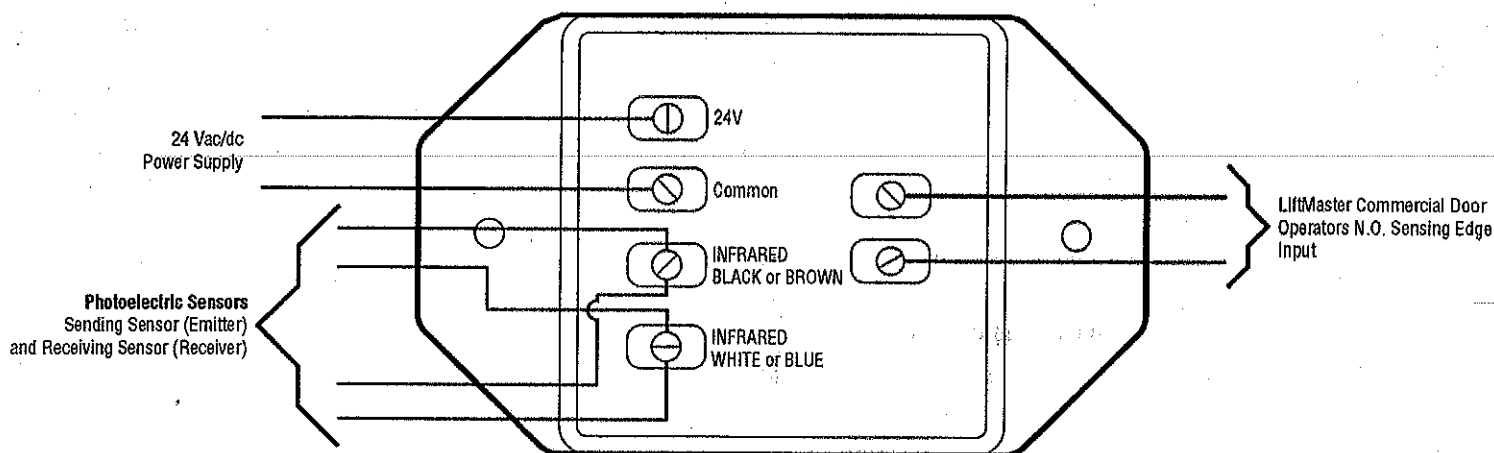


CPS WIRING CONNECTIONS

COMMERCIAL PROTECTOR INTERFACE



TYPICAL WIRING CONNECTIONS

*** NOTE:** Refer to your owner's manual for wiring diagrams specific to your LiftMaster Commercial Door Operator.

Connection at CPS Interface Box	Emitter Wire	Receiver Wire	Mechanical (Terminal)	Logic 2 (Terminal)	Logic 3-4 (Terminal)
	At CPS	At CPS	At Operator	At Operator	At Operator
24V			3*	12	13
Common			Wire Nut*	13	14
Photoelectric Sensors BLACK or BROWN	BLACK or BROWN	BLACK or BROWN			
Photoelectric Sensors WHITE or BLUE	WHITE or BLUE	WHITE or BLUE			
Sensing Edge Input (1/2)			3*	8	8
Sensing Edge Input (2/2)			10*	11	11

TEST THE COMMERCIAL PROTECTOR SYSTEM®

WARNING

To reduce the risk of SERIOUS INJURY or DEATH, the Commercial Protector System® MUST be properly installed and working.

- 1** Press the OPEN button to fully open the door.
- 2** Press the CLOSE button to close the door.
- 3** Obstruct the light beam while the door is closing. *The door should stop and reverse.*

The operator will not close if the indicator light in either sensor is not glowing steadily, alerting you to the fact that the sensor is misaligned or obstructed.

TROUBLESHOOTING

If the sending sensor and receiving sensor indicator lights do not glow steadily after installation, check for:

- Photoelectric sensor alignment
- Obstruction
- Power to the operator
- A short in the wires
- Incorrect wiring between the photoelectric sensors and commercial protector interface
- A broken wire (open wire)

If both green indicator lights are flashing rapidly (and the invisible light beam path is not obstructed), alignment is required.

If the sending sensor and receiving sensor indicator lights are both glowing steadily but interrupting the photoelectric sensors does not cause the door to reverse when closing, check both photoelectric sensors to make sure one sensor is the sending and the other is a receiving sensor.

NOTES:

- Direct sunlight to the sending sensor may prevent the operator from closing even when both the sending and receiving indicator lights are illuminated. A protective cover shielding both sensors from direct sunlight will resolve this issue.
- Professional service is required if the operator closes the door when the photoelectric sensors are obstructed.
- For non-solid state operators, if the door is stopped in a mid position, activation of the sensors will cause the door to open. This is similar to activating a sensor edge.