



# Digi-Code

## INSTALLATION INSTRUCTIONS UNIVERSAL BEAM SENSOR

The Model CR-2147 ( Sender ) and CR-2148 ( Receiver ) Universal Beam Kit is compatible with the following brands of openers:

Chamberlain, Lift-Master, Craftsman, Genie, Overhead ( 1995+ ), Challenger, Stanley, Linear, Moore-O-Matic and Raynor models ( built by Chamberlain )

× **WARNING – BEAMS MUST BE INSTALLED NO MORE THAN 2” - 4” ABOVE THE FLOOR**

### **TO REPLACE CHAMBERLAIN, LIFT-MASTER, CRAFTSMAN, GENIE, OVERHEAD ( 1995+ ), LINEAR OR RAYNOR BEAMS:**

- 1 ) Leave the existing wiring in place ( unless it's defective ) and remove the beams to be replaced along with their brackets. If the existing wiring is defective, replace with comparable wiring ( not provided ).
- 2 ) Install the brackets provided at the ×same height of the beams you have just removed.
- 3 ) Mount the new beam sender and receiver on opposite brackets and connect existing wiring, split it between the two screw terminals on the modules. The new units are **NON-POLARIZED**, so you can hook up the wires either way.
- 4) Align the two beams so that the red led is on solid on both units. The red led on the sender will light once power is supplied, but the led on the receiver will light only when the units are properly aligned. The opener will now operate as normal.

### **TO REPLACE MOORE-O-MATIC ( BLACK BEAMS ) OR CHALLENGER BEAMS:**

- 1 ) Clip the **BLACK** jumper wire sticking out of the back of the new receiver unit.
- 2 ) Leave the existing wiring in place ( unless it's defective ) and remove the beams to be replaced along with their brackets. If the existing wiring is defective, replace with comparable wiring ( not provided ).
- 3 ) Install the brackets provided at the ×same height of the beams you have just removed.
- 4 ) Mount the new beam sender and receiver on opposite brackets and connect existing wiring, split it between the two screw terminals on the modules. The new units are **NON-POLARIZED**, so you can hook up the wires either way.
- 5) Align the two beams so that the red led is on solid on both units. The red led on the sender will light once power is supplied, but the led on the receiver will light only when the units are properly aligned. The opener will now operate as normal.



## TO RELACE MOORE-O-MATIC ( YELLOW BEAMS ) BEAMS:

- 1 ) Clip the YELLOW jumper wire sticking out of the back of the new receiver unit.
- 2 ) Leave the existing wiring in place ( unless it's defective ) and remove the beams to be replaced along with their brackets. If the existing wiring is defective, replace with comparable wiring ( not provided ).
- 3 ) Install the brackets provided at the ×same height of the beams you have just removed.
- 4 ) Mount the new beam sender and receiver on opposite brackets and connect existing wiring, split it between the two screw terminals on the modules. The new units are **NON-POLARIZED**, so you can hook up the wires either way.
- 5) Align the two beams so that the red led is on solid on both units. The red led on the sender will light once power is supplied, but the led on the receiver will light only when the units are properly aligned. The opener will now operate as normal.

## TO RELACE STANLEY BEAMS:

- 1 ) Clip the black jumper wire sticking out of the back of the new receiver unit.
- 2 ) Disconnect wiring from the old beams then remove the beams from their brackets and replace with the new units provided.
- 3 ) Wire the units the same as the old units . The new units are **NON-POLARIZED**, so you can hook up the wires either way. **NOTE:** If you are replacing a unit which had the sender wired to the receiver then back to the powerhead, then start by connecting the existing wiring to the new sender module, then simply split the wires coming from the sender and place one of each on a receiver screw terminal and split the two wires coming from the powerhead and put one of each on the same receiver screw terminals ( which will leave you with two wires on each receiver screw terminal).
- 4) Align the two beams so that the red led is on solid on both units. The red led on the sender will light once power is supplied, but the led on the receiver will light only when the units are properly aligned. The opener will now operate as normal.

## WARRANTY

All Digi-Code door related products carry an eighteen (18) month warranty against defects in workmanship or material. This warranty begins at the date of manufacture, for eighteen months. Digi-Code warrantees our product only to our authorized dealers and distributors, and not to the end customer. If you have any questions about our warranty, please ask your dealer to determine the nature and scope of their warranty. Digi-Code does not assume, and is not responsible for, any real or consequential damages from claims against the performance of our product, nor is it liable for any costs related to the loss of life, property, or revenue. Further, Digi-Code is in no way responsible for installation of our product, and will assume no cost related to reinstallation or removal. Digi-Code's warranty is in lieu of all other warrantees, expressed, or implied.



**NORTH SHORE**  
COMMERCIAL DOOR CO.

# Digi-Code

## INSTALLATION INSTRUCTIONS UNIVERSAL BEAM SENSOR

The Model CR-2147 ( Sender ) and CR-2148 ( Receiver ) Universal Beam Kit is compatible with the most major brands of garage door openers:

**WARNING – To prevent possible serious injury**

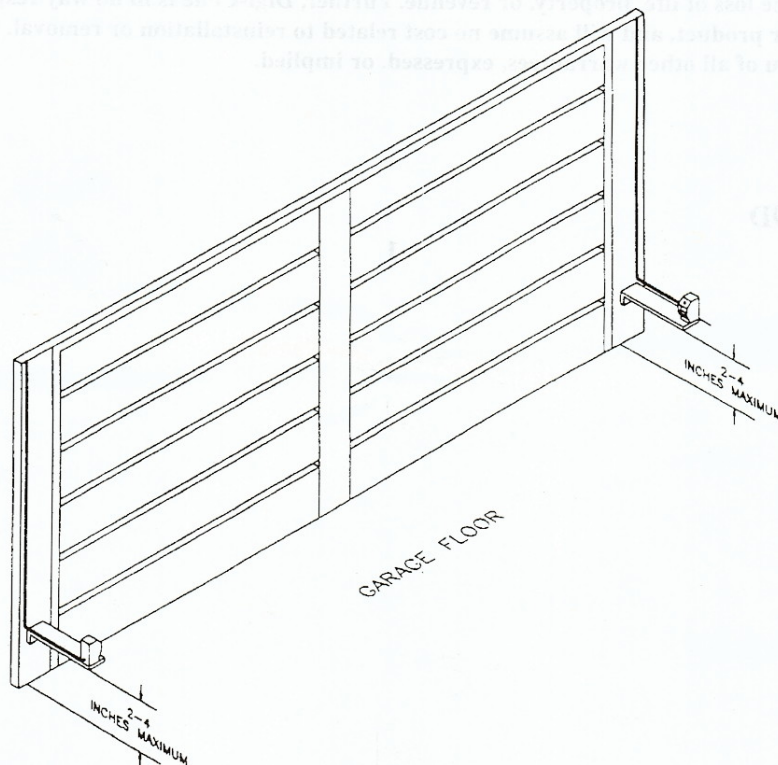
- Disconnect power to operator before installing sensor
- Connect only to low voltage ( Class 2 ) power source

× **WARNING – BEAMS MUST BE INSTALLED NO MORE THAN 2" - 4" ABOVE THE FLOOR**

### TO REPLACE BEAMS:

- 1 ) Leave the existing wiring in place ( unless it's defective ) and remove the beams to be replaced along with their brackets. If the existing wiring is defective, replace only with Listed Class 2, Type CL2, CL2P, CL2R, or CL2X or other cable with equivalent or better electrical, mechanical, and flammability ratings in accordance with the National Electric Code ( NEC ).
- 2 ) Install the brackets provided at the height indicated in Figure 1.

FIGURE 1





- 3 ) Mount the new beam sender and receiver on opposite brackets and connect existing wiring, split it between the two screw terminals on the modules. The new units are **NON-POLARIZED**, so you can hook up the wires either way.
- 4 ) Align the two beams so that the red led is on solid on both units. The red led on the sender will light once power is supplied, but the led on the receiver will light only when the units are properly aligned. The opener will now operate as normal.

## **BEAM SENSOR TESTING** ( This test **MUST** be performed to complete installation )

- 1 ) While the door is closing, place an object in front of the beam sensor eye. **The door should reverse and open.**
- 2 ) Blocking the sensor while the door is opening will have no affect on the door operation.

## **PERIODIC BEAM SENSOR TESTING**

- 1 ) These beam sensors should be tested at least once a year in accordance with the test procedure listed above and adjusted if necessary.

## **WARRANTY**

All Digi-Code door related products carry an eighteen (18) month warranty against defects in workmanship or material. This warranty begins at the date of manufacture, for eighteen months. Digi-Code warrantees our product only to our authorized dealers and distributors, and not to the end customer. If you have any questions about our warranty, please ask your dealer to determine the nature and scope of their warranty. Digi-Code does not assure, and is not responsible for, any real or consequential damages from claims against the performance of our product, nor is it liable for any costs related to the loss of life, property, or revenue. Further, Digi-Code is in no way responsible for installation of our product, and will assume no cost related to reinstallation or removal. Digi-Code's warranty is in lieu of all other warrantees, expressed, or implied.

**Part # 72-2149D**