TSE55-B Color Touchscreen

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⚠ WARNING

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Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved. For continued protection against shock hazard replace all covers and guards after field wiring is completed.

Risk of Fire and Electric Shock- Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker. WaveLinx Wired models may contain circuits from more than one power source.

Risk of Burn- Disconnect power and allow fixture to cool before handling or servicing.

Risk of Personal Injury- Due to sharp edges, handle with care. Always use at least two people when lifting and mounting heavy or large units

Failure to comply with these instructions may result in serious injury (including death) and property damage.

DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

IMPORTANT: Read carefully before installing fixture. Retain for future reference.

NOTICE: Fixture may become damaged and/or unstable if not installed properly.

Note: Specifications and dimensions subject to change without notice.

ATTENTION Receiving Department: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

NOTICE: If a room is wired for two circuits using two separate hot leads, it is very important to connect only one circuit per relay. Both circuits must be fed from the same phase.

NOTICE: Ensure that all modules are firmly seated on the DIN rails before beginning field wiring.

NOTICE: The high voltage supply should be fed to the cabinet via an external isolation breaker with sufficient capacity for the planned installation.

NOTICE: Ensure that the supply is fully isolated at an external breaker before opening doors. Test that power has been removed before starting to handle conductors.

NOTICE: Ensure that high voltage and low voltage wiring remains separate.

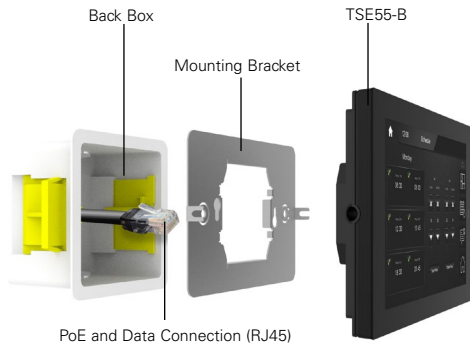**NOTICE:** All new wiring must be fully verified before applying power.

NOTICE: Designed for indoor installation and use only. Dry location rated. Do not mount on metal surface.

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Planning the Installation

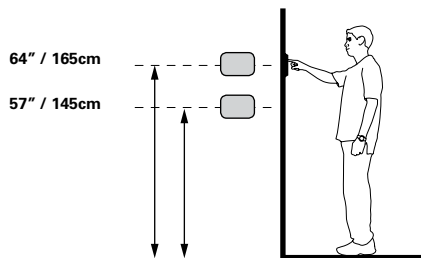TSE55-B is designed to be wall mounted or in either Portrait or Landscape orientation.

TSE55-B requires a minimum mounting depth of 1in (2.45cm) from the front wall surface plus room for cable/s. Power is supplied by Power Over Ethernet (PoE). PoE must meet the IEEE 802.3af standard. TSE55-B connects to the local network via a hard wired Ethernet connection.

Do not mount on metal surface.

Mounting Height

The recommend mounting height for the TSE55-B is 57 - 64in (145-165cm) above the finished floor to the center of the unit.
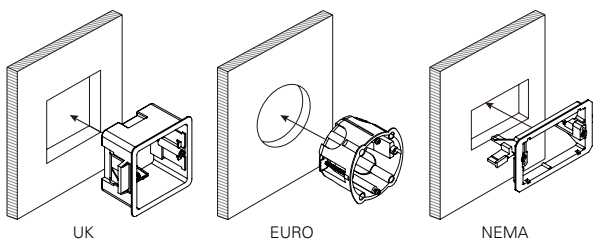

Installation

TSE55-B has been designed to mount to a Standard UK single gang back box, a standard European single gang back box as well as a standard US NEMA single gang back box. Minimum depth: 47mm

The mounting frame, included with this unit, should be attached to the back box using the screws supplied with the back box.
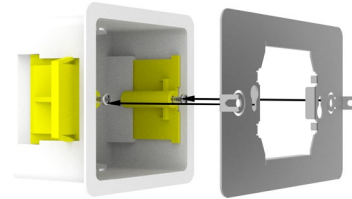
Do not mount on metal surface.

Installing Mounting Frame

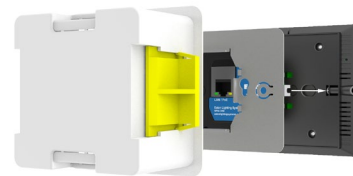TSE55-B includes a mounting frame that must be used for this installation.

Using the screws supplied with the backbox, mount the mounting bracket onto the back box

Mounting the TSE55-B

Align the mounting frame hooks with the TSE55-B mounting slots and gently push the TSE55-B unit onto the mounting bracket.

Make sure the mounting hooks are properly engaged.

Using a precision Phillips head screw driver, tighten the 2 captive screws (one at each side) to secure the TSE55-B to the mounting bracket.
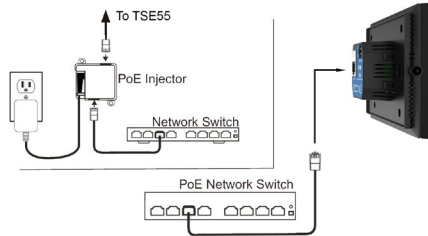
Power Connection

TSE55-B is designed to be powered over the Ethernet connection (PoE).

PoE Connection

PoE connection requires that IEEE 802.3af standard. Utilize a network switch or PoE injector that meets this standard.

Connect the TSE55-B using a standard CAT5E or CAT6 Ethernet cable from the network switch to the LAN/PoE jack on the back of the TSE55-B.

Connecting Ethernet

When not utilizing a PoE switch, it is recommended that you connect the TSE55-B to a network switch via a PoE injector.

Utilizing a standard CAT5E or CAT6 network Ethernet cable connect to the LAN/PoE jack.

Powering up the TSE55-B

Once connected to the power, TSE55-B can be set up via DHCP of Static IP configured via the settings page.

Removing the TSE55-B

Using a precision Philips head screw driver loosen the 2 captive screws on the TSE55-B and pull away from the mounting frame to disengage the unit.

Connecting to WaveLinx Wired

Ensure that the TSE55-B and the WaveLinx Wired accessory TSI-1-NA are on the same physical Ethernet Network and within the same IP address range. See the setup guide for information on setting IP addresses.

Specifications

Dimensions: 5.8″ (148mm) W x 3.42″ (87mm) H

Mounting depth: 0.86″ (22mm)

Display: 5.5″ (139.7mm Diagonal)

Resolution: 1280 x 720

Network: 10/100/1000 Ethernet

Connections: LAN/PoE RJ-45

Power Requirements: PoE - IEEE 802.3af,
13W maximum draw (@48 V 270 mA max)

Warranties and Limitation of Liability

Please refer to **www.cooperlighting.com** for our terms and conditions.