ClearOne.

Wall Mount Kit for Touch Panel Controller

Installation Guide

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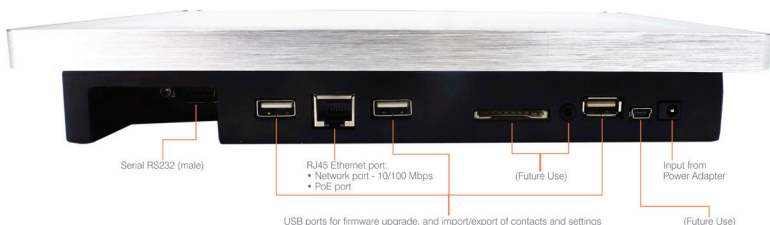
GETTING STARTED

Congratulations on purchasing your CONVERGE® Pro 2 (CP2) Touch Panel Controller. The ClearOne Touch Panel Controller is a highly intuitive 10-inch, touch-screen device designed for CP2, and allows users to control their audio conference, including managing contacts and placing and controlling calls.

> **IMPORTANT:** The Touch Panel Controller can only be used with CP2 systems. It is not compatible with first generation CONVERGE Pro systems.

The Touch Panel Controller connects with the CP2 through a RS232 port, Ethernet port, or Wi-Fi. Power for the Touch Panel Controller is supplied by a DC power supply, Power-Over-Ethernet (PoE), or P-Link connection.

Serial RS232 (male)

RJ45 Ethernet port:
• Network port - 10/100 Mbps
• PoE port

(Future Use)

Input from Power Adapter

USB ports for firmware upgrade, and import/export of contacts and settings

(Future Use)

For instruction on how to connect the Touch Panel Controller to CP2 in the ClearOne Dialer software and more, go to the ClearOne website:

http://www.clearone.com/resources#professional_audio

TOUCH PANEL CONTROLLER
SKUS USED

The following products or kits may be used in the Touch Panel Controller installation:

- 910-3200-501 Touch Panel Controller for CP2

- 910-3200-502 Tabletop Mount Kit

- **910-3200-503 Wall Mount Kit**

- 910-3200-504-50 Serial RS232 DB9 Male to Female cable – 50 ft.

- 910-3200-504-100 Serial RS232 DB9 Male to Female cable – 100 ft.

- 910-3200-505 Serial RS232 DB9 Female to Phoenix Euroblock Adapter – 1 ft.

- 910-001-004 PoE power supply for 1 device - 1 x PoE power supply, 1 x 6 ft. power cord, 2 x 25 ft. plenum rated CAT5e cables

- 910-3200-202 PoE power supply kit for 3 devices – 1 x PoE power supply, 1 x 6 ft. power cord, 2 x 25 ft. plenum rated CAT6 cables

- 910-3200-204-50 RJ45 CAT6, twisted pair, solid core, factory terminated, plenum rated cable – 50 ft.

- 910-3200-204-100 RJ45 CAT6, twisted pair, solid core, factory terminated, plenum rated cable – 100 ft.

- 910-3200-204-150 RJ45 CAT6, twisted pair, solid core, factory terminated, plenum rated cable – 150 ft.

- 910-3200-204-200 RJ45 CAT6, twisted pair, solid core, factory terminated, plenum rated cable – 200 ft.

CONNECTIONS

This section explains the connections made in Touch Panel Controller installations.

POWERING A TOUCH PANEL CONTROLLER

The Touch Panel Controller can be powered by:

- included power adapter

- standard PoE injector or PoE Ethernet switch

- P-Link from CP2 or other P-link device (carries only power)

COMMUNICATION CONNECTIONS

- RS232 – A Touch Panel Controller can connect to a CP2 or GPIO/USB expanders via serial RS232 cables, up to 150ft.

- Ethernet – A Touch Panel Controller can connect to a CP2 in an Ethernet network via a standard Ethernet switch, up to 300ft between the controller and switch.

- Wi-Fi – A Touch Panel Controller unit can be fitted with the included Wi-Fi antenna and configured to connect to a Wi-Fi network.

TOUCH PANEL CONTROLLER
WALL MOUNT INSTALLATION

Parts Received

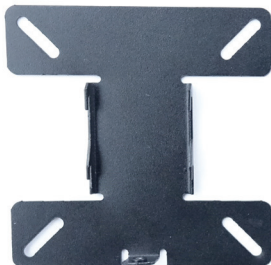The following parts are delivered with the Wall Mount Kit:

QTY 4
#8-15 x 1-1/2" wood screw

QTY 4
TPEN-10 anchor

QTY 4
Flat washer for #8 screw

QTY 1
Controller Mount Plate

QTY 1
Security Screw

QTY 1
Wall Mount Plate

Verify that you have all the parts required to complete your installation.

When you open the shipping package(s) for the first time, please check that all items purchased are included. If any of the items (according to your customer order) are missing or damaged, contact your ClearOne distributor immediately.

Tools Required

The following tools may be required for Wall Mount installation of the Touch Panel Controller. You will also need other tools for installing fasteners (not included in the kit) to hold the Wall Mount Plate to the wall where the Touch Panel Controller is to be installed.

#1 Phillips
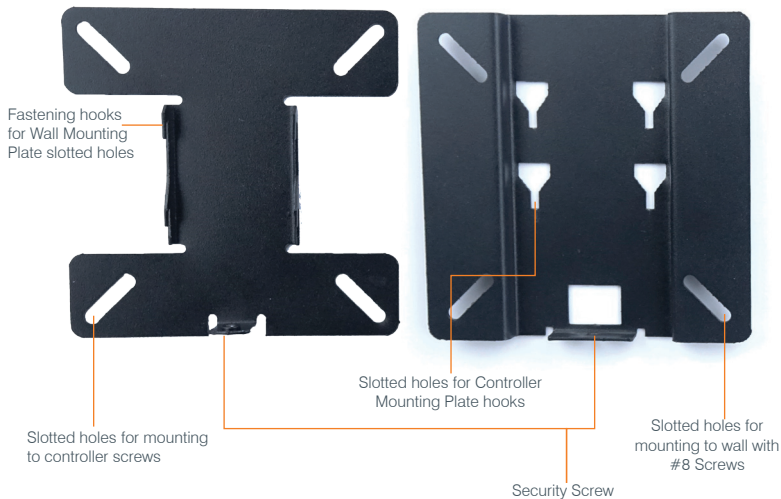screwdriver

TOUCH PANEL CONTROLLER

Wall Mounting Procedure

A wall-mounted Touch Panel Controller must be placed at eye level on a wall facing the intended conference participants.
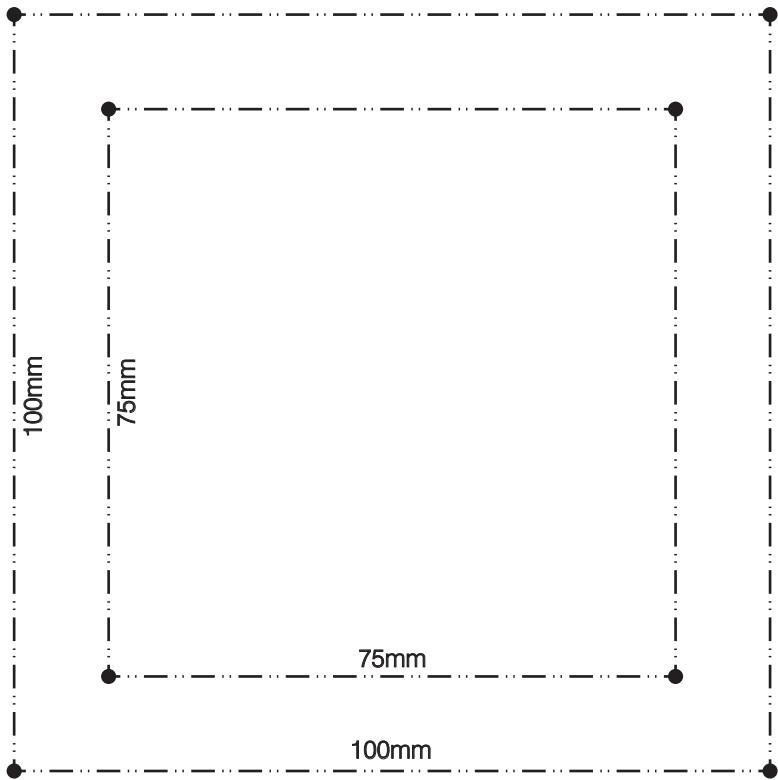
The Wall Mount Plate can be mounted to either a solid or hollow wall.

Controller Mounting Plate
To be attached to the Touch Panel Controller

Wall Mounting Plate
To be attached to the wall

Fastening hooks
for Wall Mounting
Plate slotted holes

Slotted holes for Controller
Mounting Plate hooks

Slotted holes for mounting
to controller screws

Slotted holes for
mounting to wall with
#8 Screws

Security Screw

Locate and mark for drill holes where the Wall Mounting Plate will attach to the wall. Use the following dimensions for the drill holes:
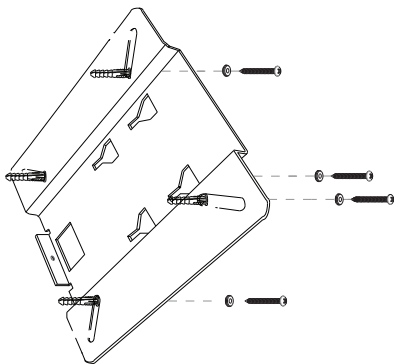
100mm

75mm

75mm

100mm

TOUCH PANEL CONTROLLER

NOTE: If you are using a third-party mount, you must use a standard VESA 75 mount (mounting holes are 75mm apart).

Drill holes to receive the anchors.

NOTE: Take care while drilling and installing the anchors so the wall material does not tear out and weaken the attachment.
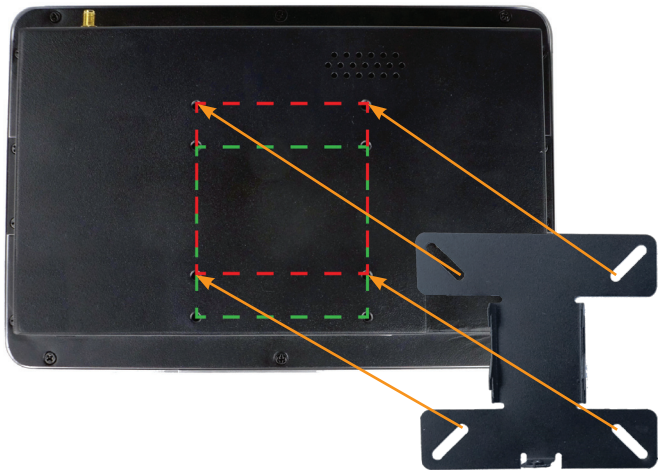
Attach the Wall Mount Plate to the wall with #8 screws, anchors, and washers included in the mount kit.

NOTE: The mount supports both 75mm x 75mm mounting and 100mm x 100mm mounting, but the Touch Panel Controller has only 75mm x 75mm screw holes for mounting.
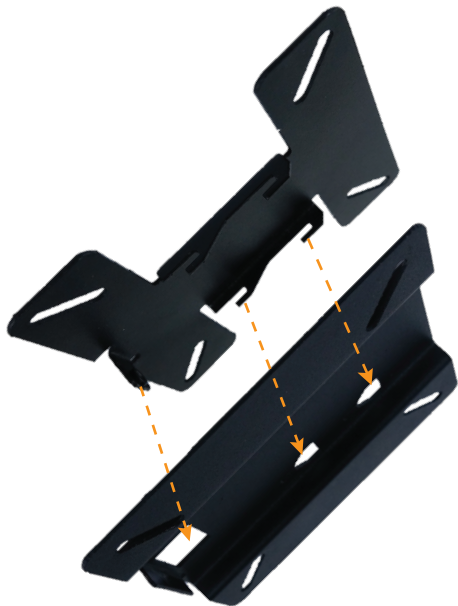
WALL MOUNT INSTALLATION GUIDE

Attach the Controller Mount Plate to back of the Touch Panel Controller with screws already in the Touch Panel Controller. You can adjust the position of the plate to be lower or higher on the controller, but ClearOne recommends installing the Wall Mount Plate on the upper set of threads (red outline).
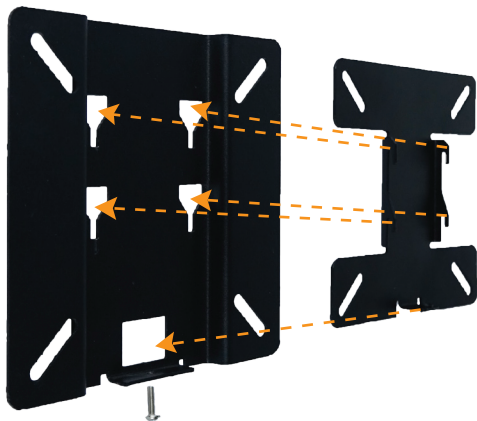

Notice that the Controller Mount Plate has four hooks used for mounting to the Wall Mount Plate. There are four slots designed for the hooks to pass through and fasten onto the Wall Mount Plate.

TOUCH PANEL CONTROLLER

Fasten the Controller Mount Plate (installed on the controller) onto the Wall Mount Plate with fastening hooks face down.

Insert the security screw into the hole securing the mount plates. Tighten the screw with the #1 Phillips screwdriver.
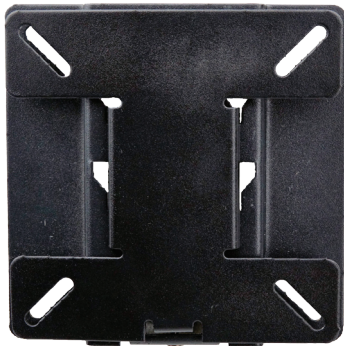

Assembled Wall Mount Bottom View

TOUCH PANEL CONTROLLER

Assembled Wall Mount
Wall Mount Side

Assembled Wall Mount
Controller Mount Side

Connect and route the RS232, Ethernet, and power cables from the controller as needed.

When the Wall mounting of the Touch Panel Controller is completed, use the built-in CONVERGE Pro 2 Dialer software to dial and control your CP2 devices.

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