



485 Garage Door Control Installation & Setup Guide

STEP 1: ATTACH GARAGE DOOR MOTORS TO RELAYS 1 - 4

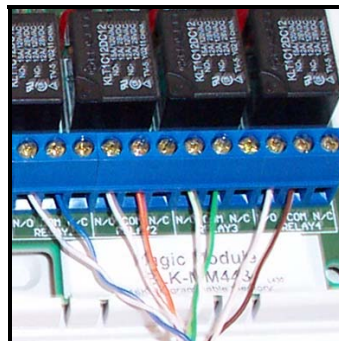
Relays 1, 2, 3, and 4 are used to change the position of the garage door by momentarily closing in the same way that a wall switch is used to change the position of a garage door by momentarily pressing the switch. As seen below, attach up to 4 garage doors to the Garage Door Controller using the N/O and COM terminals of Relays 1 – 4 (one garage door per relay – the N/C terminals will NOT be used). Note that you may connect to the garage door motor in one of two ways:

Inline With Wall Switch

Find the wire running between the garage door motor and the wall switch. Wire one of the relays inline with the wall switch. Note that wire order does not matter.

Direct To Door Motor

Find the wire running between the garage door motor and the wall switch and note where it attaches to the door motor. Wire one of the relays to the same two terminals where the wall switch attaches to the door motor, being sure to leave the wall switch connected as well. Note that wire order does not matter.



STEP 2: MOUNT THE SENSOR COMPLETER



OR



Attach the **non-wired Sensor Completer** to the interior side of the garage door in one of two places:

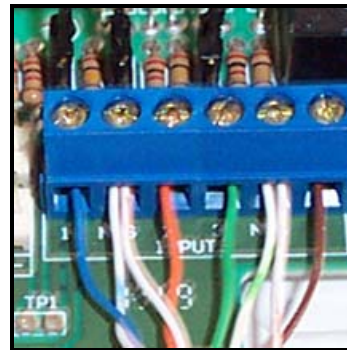
Where The Bottom Of The Garage Door Meets The Garage Floor **OR**

Where The Top Of The Garage Door Meets The Top Of The Garage Door Opening

Mount the **wired Contact Sensor** so that when the garage door is in the closed position it will make contact (or at least be within 1/2” of the Sensor Completer.

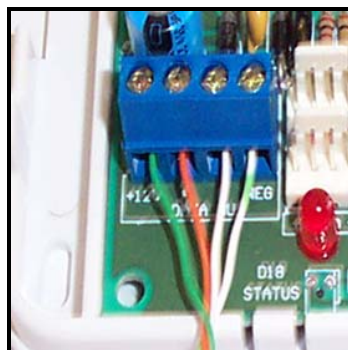
STEP 3: ATTACH THE CONTACT SENSOR TO THE GARAGE DOOR CONTROLLER

Attach the **RED** and **BLACK** wires of the Contact Sensor (wire order does not matter) to the **INPUTS** of the Garage Door Controller as seen below (picture assumes **RED** and **BLACK** wires extended with CAT5). Note that **INPUTS 1 and 2** share a negative (**NEG**) terminal and **INPUTS 3 and 4** share a negative (**NEG**) terminal. Note also that the **INPUTS** and **RELAYS** are directly tied together – i.e. **RELAY 1** goes with **INPUT 1** therefore garage door motor 1 should be attached to **RELAY 1** and the Sensor Completer for garage door 1 should be attached to **INPUT 1**, and so on.

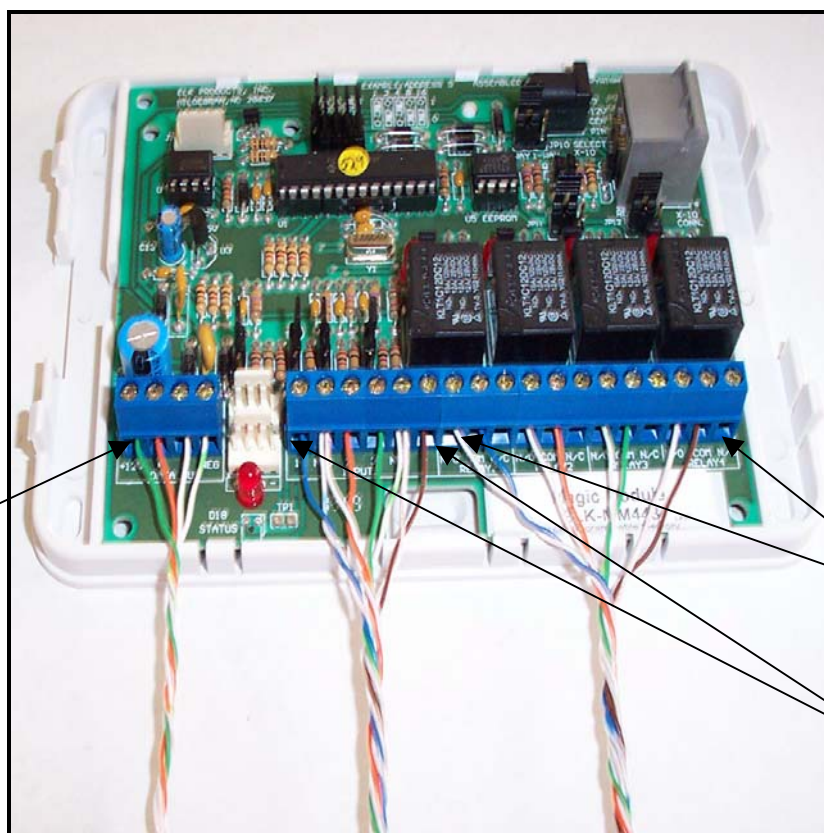


STEP 4: CONNECT THE GARAGE DOOR CONTROLLER TO THE 485 HUB

As seen below, connect the garage door controller to the 485 Hub via the **DATA BUS** terminals.



ADDITIONAL INFORMATION - See below an overview picture of the Garage Door Control installation.



485 Hub Connection

Garage Door Relays

Sensor Completer Inputs