

Construction Chutes

"If there is a problem with the chute, how can I immediately tell workers on other levels to stop using the chute?"

SUPERCHUTE RAPID WARNING TRAFFIC LIGHT SYSTEM

Superchute's Traffic Light System instantly tells workers: "use the chute" or "do not use the chute".

It is a modular low voltage electronic system that easily expands to match the length of chute and number of chute entries.

The entire system is watertight & features heavy duty components.

Examples where this communication is vital to the safety of others:

- The full container is being changed for an empty one
- There is a blockage in the chute
- Repairs to the chute are in progress

An electrician is not required for installation! All you need is an electrical outlet. Assembles in minutes. No tools required.

COMPONENTS

Pendants (Top and Standard)

- Features 1 red LED cluster, 1 green LED cluster, and 1 emergency stop button.
- 2" wide clusters are protected by tempered glass and stainless steel faceplates.
- Uses 24 volts to reduce the risk of electrocution.
- LED lightbulbs have a lifespan of 100,000 hours. Spare bulbs are easy to replace.
- Epoxy powder-coated steel enclosure for maximum durability.
- 4 wall mount holes per box.
- 6" wide x 13" tall x 5" deep.



Top Pendant

Standard Pendant

Small Form Pendant

Small Form Pendant

- Features 1 red LED, 1 green LED, and 1 emergency stop button.
- Uses 24 volts to reduce the risk of electrocution.
- LED lightbulbs have a lifespan of 100,000 hours. Spare bulbs are easy to replace.
- Plastic enclosure.
- 3" wide x 9" tall x 3.5" deep.

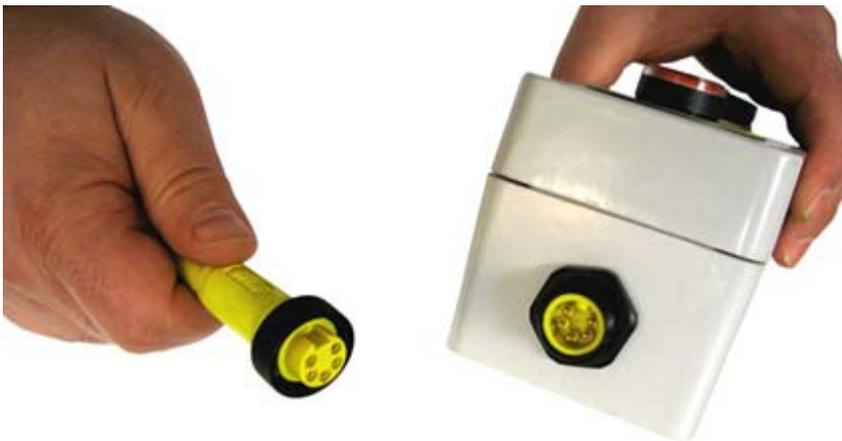
Control Box (Power Supply)

- 2 models available: 10 Pendants Max, or 33 Pendants Max.
- Uses 24 volts to reduce the risk of electrocution.
- LED lightbulbs have a lifespan of 100,000 hours. Spare bulbs are easy to replace.
- Epoxy powder-coated steel enclosure for maximum durability.
- 4 wall mount holes per box.
- model '10 Pendants Max' measures 9" wide x 6" deep x 12" tall.



Plug-&-Screw Pendant Cords

Plug n' screw cords allows an easy connection from one pendant to the next.



Cable Coupler



FEATURES

A powered pendant will communicate one of two possible signals to workers:

1) A steady GREEN light indicates the chute is functional and ready for use.



2) A blinking RED light means "Danger! Do not use the chute".



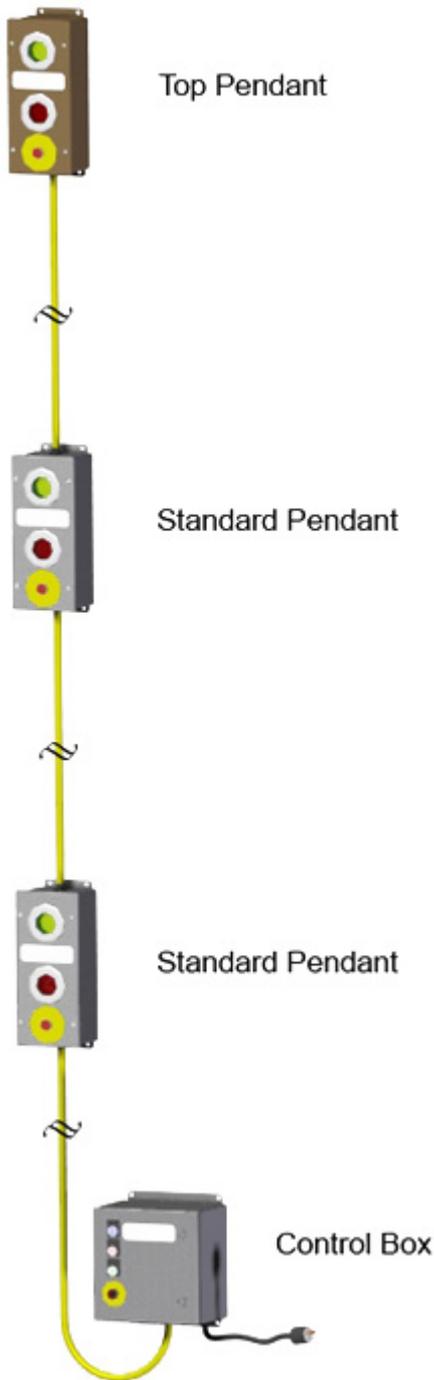
Easy access emergency stop button.



INSTALLATION

1. Connect the Control Box to an electrical outlet near the container.
2. Install a grey Standard Pendant next to each Door Section.
3. Install the yellow End-Of-Line Top Pendant next to the Top Hopper.
4. Link pendants using supplied 20' Yellow Cables . The yellow cables simply screw into each box.
5. If a longer cable is needed, link 2 or more cables together by means of a Coupler.

USAGE



1. The green light of every pendant is steady on when the system has power.

2. In the event of a problem with the chute, press the emergency stop button of the nearest pendant, or power supply.

3. This will cause the green light cluster to switch off, and the red light cluster to flash on all pendants.

4. In addition, the emergency stop button of the triggered pendant will light up & flash red.

5. Instruct workers beforehand, " If the pendants flash red, then:"

- Barricade the chute openings.
- Do not to use the chute at any entry level until the problem has been found & resolved.

6. Reset the system to green by releasing the emergency stop button of the trigger pendant.

7. The trigger pendant can be identified by the flashing red emergency stop button.

8. Any emergency stop buttons that were pressed on other pendants will also flash red, and must be released to reset the system to green.