

touchCUE-7-B

7" Wired Built-In Touch Panel



Main Features

- Edge-to-edge front glass
- Slim aluminium unibody enclosure
- 7" a-Si TFT touch screen display with wide viewing angles
- Resolution 1 280 x 800 pixels
- Pixel density 216 ppi
- Display colors 32-bit (True Color)
- Projected capacitive touch overlay
- Video preview
- Single cable Ethernet connection
- Power over Ethernet power supply
- Built-in microphone, speakers, light and proximity sensors
- Compatible with European/UK 1-gang electrical boxes
- No special back box needed

Description

The touchCUE-7-B is wired built-in touch panel offering clean modern design with edge-to-edge front glass and sleek aluminium body. It is ideal front-end for any wall, lectern or furniture built-in applications. Fully compatible with CUE controllers and interfaces, this touch panel provides the ultimate one-touch solution for meeting rooms, conference rooms, boardrooms and high-tech homes.

The 7" active matrix touch screen display offers resolution 1 280 x 800 pixels and it produces stunning true color images. Touch panel is equipped with projected capacitive touch overlay. Single cable Ethernet connection provides easy network integration. The touch panel is equipped with Power over Ethernet (PoE) technology enabling an Ethernet network cable to deliver both data and power.

The touch panel installs easily over a 1-gang standard European/UK electrical box. It can also be attached directly to drywall and other surfaces over the front of cutout. When installed it protrudes only 13 mm from the mounting surface.

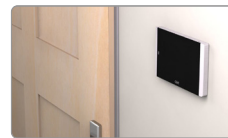
Installation



1. Install the wall adapter to the wall box using two screws.



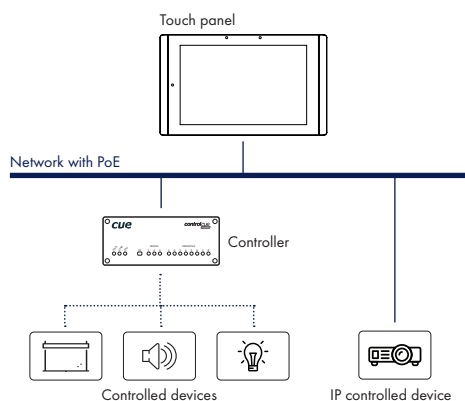
2. Install touch panel on the wall adapter.



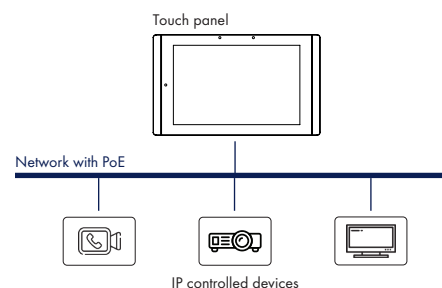
3. Fix touch panel to the wall adapter using screw.

Application Diagrams

The following diagram describes the use of touch panel with controller and IP interfaces. In this case the touch panel serves as graphic user interface only.



The following diagram describes the use of touch panel with IP interfaces only. This configuration allows to create cost effective distributed control solution where touch panel serves as controller and graphic user interface in one box. In Cue Visual Composer touch panels and controllers are programmed in the same way, which makes possible to use touch panels as fully functional control units.



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Specifications

Touch-screen display

- Color a-Si TFT LCD with LED backlight
- Size 7" / 177.8 mm diagonal, wide screen
- Resolution 1 280 x 800 pixels
- Display colors 32-bit (True Color)
- Transparency 8-bit Alpha blending
- White luminance 400 cd/m²
- Response time 20 ms
- Contrast ratio 800 : 1
- Pixel pitch 0.116 x 0.116 mm
- Pixel density 216 ppi
- Viewing angle $\pm 80^\circ$ horizontal, $\pm 80^\circ$ vertical
- Projected capacitive touch overlay
- Edge-to-edge glass

Built-in sensors

- Light sensor for automatic backlight dimming
- Proximity sensor for automatic backlight switching on

Buttons

- System Default

Memory

- 512 MB RAM
- microSD Card min. 8 GB

Software

- XPL² runtime for application created in Cue Visual Composer
- Admin Web for setup

Video

- Streaming video preview
- Formats: MJPEG, H.264

Audio

- Built-in microphone
- Built-in speakers

Network

- 10/100 BaseT LAN, RJ-45 connector
- 802.1X authentication mechanism supported
- Proxy Server support

Power supply

- Power over Ethernet (PoE), 802.3af / Class 0 compatible
- Power consumption
 - 1.8 W - screen saver mode
 - 3.8 W - default brightness 70%
 - 5.2 W - brightness 100%

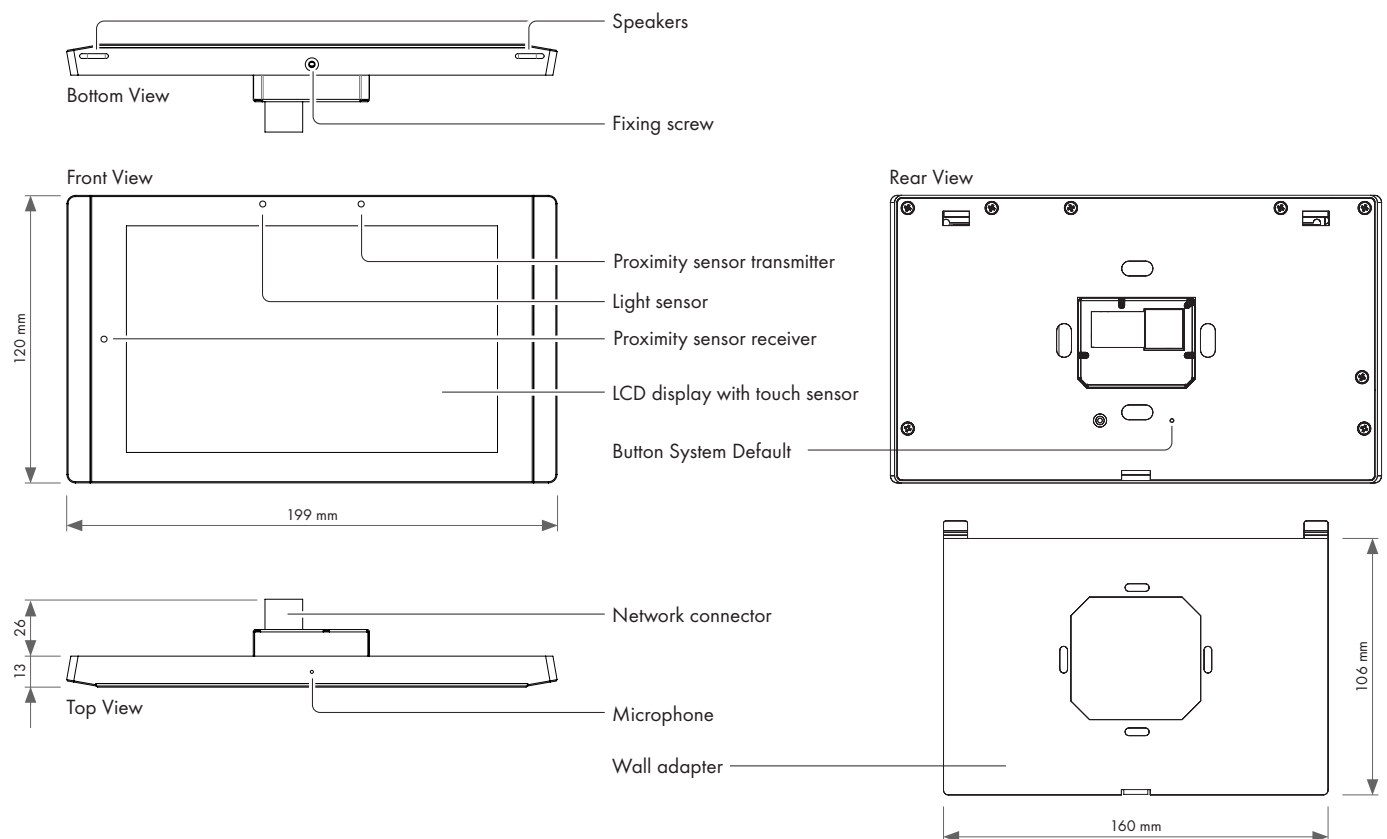
Physical

- Sleek aluminium body, edge-to-edge front glass
- Compatible with standard European/UK 1-gang electrical boxes
- Protection IP30
- Dimensions 199 x 120 x 39 mm / 7.8" x 4.7" x 1.5"
- Weight 0.6 kg / 1.3 lb

Environment conditions

- Operating temperature 10° to 40° C
- Storage temperature 0° to 60° C
- Relative humidity 10% to 90% non-condensing

Mechanical Description



Box Contents

Touch panel touchCUE-7-B
Wall adapter incl. screws
Fixing screw

Ethernet cable
Cleaning tissue
Quick Start

Order Information

Product code CS0452