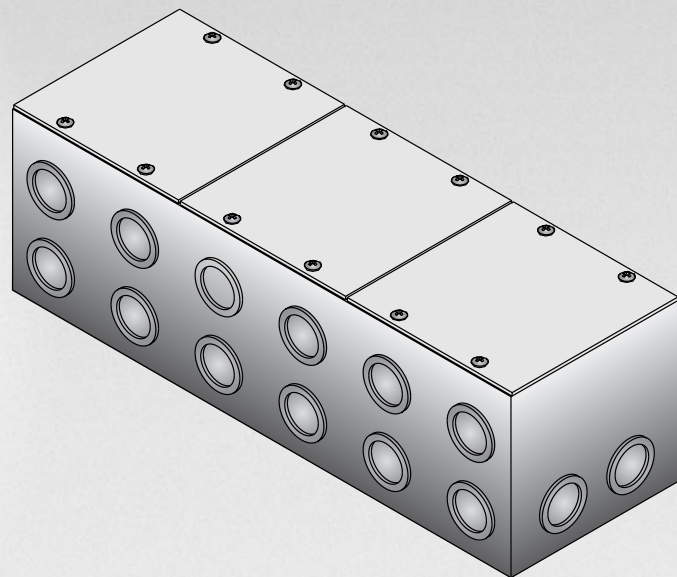


The
POWER *In*
PRESENTATION PRODUCTS



**Instruction Book for
MULTI CHANNEL INFRARED CONTROL**



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DESCRIPTION

The Multi Channel Infrared Control (MCIR) provides low voltage control for the three masks of the Multi-Mask Imager screen. Each mask can be operated independently by three individual three-button low voltage switches or by a single infrared remote.

INSTALLATION

LOW VOLTAGE CONNECTIONS:

WARNING: To prevent electrical shock or damage to the LVC, do not apply power to the LVC until all connections are complete. Make sure power is turned off on all wires before making connections.

Wall Switch

1. Install the wall switches where desired.
2. Use 3-conductor 20-24 gauge wire to extend the switch wire to the required length.
3. Connect the switch wires to the wires labeled "wall switch". Refer to diagram 1.



CAUTION! Never apply voltage to the wall switch lead or the MCIR will be damaged.

Third Party Control Panel

A third party control panel may be connected to the MCIR by using the wall switch wire leads. The control panel must provide a momentary, dry contact closure of at least 1/2 second.

1. Use 3-conductor 20-24 gauge wire to connect the control panel to the wall switch leads.
A momentary closure across the white and red wires will be an "up" command.
A momentary closure across the white and black wires will be a "down" command.
A momentary closure across the white, red and black wires will be a "stop" command.



CAUTION! Never apply voltage to the wall switch lead or the MCIR will be damaged.

AC POWER CONNECTIONS:

Screen Motors

1. Connect the black and red motor wires in the screen junction box to the red and brown MCIR wires as shown in diagram 1.
2. Use 14-18 gauge wires to extend the motor wires to the required length.

NOTE: The wiring diagram is for the Da-Lite Multi-Mask Imager Screen. If the MCIR is connected to a different model screen you will have to reverse the red and black motor wires or the up and down commands will be backwards.

AC Power Source

1. Connect power wires to the black and white MCIR wires as shown in diagram 1.
2. Connect the building ground wire to the green ground wire as shown.

INSTALLATION

AC POWER
115V 60HZ
4 AMP

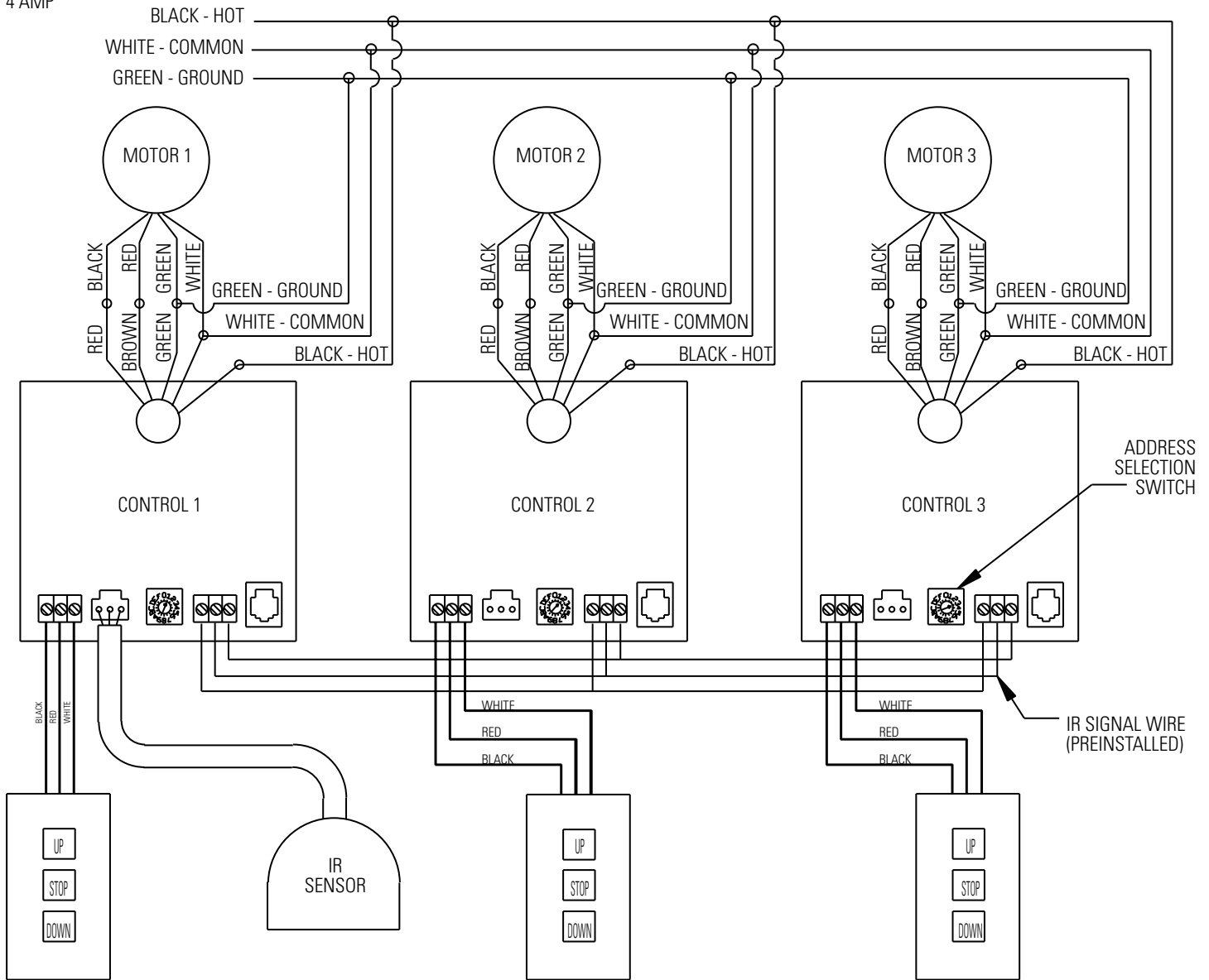


DIAGRAM 1

Infrared Control

1. Carefully remove the number one control from the junction box and connect the IR sensor to the onboard connector as shown in diagram 1.
2. The sensor should be mounted in the line of site and free from any obstruction.
3. The address selection switch is set to correspond to the control number and the numbers on the remote transmitter (control 1 is set to address 1 and is activated by transmitter button 1). The MCIR is already configured to allow individual control of each screen motor. If you wish to activate two or more mask motors at the same time and do not want individual control, set the addresses on the corresponding controls to the same number.

NOTE: 0 is not used as an address.

4. To use the transmitter, first press the number on the keypad that corresponds to control number that you want to activate.
5. Press the down button. The mask will descend.
6. You can continue to operate that control until a different number is entered on the keypad.

