter is required. If using more than one LED wall switch or RF receiver, an additional power supply may also be required (power supply powers up to three total receivers or LED switches).**

- |  |                 |
|--|-----------------|
| <input type="checkbox"/> Add data cable splitter (1 per 2 additional inputs) | How many? _____ |
| <input type="checkbox"/> Add power supply                                    | How many? _____ |

- Control a screen or lift with Network Communication (Ethernet). For this you need an MC1 and an LS100.**  
**How Many MC1s?** \_\_\_\_\_ (Up to four MC1s can be connected via the MC1 1-to-4 Splitter. How many 1-to-4 Splitters? \_\_\_\_\_ )  
**How Many LS100s (Each LS100 can handle one MC1)?** \* \_\_\_\_\_  
 **Factory install MC1 inside screen case?** <sup>2</sup>  
 Yes  No

**\*Please note: The LS100 connects to the MC1 through the serial pins. To connect an LS100 to an MC1, one RS232 (serial) adapter and one MJA4 modular jack adapter are required.**

- |   |                 |
|---|-----------------|
| <input type="checkbox"/> Add MJA4 Modular Cable Adapter | How many? _____ |
| <input type="checkbox"/> Add RS232 (Serial) Adapter     | How many? _____ |

**There are several additional control options to choose from:**

**(Except for Orbiter, Phantom, Revelation and ScissorLift. For these products, see submittals.)**

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> Dry contact 3-button wall switch                        | How many? _____                    |
| <input type="checkbox"/> Low Voltage LED wall switch, power supply and splitter* | How many? _____                    |
| <input type="checkbox"/> 3-position key control switch                           | How many? _____                    |
| <input type="checkbox"/> Power supply (on-off) key switch                        | How many? _____                    |
| <input type="checkbox"/> IR remote control eye and one transmitter*              |                                    |
| <input type="checkbox"/> Add IR remote control transmitter                       | How many extra transmitters? _____ |
| <input type="checkbox"/> RF remote control receiver and one transmitter*         |                                    |
| <input type="checkbox"/> Add RF remote control transmitter                       | How many extra transmitters? _____ |

**\*Please note: The MC1 has one data cable input jack. If using an RF receiver, IR eye or LED wall switch, a splitter is required. If using more than one LED wall switch or RF receiver, an additional power supply may also be required (power supply powers up to three total receivers or LED switches).**

- |  |                 |
|--|-----------------|
| <input type="checkbox"/> Add data cable splitter (1 per 2 additional inputs) | How many? _____ |
| <input type="checkbox"/> Add power supply                                    | How many? _____ |

**<sup>1</sup> MC1 can be built into the following products:**

- Access/Series E: Factory installed MC1 increases case length by 2<sup>1</sup>/<sub>2</sub>"
- Access/Series V: Factory installed MC1 increases case length by 1"
- Signature/Series E: Does not increase case length
- Signature/Series V: Does not increase case length
- Silhouette/Series E: Factory installed MC1 increases case length by 7<sup>3</sup>/<sub>8</sub>"
- Silhouette/Series V: Factory installed MC1 increases case length by 7<sup>3</sup>/<sub>8</sub>"
- Ultimate Access/Series E: Does not increase case length
- Ultimate Access/Series V: Does not increase case length



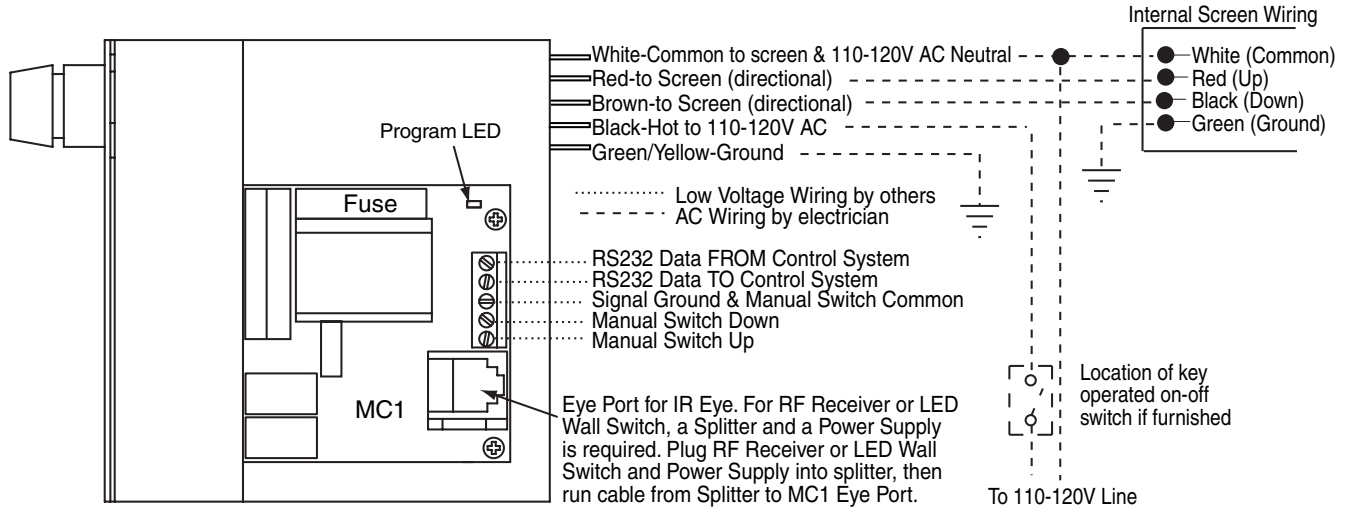
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PROJECT: _____
SCREEN MODEL: _____
ARCHITECT: _____
CONTRACTOR: _____
SUPPLIER: _____
DATE: _____ REVISED: _____

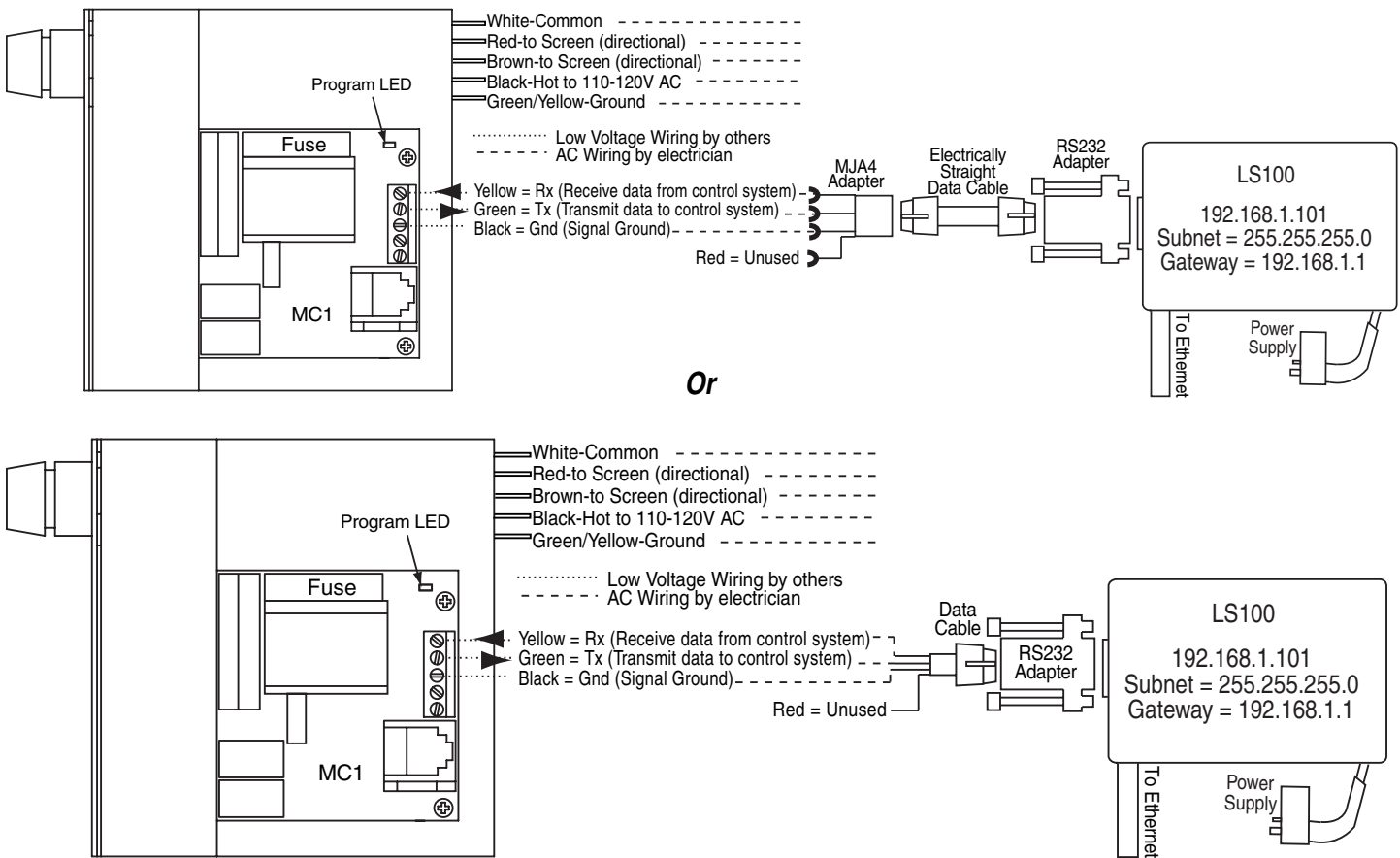
**Wiring Diagrams\***

**Serial (RS232) Control using the MC1**



See separate Serial Communication-RS232 Instruction sheet for instructions on enabling RS232 with the MC1.

**Network (IP) Control using the MC1**



PROJECT: \_\_\_\_\_  
 SCREEN MODEL: \_\_\_\_\_  
 DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_

\* Wiring diagrams also ship with individual controls