

# Telco Manual Amplifier Photoeye

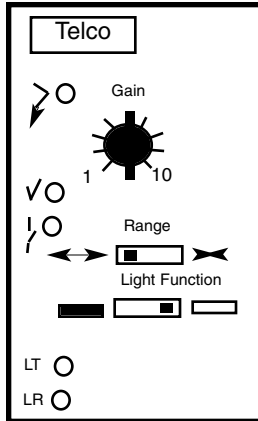
## Wiring Diagram For L3 Chamberlain Opener Products

12-9-09

### Wiring Eyes

Wire numbered terminals on contact block to appropriate numbers listed on Receiver, Transmitter and Opener Terminal Strip. Once wired, plug in amplifier to 11 pin socket located on contact block.

**Amplifier**  
Part # PA11-B302T-05



Range Switch should be set on **Long Range** ↔  
Light Function Switch Should be set on **Light** □  
(Non-Failsafe Mode)

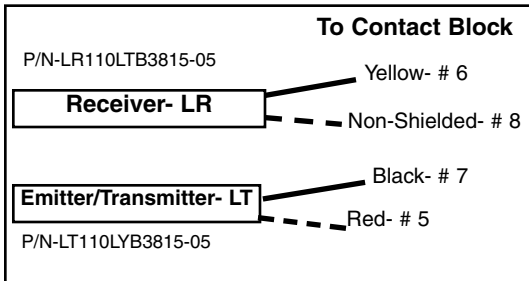
### Operation

Adjust gain adjustment on amplifier dial clockwise until green light turns on.

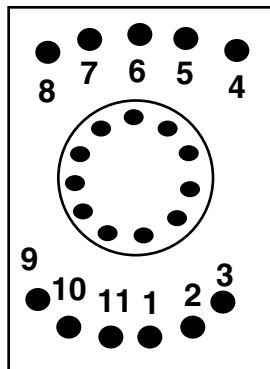
When adjusting, the eyes must be more than 5 feet apart.

Red LR or LT failure LED indicates a sensor failure. The failure can be due to a broken or shorted wiring or a defective sensor. Check wiring and if O.K., change the sensor.

### Photoeye Sensors



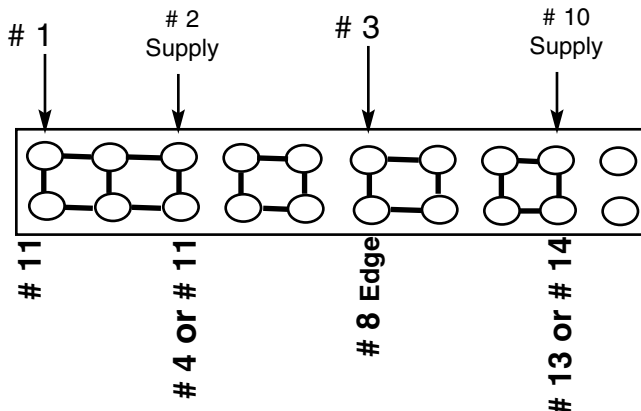
### Contact Block 11 Pin Socket



### Splicing

If sensor cables need to be lengthened. Splice cables with similar wire type and size. **Example-** Use shielded cable for shielded wire on sensor and use non-shielded wire for non-shielded sensor wire.

### 11 Pin Socket



### Operator Terminal Strip

### Attention!!!

This diagram shows photoeyes wired in non-failsafe mode. If you choose to wire in fail safe mode, wire #4 from the contact block to open on operator terminal strip instead of #3. The light function switch should be set to dark. ■

Warning: In failsafe mode, if either photoeye or system fails, the door will open automatically.

  
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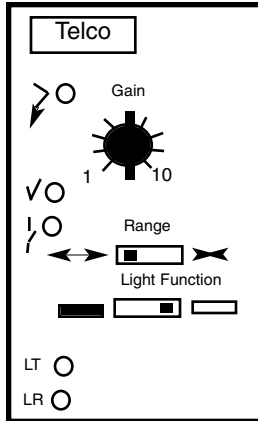
## Wiring Diagram For L2 Chamberlain Opener Products

12-9-09

### Wiring Eyes

Wire numbered terminals on contact block to appropriate numbers listed on Receiver, Transmitter and Opener Terminal Strip. Once wired, plug in amplifier to 11 pin socket located on contact block.

**Amplifier**  
Part # PA11-B302T-05



Range Switch should be set on **Long Range** ↔  
Light Function Switch Should be set on **Light** □  
(Non-Failsafe Mode)

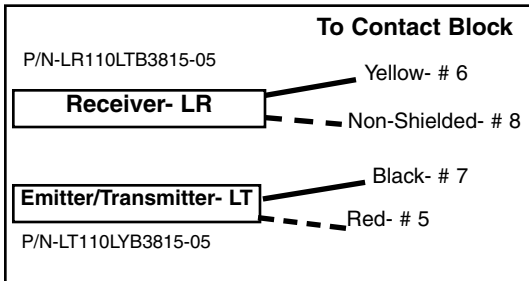
### Operation

Adjust gain adjustment on amplifier dial clockwise until green light turns on.

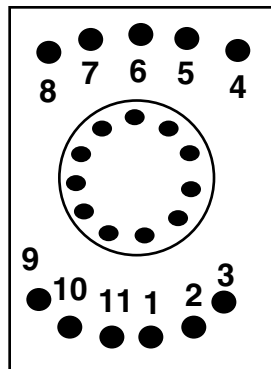
When adjusting, the eyes must be more than 5 feet apart.

Red LR or LT failure LED indicates a sensor failure. The failure can be due to a broken or shorted wiring or a defective sensor. Check wiring and if O.K., change the sensor.

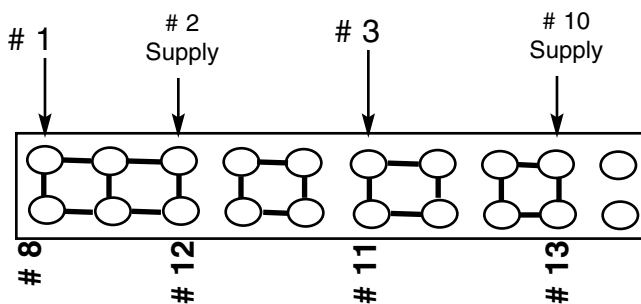
### Photoeye Sensors



### Contact Block 11 Pin Socket



### 11 Pin Socket



### Splicing

If sensor cables need to be lengthened. Splice cables with similar wire type and size. **Example-** Use shielded cable for shielded wire on sensor and use non-shielded wire for non-shielded sensor wire.

### Attention!!!

This diagram shows photoeyes wired in non-failsafe mode. If you choose to wire in fail safe mode, wire #4 from the contact block to open on operator terminal strip instead of #3. The light function switch should be set to dark. ■

Warning: In failsafe mode, if either photoeye or system fails, the door will open automatically.



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### Operator Terminal Strip

**Note:** This wiring Diagram is set up for Chamberlain Electric Operators with Logic 2 (L2).

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# Telco Manual Amplifier Photoeye

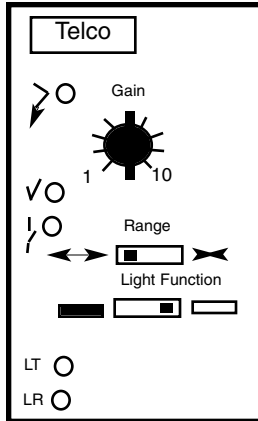
## Wiring Diagram For Cube Style Chamberlain Opener Products

12-9-09

### Wiring Eyes

Wire numbered terminals on contact block to appropriate numbers listed on Receiver, Transmitter and Opener Terminal Strip. Once wired, plug in amplifier to 11 pin socket located on contact block.

**Amplifier**  
Part # PA11-B302T-05



Range Switch should be set on **Long Range** ↔  
Light Function Switch Should be set on **Light**   
**(Non-Failsafe Mode)**

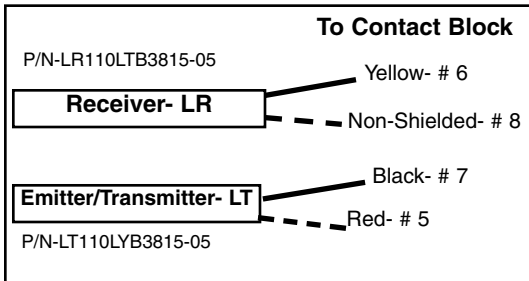
### Operation

Adjust gain adjustment on amplifier dial clockwise until green light turns on.

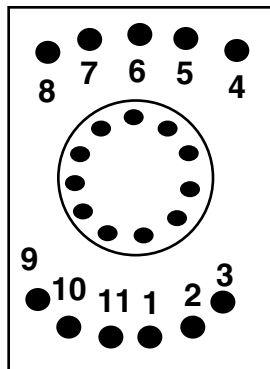
When adjusting, the eyes must be more than 5 feet apart.

Red LR or LT failure LED indicates a sensor failure. The failure can be due to a broken or shorted wiring or a defective sensor. Check wiring and if O.K., change the sensor.

### Photoeye Sensors



### Contact Block 11 Pin Socket



### Splicing

If sensor cables need to be lengthened. Splice cables with similar wire type and size. **Example-** Use shielded cable for shielded wire on sensor and use non-shielded wire for non-shielded sensor wire.

### Attention!!!

This diagram shows photoeyes wired in non-failsafe mode. If you choose to wire in fail safe mode, wire #4 from the contact block to open on operator terminal strip instead of #3. The light function switch should be set to dark.

Warning: In failsafe mode, if either photoeye or system fails, the door will open automatically.

### Wiring

1. Wire # 2 and # 10 from contact block to wire nut in opener and # 3 on opener terminal strip. This is primary power.
2. Wire emitter and receiver wires as shown above to contact block
3. Wire # 1 on contact block to # 10 on opener terminal strip. Opener Terminal # 10 is safety reverse circuit.
4. Wire # 3 on contact block to # 4 on opener terminal strip.
5. Set to Dark Mode

**Note:** This wiring Diagram is set up for Chamberlain Electric Operators with Cube Style or Mechanical Contacts).

  
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