Clare Touchpanel Power Extension Kit CLR-CS-CHT-EXT-10 Installation Sheet

Last modified: 12/08/20

Description

The Clare Touchpanel Power Extension Kit provides a simple way to extend your touchpanel's power supply length up to 200ft. Follow the below instructions to extend the reach of your touchpanel.

Note: This kit replaces the original power supply.

Unpacking the extender kit

Remove all contents from the kit's packaging and ensure you have the following items.

- 1 × CC-18v12w - 18 volt 12 watt power supply with a custom snap wiring connector

- 1 × CC-18v-5v - 5 volt regulator cable assembly

Notes

- You will need a CAT 5 or better cable.

- An RJ-45 connector is not required, the kit is designed to snap onto the wires.

WARNING: You must follow the instructions below to extend your touchpanel's power supply. Failure to do so may result in bodily injury and/or damage to the equipment.

Installation

Select a location in the home for the touchpanel, and then install the extender kit.
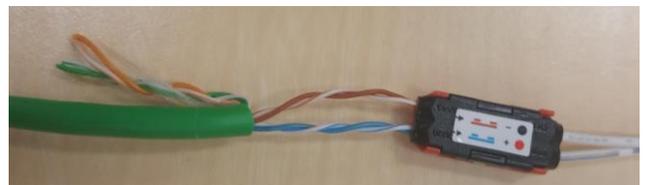
To install the device:

1. After selecting the mounting location of the panel, ensure there is a wall opening large enough to insert the CC-18v-5v cable assembly.

   We recommend no less than a ⅞ in. or 22 mm diameter opening in wall space.

2. Select the desired location for the power supply.

3. Run the CAT 5 cable from the panel mount location to the power supply.

4. Cut the shielding on the CAT 5 cable by ½ to ¾ in., inserting the four wires according to their marked colors into their power supply.

Figure 1: CAT5 connection at power supply

5. Press the clamps down until the tabs on the side click into place.

   WARNING: Not clamping the connector down properly could lead to improper/poor charging and damage to the panel.

6. At the panel mount location, cut the shielding on the CAT 5 by ½ to ¾ in., and then insert the four wires according to their marked colors into their corresponding connectors on the cable assembly.

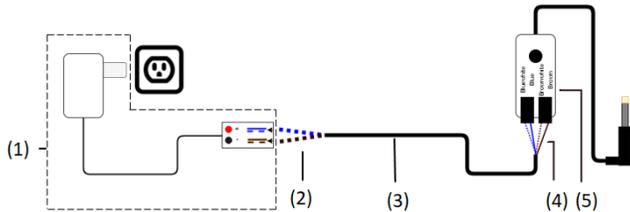**Figure 2: CAT5 connection at cable assembly**

7. Press the clamp down until the tabs on the side click into place.

> **WARNING:** Not clamping the connector down properly could lead to improper/poor charging and damage to the panel.

The charger is now fully functional.

Plug the charger into the wall and the cable assembly into the touchpanel, verifying that the screen turns on before making final changes or inserting the cable assembly into the wall.

Figure 3: Extender kit

(1) CC-18v12w

(2) CAT 5 connection to the CC-18v12w

(3) Cat 5 cable

(4) Cat 5 connection to the CC-18v-5v

(5) CC-18v-5v

Specifications

Power Supply (CC-18v12w)	
Input	Output
120 to 220 VAC 50/60 HZ	18 VDC up to 12 watts

Power Adapter (CC-18v-5v)	
Input	Output
12 to 18 VDC	5 VDC up to 10 watts

Operating environment	
Temperature	32 to 95°F (00 to 35°C)
Relative humidity	10 to 90% noncondensing
Altitude	1,500 m

Mechanical characteristics	
Power Supply (CC-18v12w)	White case with clamp on adapter
Power Adapter (CC-18v-5v)	White case with Phoenix Connector clamp connectors

Regulatory information

Manufacturer	Clare Controls, Llc. 7519 Pennsylvania Ave, Suite 104 Sarasota, FL 34243
UL rating	**UL60950**
FCC compliance	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
EU compliance	CE

Warranty information

Clare Controls offers a two (2) year limited warranty on original Clare Controls components, from the date of shipment from Clare Controls. To view complete limited warranty details, including limitations and exclusions, www.clarecontrols.com/warranty.

Scan the code to view product warranty details.

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