PK5590CL Color Touchscreen Security Interface

Installation Guide

Touch-sensitive Colour LCD Display. Compatible on partition 1 of single-partition PowerSeries control panels.

The PK5590CL Touchscreen is a touch-sensitive color LCD Interface. This keypad provides interactive operation for the User of PowerSeries alarm panels (programmed for partition 1).

IMPORTANT:

- **Alarm Panel programming must be performed with a PowerSeries Keypad. The PK5590CL is intended for User programming functions and operations.**

- **This Installation Guide shall be used in conjunction with the CONTROL PANEL Installation Manual to which this equipment is connected.**

- **This device is powered from a Limited Power supply. The wiring and/or cables used to connect the PK5590CL Touchscreen shall be insulated with PVC, TFE, PTFE, FEP, neoprene or polyimide.**

- **Refer to the associated User Guide and Alarm Panel installation manual for additional information.**

Specifications

```
Operating Voltage Range .............................. 9.5 - 24.0 VDC
Current Consumption ................................... 320 mA (max.)
Operating Temperature Range ........ 14°-122°F(-10°+50°C)
Humidity ........................... 85%, RH non-condensing (max)
```

Installation

1. Select a mounting location in the drywall between two studs. Ensure that there is at least 1.5" clearance from the outer edge of the back box and the nearest stud.

2. Cut a hole in the drywall using the template provided (Fig 3).

3. Route the 4-conductor keybus wire out from the wall.

NOTE: Use 22AWG wire only (9.5VDC min. required for Touchscreen).

4. Connect the Programming Keypad (PK5500) to the keybus and program Panel as indicated (see Programming). Do **NOT** remove the keypad when programming is completed.

5. Remove the front bezel from the PK5590CL. Insert a small slotted screwdriver between the cover and plastic backplate and gently pry apart exposing screws for the drywall tabs.

6. Enter **[✱][8]** Installer Code **[902]**. Quickly remove Programming Keypad and install the PK5590CL described in Step 7 (This must be done within 30 seconds.

7. Connect the four Keybus wires to the terminals on the back of the unit in the locations indicated.

8. Position the unit in the wall cut out and secure using the two mounting screws and drywall tabs.

9. Replace the front bezel by snapping in place.

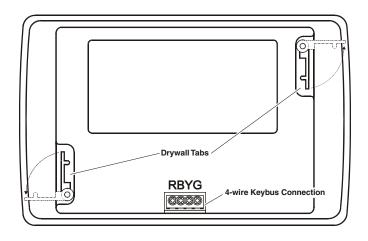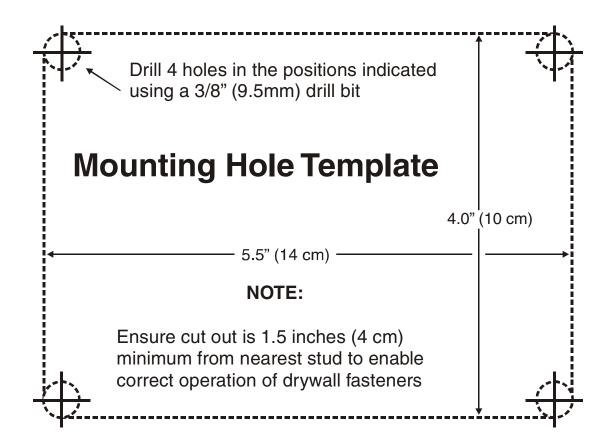10. Verify Correct Operation. Refer to the PK5590CL User Guide.

Figure 1, Front View

Out of the Box

- ☐ Touch Panel Display .... Qty 1
- ☐ User Guide .... Qty 1
- ☐ This Installation Guide .... Qty 1

Figure 2, Back View

NOTE:
Auto-arming is not supported on this command output panel.
Function Key 1 is used for Output Command 1, Function Key 2 is used for Command Output 2.

Figure 3 Mounting Hole Template

Mounting Hole Template

Drill 4 holes in the positions indicated using a 3/8" (9.5mm) drill bit

4.0" (10 cm)

5.5" (14 cm)

NOTE:

Ensure cut out is 1.5 inches (4 cm) minimum from nearest stud to enable correct operation of drywall fasteners