# FAN SPEED CONTROLLER

LOW VOLTAGE INSTALLATION

## ROUGH-IN

**1. Select a suitable location for the fan speed controller box. This box will fit between two normally spaced studs. Fix the box to the studs using 4 wood or metal screws.**

**2. Run one 22 gauge 2 conductor wire from a CentraLite relay can which has at least one spare transformer plug-in available. Bring the wire in through the single knockout in the bottom of the box.**

**3. Run one 22 gauge 6 conductor wire from the MCP location to the FSC box. Bring the wire into the box through the single knockout in the bottom of the box.**

## TRIM-OUT

**1. The FSC box may contain one or two FSC-4 controllers. If there are two FSC-4 boards, the low voltage connections will be daisy chained to both boards.**

***NOTE: If two boards are present, power both of the boards using a single 1600 ma Class II 12 volt transformer.**

**2. In the FSC metal box, connect the Class II 12 volt AC wires to pins 4 and 5 of each 6 pin connector. Note that pin 1 is the bottom pin, so pins 4 and 5 are the second and third pins from the top of the connector.**

**3. Connect the 22 gauge 6 conductor signal wire which goes to the MCP as follows:**
**Pin 1: White; Pin 2: Blue; Pin 3: Green; Pin 6: Black. If there are 2 FSC-4's in the box, then daisy chain the signal wire to both boards.**

**4. Set the dip switches to 2 different addresses ( 0 through 5). Note that up to 6 FSC-4's may be daisy chained to the same relay driver signal connector slot. Each must have a unique dip-switch address 0 through 5. Write down the addresses.**

**5. Now place the wires inside the nylon clips in the can and snap the circular wire standoff to secure the wires in place.**

**6. Now move to the MCP location and wire up the 6 pin connector color to color the same as on the FSC-4 end. Plug the relay driver connector into an available slot.**

**7. Now, test the controllers using the CentraLite Elegance software for proper operation.**

**Low Voltage connector wiring:**

| | | |
|---|---|---|
| **Pin 1:** | **White** | **Reset** |
| **Pin 2:** | **Blue** | **Error** |
| **Pin 3:** | **Green** | **Data** |
| **Pin 4** | **X** | **12 Volts AC** |
| **Pin 5:** | **X** | **12 Volts AC** |
| **Pin 6:** | **Black** | **Signal Common** |