KX2 - 2.8" In-Wall Touchpanel Keypad

The KX2 in-wall touchpanel has a clean, sleek design with twelve programmable hard buttons and a 2.8" color touchscreen. The hard buttons and graphic interface are fully programmable using RTI's Integration Designer® software for full control of electronics throughout the building. A built-in infrared output port allows direct control or get two-way control when used with an RTI XP series control processor. In addition, the unit's integrated 10/100Base-T Ethernet port with Power-over-Ethernet (POE) provides the flexibility to accommodate any installation.

Key Features

• Fully customizable 2.8" touchscreen display and twelve assignable/programmable buttons.

• QVGA resolution (240w x 320h) TFT LCD to display custom buttons, text and graphics.

• Integrated 10/100Base-T Ethernet port with Power-over-Ethernet.

• IR output drives up to 1000 feet of wire.

• Proximity sensor automatically wakes the unit up when approached by the user and an ambient light sensor adjusts the brightness.

• Integrated mounting wings for easy installation in retrofit installs.

• Fits in a 4"x4" square electrical junction box (See important information reverse side of this page).**

• Ships with stylish, low-profile white bezel - bezels also available in black, light almond and brushed aluminum.

• Optional modules/processors for voltage sensing, relays and advanced two-way control.

• USB and Ethernet programming.

Included in the Box

KX2, Bezel (white), interchangeable key set (12 keys), mounting wings (2), screws (4), drywall template

Additional Bezel Options

Black Bezel

Brushed Aluminum Bezel

Specifications

Power .... +9VDC to +16VDC, 1A max

Power Management .... Adjustable backlight brightness. .... Ambient light sensor, proximity sensor

Touchscreen Display..................... High-brightness color TFT LCD .... QVGA (240w x 320h pixels) with 65K colors ....Integrated high-resolution resistive touchscreen

Display Size.. 2.8" (71mm) diagonal

Display Backlight .... LED Backlit, 200nit

Infrared Output .... Through control port, 200mA output .... Drives up to 1000 ft (300 m) of wire

Ethernet Port................10/100 Base-T with Power-over-Ethernet

Operating Temperature .... +32°F to +122°F (0°C to +50°C)

Operating Humidity .... 5% to 95% Non-condensing

System Memory...............32MBytes Flash (non-volatile) memory

Device Capability .... Total number of devices is ....limited only by memory

Macro Capability......................Unlimited steps in a single macro. .... Total number of macros is limited only .... by memory. Macro capability on every button

Communications .... USB programming port

Audio ....Beeper

Enclosure .... High-impact molded ABS plastic

Mounting ....Integrated mounting wings, ... or screws through front bezel

Front Plate Dimensions (H x W) ....4.4 in x 4.6 in .... 112mm x 117mm

NOTES:
• A dual gang outlet box will NOT work.
• The KX2 has .38" thick corner tabs, making the KX2 protrude .38" from the front edge of the junction box. Therefore, the electrical box should be mounted flush with the wall stud. Typically wall sheeting materials like drywall are ½" or thicker, allowing the KX2 to be flush with the wall sheeting. If the wall sheeting is thinner than .38", the junction box will need to be mounted set back.
• Use #8 – 32 flat head screws.
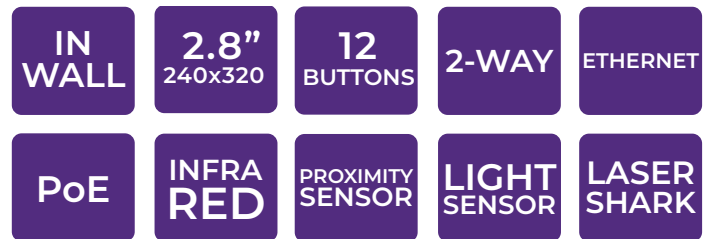• Box should be 1.5" minimum depth.

The KX2 hard buttons (12) may be custom laser etched using the RTI Laser Shark service.

Laser Shark® Compatible

Installation Cut-Out (H x W) ....3.789 in x 3.789 in .... 96.5mm x 96.5mm

Total Depth in Wall................................1.2 in (31mm) Plus cables

Weight ....7.5 oz (212g)

Warranty .... Three Years (Parts & Labor)

All Specifications subject to change without notice.

** The KX2 uses a standard 4"x 4" electrical junction box. These should be available at most hardware stores or electrical supply stores online (ex. Grainger.com).

Features

| IN WALL | 2.8" 240x320 | 12 BUTTONS | 2-WAY | ETHERNET |
| PoE | INFRA RED | PROXIMITY SENSOR | LIGHT SENSOR | LASER SHARK |

Do more with Integration Designer 11

Integration Designer 11 elevates the experience for all RTI systems, from residential to commercial. Its stunning new template - complete with custom slider support, one-click background swapping and more - makes it faster than ever to deliver a beautiful finish to every installation. Drivers are directly accessible from within the software, with notifications to keep you always up to date. The integrated system manager lets you track rooms, rooms status, and source status to save time on every installation. All this and more in Integration Designer 11.