

# Wireless Touch Screen – 10.5"

Setup Guide



Control <sup>®</sup>  
Everyday Easy™

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Wireless Touch Screen—10.5" Setup Guide  
Part Number: 200-00045 Rev A  
Hardware Model Number: C4-TSM10-G-B (Battery: C4-BAT 10.52-B)

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PREFACE

About This Guide

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Graphical Symbols in this Guide

Warning, Caution, Note, and Tip paragraphs draw your attention to important safe practices and additional information which may help you avoid injury, death, or loss of material or time.



**WARNING!** This indicates a potentially hazardous situation that, if not avoided, may result in death or serious injury. **DO NOT IGNORE A WARNING!**



**CAUTION!** This indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. **DO NOT IGNORE A CAUTION!**



**NOTE:** This indicates a note on related information about the current topic.



**TIP:** This indicates a tip that may save you time or effort.

Additional Resources

The following resources are available to provide you with additional support.

- ▶ *Your authorized Control4 representative or reseller.*
- ▶ Control4 Web Site: <http://www.Control4.com>

## CHAPTER 1 Introducing Wireless Touch Screen

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### Safety Instructions

The safety information for the Control4<sup>®</sup> Wireless Touch Screen is:



**CAUTION!** To avoid bodily harm, understand and follow these safety precautions before operating the Control4 Wireless Touch Screen:

- ▶ Using worn-out or damaged power cords may result in electric shock or fire.
- ▶ Always contact an authorized Control4 service provider for assistance if any repair or adjustment is required.



**WARNING!** To avoid data loss or equipment damage, understand and follow these safety precautions before operating the Control4 Wireless Touch Screen:

- ▶ Always use standard battery packs supplied with the Control4 Wireless Touch Screen. Other battery packs may have different specifications and may cause damage to the touch screen.
- ▶ Do not allow the battery pack to contact other metal objects.
- ▶ Do not use or place the touch screen near sources of heat or expose it to direct sunlight for an extended period of time. Store it in a cool and dry place.
- ▶ Do not use pens or sharp objects to write on the screen.

## Role in a Control4 System

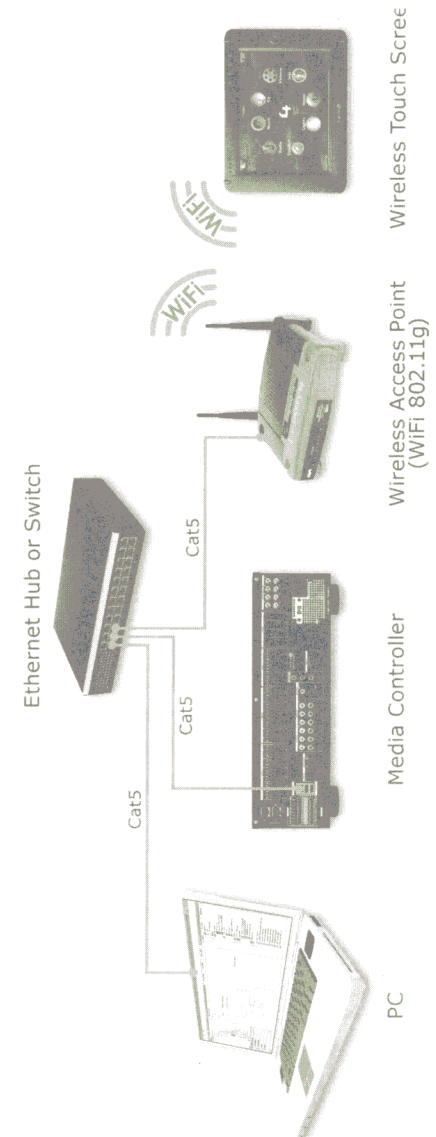
An essential component in every home control system is a system navigation method that allows users to communicate with the system. Control4 offers a variety of navigation options for every room, including this Control4 Wireless Touch Screen, which ships with Control4 Navigator software pre-installed.



**NOTE:** For a complete list of supported devices, see "Products" at <http://www.Control4.com>

The Wireless Touch Screen requires a WiFi (802.11b/g) wireless access point (WAP) to communicate to the home network. For example, here is a typical network configuration for using the Wireless Touch Screen with a Control4 Media Controller.

**Figure 1-1.** Sample Wireless Access Point Setup

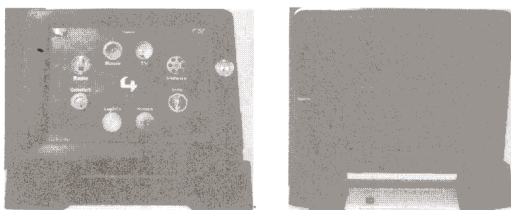


## What's in the Box

Carefully unpack the Control4 Wireless Touch Screen from the box and ensure the following items are included in the box. Contact your authorized reseller immediately if you find any missing or damaged component.

- ▶ Control4 Wireless Touch Screen (model #C4-TSM10-G-B), which comes with Control4 Navigator software preinstalled.
- ▶ AC Adapter
- ▶ AC Power Cord
- ▶ Battery Pack (model #C4-BAT10.52-B)
- ▶ Table Dock (model #C4-10.5TC2-B)

## Accessories Available



- ▶ Touch Screen Tabletop Dock - 10.5 (model # C4-10.5TC2-B shown above)
- ▶ Additional Battery Pack (model # C4-BAT10.52-B)

## About the Wireless Touch Screen

This Control4 product is a 10.5 inch mobile flat panel.

**Figure 1-2. Control4 Wireless Touch Screen - 10.5**



**NOTE:** There are a variety of navigation interfaces for Control4 system users. For a complete list, contact a Control4-authorized reseller.

## Specifications

For the Control4 Wireless Touch Screen - 10.5 specifications, see Table 1-1.

**Table 1-1. Hardware Specifications**

Processor	- AMD embedded processor: LX 800
Core Logic	- South Bridge: CS 5536 chipset
Memory	- 256 MB
BIOS ROM	- 512KB flash with boot block or above
Mass Storage	- 512MB
Panel	- 10.4 inch XGA Color LCD Module. - Resolution: 1024 x 768 - Luminance: Typ. 230 cd/m2 (AU) (Option: 170 cd/m2 (Toshiba) ) Contrast Ratio: Typ. 500:1
Touch Screen	- Touch Screen with Stylus Pen
Wireless	- Built In IEEE802.11b/g Wireless LAN - Integral Antenna (b/g supported)
Button	- Analog type
Audio	- AC-97 Rev 2.3 Compliant (current: AC-97 Rev 2.1 Compliant) - Internal 1W Speakers (Mono) x 1 - Internal Microphone (Mono) x 1
External I/O Connectors	- USB 2.0 Type A x2 - Card slot : PCMCIA Type-II (Card Bus type) x 1 - Audio : Headphone terminal , Microphone terminal
User Indicators	- Power On/Off - Battery State - RF Intensity
Main Battery	- 3hr
Backup Battery	- Type : Rechargeable Ni-MH battery, 40mAh, 7.2V - Backup time : About 30min ( system in suspend mode) - Charging time : About 12hrs
RTC Battery	- Type : Rechargeable Li-battery, 100mAh, 3V
Power	- Li-ion Battery pack , AC adapter - Worldwide EMI and Safety Approvals
Environment	- Operation Temp.:0 to 40 deg. cent., Humidity: 15 to 85% - Storage Temp. : -20 to 60 deg. cent., Humidity:15 to 85% - IP53 certification for water repellent capability
Certification	- Terminal : FCC , CE , UL, C-TICK - AC adapter : Electrical appliance and Material Safety Law
Dimension ( W x L x H )	- 290 x 220 x 31 (min.) mm - 11.42" x 8.66" x 1.22" (min.)
Weight	- 1.5 Kg

*Front View*



- |                              |                        |
|------------------------------|------------------------|
| 1. Power On/Off Indicator    | 6. Programmable Button |
| 2. Battery State Indicator   | 7. Programmable Button |
| 3. WiFi Connection Indicator | 8. Direction Key       |
| 4. Programmable Button       | 9. Selection Button    |
| 5. Programmable Button       | 10. Touch Screen       |

**LEDs:** The LEDs indicate the status of the power supply, battery charge, and WiFi signal strength. See Table 1-2.

**Table 1-2. Color Indication for LEDs**

Color	Power LED	Battery Charge LED	WiFi Signal Strength LED
Off	Power Off or Suspend Mode	Not Charging	No signal
Green	Power On	Fully Charged	Excellent
Amber	Low Battery (8%)	Charging	Good
Red	Extremely Low Battery (Auto Suspend) (4%)	N/A	Very Low

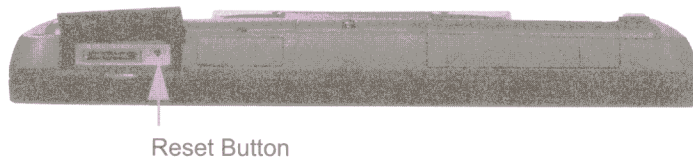


**NOTE:** When the battery power is critically low (i.e. battery capacity is at 4% or lower), the device can still be turned on as long as the AC adapter is plugged in.

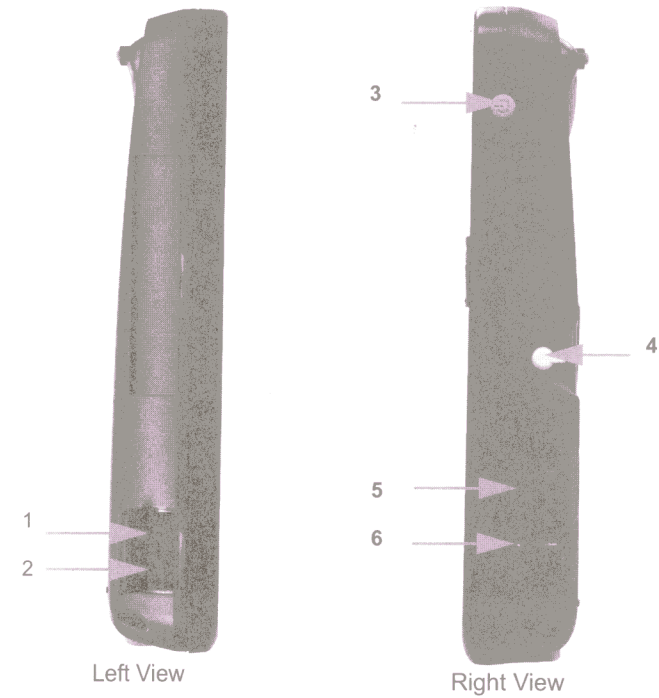
**Direction Key:** Use this cursor control to move the highlighter around the screen (up, down, right, and left).

**Touch Screen:** Use this screen to perform operations and input data by touching the screen (no stylus required)

*Top View*



### *Left and Right Views*

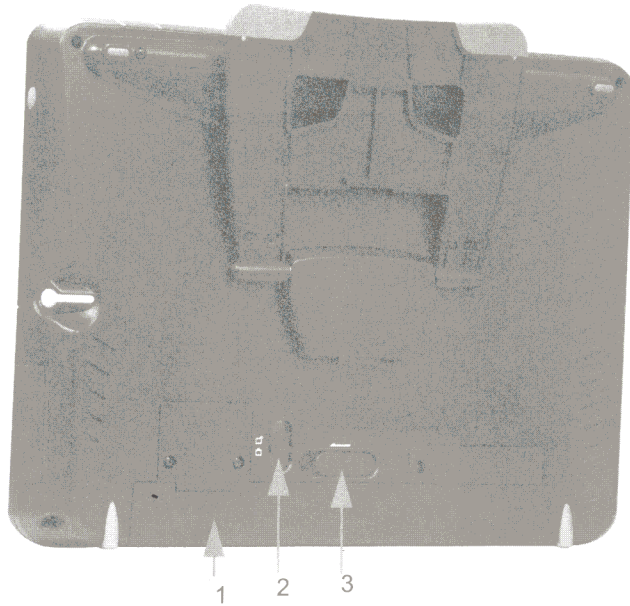


1. **Headphone Jack**
2. **Microphone Jack**
3. **Power Button:** Used to turn on, shut down, or place in Suspend mode. To turn on or shut down, press and hold for more than four seconds. To place in Suspend mode, quickly tap and release. To resume operation from Suspend mode, tap again. Without the main battery pack, the device cannot be turned on.
4. **Stylus:** Can be used to press Reset.
5. **USB port**
6. **DC-In Jack Input:** For the AC adapter power supply.



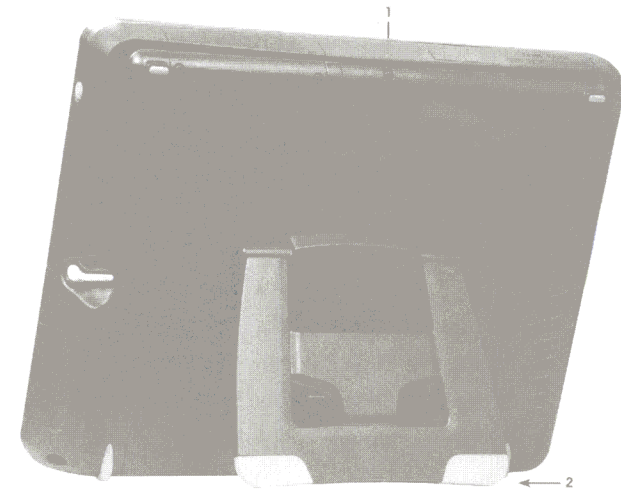
## Back View

View 1: Stand Up



1. Battery Pack
2. Battery Lock
3. Battery Release Latch

View 2: Stand Down



1. Backup Battery Cover
2. Stand

## Modes

The Wireless Touch Screen has four modes: Off, Wake, Sleep (Stand-By), and Suspend.

- ▶ **Off** is when screen is dark and Power LED is NOT lit. To power up, press the power button. To power down, press and hold the power button for more than four seconds.
- ▶ **Wake** is when the screen displays anything other than a screensaver.
- ▶ **Sleep (or Stand By)** is when screen is dark or running a screensaver, but wakes up when touched.
- ▶ **Suspend** is when screen is dark and Power LED is lit. Quickly tap and release the power button to put the Touch Screen into Suspend mode. Retap the power button to resume operation.

## CHAPTER 2 Setting Up Wireless Touch Screen

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Use this chapter as a guide to setting up the Control4 Wireless Touch Screen in your Control4® home automation system.

Topics covered here include:

- ▶ “Requirements” on page 15
- ▶ “Install Battery Components” on page 16
- ▶ “Connect to Power Supply” on page 18
- ▶ “Calibrate the Touch Screen” on page 19
- ▶ “Set Network Settings” on page 19

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### Requirements

The Wireless Touch Screen - 10.5 requirements are:

- ❑ A network WiFi (802.11b/g) wireless access point (WAP) already configured to communicate with a Control4 controller, (such as Media Controller). See the control4.com web site for recommended WAP models.
- ❑ Obtain the following wireless network information:
  - ❑ **SSID** — The Service Set Identifier of the WiFi WAP.
  - ❑ **WEP Key (if enabled)** — The Wired Equivalent Privacy key, which may have been enabled for WiFi Network Security.
  - ❑ **IP Addressing Requirements** — The default setting is DHCP (with dynamic addresses). When required to use a static IP address, provide a network IP address for this device.