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Control4 T4 Series Tabletop Touchscreens Installation Guide

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Control4 T4 Series Tabletop Touchscreens

Supported models

- C4-T4T8-xx 8″ Tabletop Touchscreen (black or white)
- C4-T4T10-xx 10″ Tabletop Touchscreen (black or white)

Introduction

The Control4® T4 Series Tabletop Touchscreens offer complete system control in an elegant, compact, and portable design. The touchscreens are equipped with a full capacitive screen, audio and video Intercom (with the built-in camera) using SIP, and

more.

This touchscreen can be located anywhere, and the convenient recharging station enables it to be used as either a tabletop or portable interface. The touchscreen uses an AC power adapter for power and Wi-Fi for network connectivity.

Note: 802.11b is not recommended for video intercom. We recommend using Wireless-N. See "Specifications" for more information.

Box contents

- Tabletop Touchscreen
- Recharging station
- Recharging station power cord

Accessories available for purchase

- Tabletop Permanent Mount Kit (C4-T4PMNT)
- T4 Touchscreen Tabletop 8″ Base (C4-T4TBS8)
- T4 Touchscreen Tabletop 10″ Base (C4-T4TBS10)

Warnings

- This product must be grounded in accordance with the National Electrical Code (NEC) requirements.
- Caution! Do not place the touchscreen near sources of heat or expose to direct sunlight for an extended time.
- Caution! This product generates heat. The room must have adequate ventilation or the ability to dissipate heat effectively.
- Caution! Use this product only in dry locations.
- Caution! Do not use pens or sharp objects to navigate or make selections on the touchscreen. To select an item or scroll through a list, use your fingertip.
- Caution! Improper use or installation can cause DAMAGE OF PROPERTY.
- Important! Using this product in a manner other than outlined in this document voids your warranty. Further, Control4 is NOT liable for any damage incurred with the misuse of this product. See "Warranty."

Specifications and requirements

Specifications

Model Numbers	C4-T4T10-BL, C4-T4T10-WH C4-T4T8-BL, C4-T4T8-WH
Screen	Resolution: 1920 × 1200 Capacitive touch Camera: 720p

Wireless network	802.11b/g/n 2.4 GHz
	802.11a/n/ac 5 GHz
	Security: WEP, WPA/WPA2 PSK, 802.1x EAP, PEAP
	Notes: (1) While technically the touchscreen can use 802.11b, 802.11b is not supported. (2) 802.11n is recommended for best performance. Even with 802.11n, broadcasting to several devices will degrade Video Intercom response time and images. Broadcasting to additional devices will further degrade performance. See "Wireless Network Limitations."
Power supply	100-240V AC, 50/60 Hz
	International adapters included
	Charging base connections: 5V DC power
Dimensions (W×H×D)	8″ Touchscreen: 178 × 130 × 19 mm (7.0 × 5.1 × 0.75″)
	8″ Base: 106 × 79 × 56 mm (4.17 × 3.11 × 2.21″)
	10″ Touchscreen: 245 × 172 × 23 mm (9.65 × 6.77 × 0.91″)
	10″ Base: 115 × 102 × 66 mm (4.53 × 4.02 × 2.60″)
Weight	8″ Touchscreen: 1.05 lb (0.47 kg)
	8″ Charging base: 1.4 lb (0.64 kg)
	10″ Touchscreen: 1.35 lb (0.60 kg)
	10″ Charging base: 1.05 lb (0.46 kg)

Operating temperature	0 to 40 ˚C (32 to 104 ˚F)

Storage temperature	-20 to 70 ˚C (-4 to 158 ˚F)

Requirements

- A controller fully installed and configured with Control4 OS 3.2.1 or newer.
- A wireless network (IEEE 802.11b/g/n) must be installed and available with a wireless access point (WAP). Security can be WEP, WPA/WPA2 PSK, 801.1x EAP, or PEAP.
- For AC power, you must have access to an AC power outlet (AC power adapter included).

Views

Front

A Camera LED
B Camera
C Light sensor
D Stereo microphones
E 8″ or 10″ diagonal, capacitive 1920 × 1200 display

Back (with charging station)

A Power button. Press to enter or exit battery saving mode, press and hold to turn off or restart, or press and hold for 10 seconds to power off.

B Reset pinhole. Press to reset, or press and hold to reset and restore factory defaults.

C Docking connector

D Volume buttons

E Speakers

F Charging station base

G 5V DC power connector

Touchscreen placement
Place the touchscreen's charging station on any level surface near a power outlet. For more information on mounting the touchscreen, see "Portable" under "Mounting options" below.

Note: Consider the angle of the touchscreen's camera and the sitting or standing position of the people who will use it while it's on the charging station.

Connect power and Wi-Fi

The touchscreen uses a Wi-Fi network connection, so it can be positioned anywhere in the home with a strong WiFi signal and access to a power outlet.

To connect power and Wi-Fi:

1. Place the touchscreen's charging station near a power outlet.
2. Connect the AC power adaptor to a power outlet and the charging station.
3. Make sure you have Wi-Fi working in the home.

If a home requires a large number of Wi-Fi video intercom devices, ensure that you have a robust Wi-Fi network (possibly consisting of multiple access points).

Connection notes: (1) Video Intercom. Although this device supports 802.11b/g/n, 802.11 b is not recommended for Video Intercom use. (2) We recommend Wireless-N for best performance.

Wireless network limitations: Many Wi-Fi access points handle Multicasts (Wi-Fi simultaneously sent to multiple devices, for example, when the touchscreen broadcasts video to all stations) by slowing down transmission speed to the 1 Mb basic rate. This can cause overall Wi-Fi congestion in the Wi-Fi network during the broadcast. Video Intercom response times and images may degrade at each device.

Connect to Wi-Fi
To set up Wi-Fi on the touchscreen:

1. After the touchscreen starts up, tap Network. The network configuration page opens.
2. Under Wi-Fi, tap or slide OFF/ON to enable Wi-Fi, then tap the Wi-Fi field to open a list of available networks.

3. Tap the network name you want to connect to.
4. Tap the Password field, then use the on-screen keyboard to type the password (if required).
   Note: If you need to enter a static IP address, follow the instructions under "To set a wireless static IP address" below before proceeding.
5. Tap Connect.

If you don't see the network you want:

1. Tap +, then tap the Network SSID field and type the SSID (name) of the network by using the on-screen keyboard.
2. Tap the Security field, then select the type of security to use.
3. Tap the Password field, then use the on-screen keyboard to type the password (if required).
   Note: If you need to enter a static IP address, follow the instructions under "To set a wireless static IP address" below before proceeding.
4. Tap Save. The new network is added to the bottom of the network list.

To set a wireless static IP address:

1. Scroll down and tap Show advanced options.
2. Tap IP settings, then tap Static.
3. Select each box one at a time and use the on-screen keyboard to type the:
   - IP address
   - Gateway
   - Network prefix length
   - DNS 1 (preferred)
   - DNS 2 (alternate)

Add and configure in Composer Pro
After the touchscreen is installed and appears on the home network, use Composer Pro to add it to the Control4 system and configure it.
Use the Composer Pro System Design and Connections views to add and configure this device.

To add and configure a T4 touchscreen to a project:

1. Add the T4 Tabletop Touchscreen driver to your project.
2. Identify the device to the project, select the touchscreen in Composer Pro's Connections > Network view, click Identify, then tap Identify on the touchscreen.
3. To configure the properties, select the touchscreen in the System Design view, then view and change the properties in the Properties pane as needed.

Properties include

- Network Connection—Reports the touchscreen's current network connection type.
- Back Light—Click the arrows or type numbers to set the light level, then click Set.

Advanced properties include
Enable Camera—Allows you to enable or disable the camera.

Intercom (nested under the touchscreen) properties:

- Appearance—Select to hide the touchscreen from appearing in Navigators as an available device.
- Behavior—Select the modes you want this touchscreen to support.
- Audio Control—Select the volume of individual audio settings.
- Sip Information—Information for integrating the touchscreen into your SIP/VoIP system.
- Custom Buttons—Select to enable and label the two available custom buttons.
- Alternate Camera—Select to use an external camera for the video associated with the touchscreen, for example, a security camera mounted to the side of the entrance and pointing at the door.

Mounting

Place the charging station on any level surface. While positioning the touchscreen, consider the angle of the touchscreen's camera and the position of the people who will use it while it's on the charging station.

Portable use
You can set the touchscreen onto the charging station for recharging and tabletop use, and lift the screen from the charging station for portable use (like a tablet).
Tip: For easy and smooth separation of the touchscreen from the charging station, slightly rotate the touchscreen while lifting it.
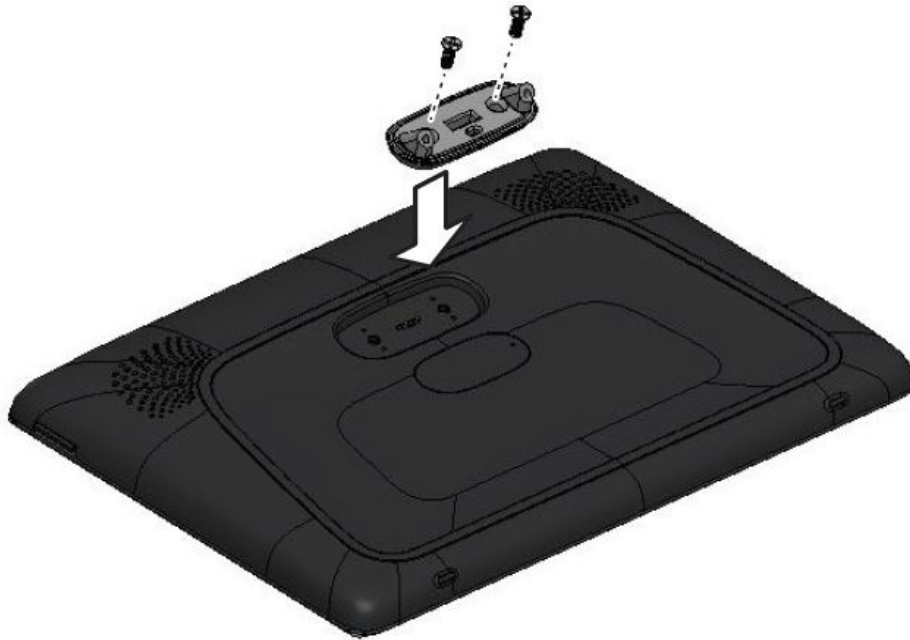
Permanent mount

You can mount a touchscreen permanently to a surface, such as a table, using the optional T4 Tabletop Permanent Mount Kit (C4-T4PMNT).

1. Peel off the plastic cover on the touchscreen's docking connector recess.
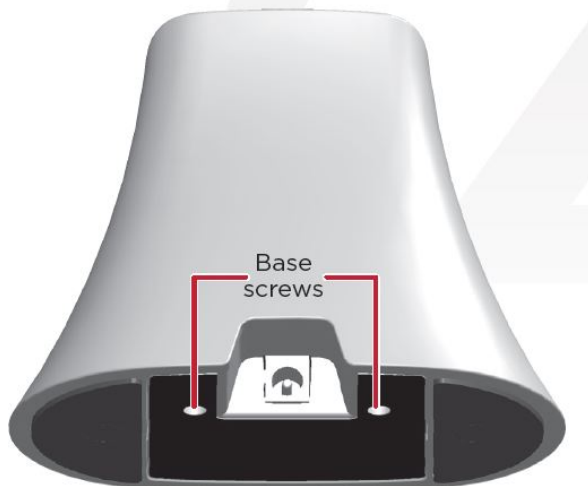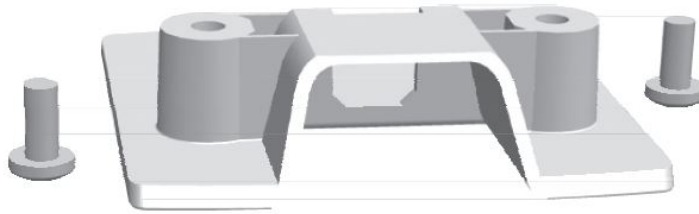

2. Use the Phillips-head flat screws provided in the kit to install the permanent-mount adapter into the touchscreen's docking
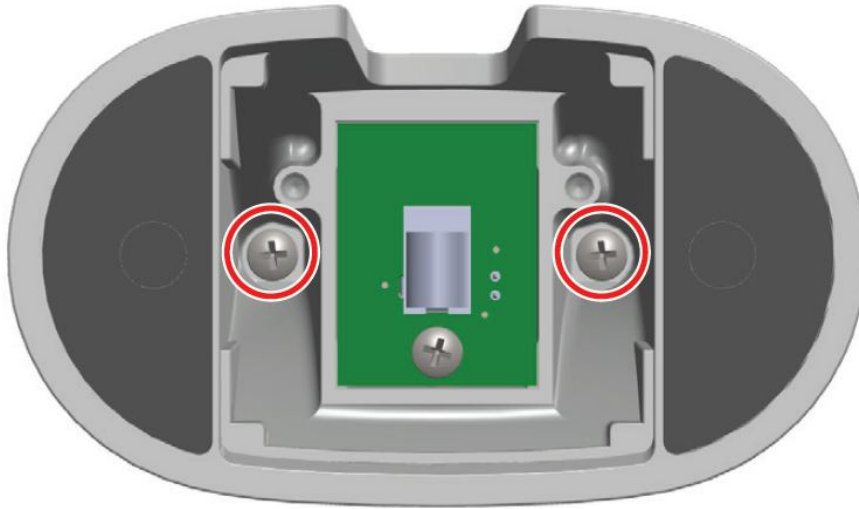

connector recess.

3. Remove the charging station's bottom cover by removing the two screws shown.

4. Save the cover and screws.
5. Using a #2 Phillips screwdriver inserted from the base of the charging station, remove the two screws that secure the charging station's top docking connector cover (do not remove the screw holding the PCB), then discard the two screws

   you removed.
6. Screw the base to the back of the touchscreen as shown using the new threaded, black screws provided. DO NOT ATTEMPT TO USE THE ORGINAL SCREWS REMOVED IN STEP 5 OR YOU WILL PERMANENTLY DAMAGE THE THREADS ON THE TOUCHSCREEN.
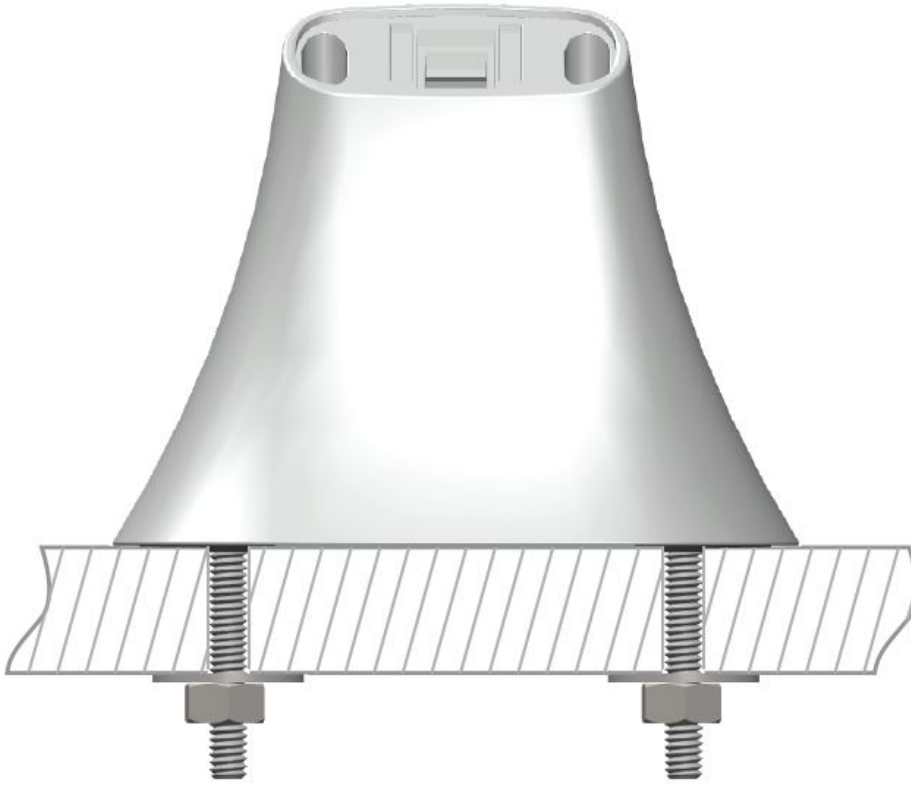

7. Reinstall the base bottom cover.
8. To install the charging station permanently into a table or countertop, remove the small rubber discs covering the threaded holes in the base.

9. Install the threaded posts (all thread) into the base of the charging station.

10. Using the template and a 1/4″ drill, drill two holes into the surface where you are mounting the touchscreen. Maximum surface thickness is 32 mm (1.25″).
11. Mount the charging station assembly into the mounting holes and secure it in place using a washer and nut.

Troubleshooting

To power cycle the touchscreen:

1. Press and hold the (power) button for several seconds until the touchscreen turns off.
2. Press and release the (power) button again to turn on.

To perform a factory data reset:

On the touchscreen's main screen, tap Settings, System Info, then Factory data reset.
– OR –
If the touchscreen has not yet been configured, tap About, then Factory data reset.
– OR –

To reset without using the display screen:

a Dock the touchscreen onto its charging station.
b Press and hold the volume up button while using a straightened paper clip to press and release the reset button.
c Keep holding down the volume up button until the icon below appears on the screen, then release the button.
d A message appears, indicating that data is being erased.

Additional resources

The following resources are available for more support.

- Knowledgebase and forums on Tech Community
- Technical Support
- Control4 website: **www.control4.com**
- Composer documentation available at ctrl4.co/docs

Warranty and legal notices

Find details of this product's 2-Year Limited Warranty at **snapav.com/warranty**, or request a paper copy from Customer Service at (866) 424-4489. Find other legal resources, such as
regulatory notices and patent information, at **snapav.com/legal**

More help

For the latest version of this document, open this URL or scan the QR code on a device that can view PDFs.

control4.com | 888.400.4070

Documents / Resources

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