

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.

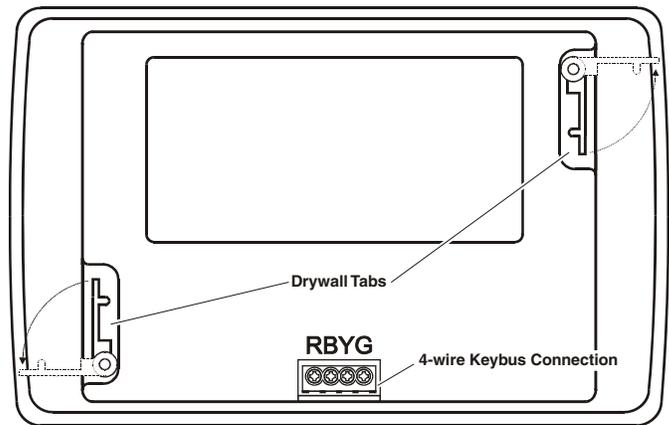
Figure 1, Front View



Out of the Box

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

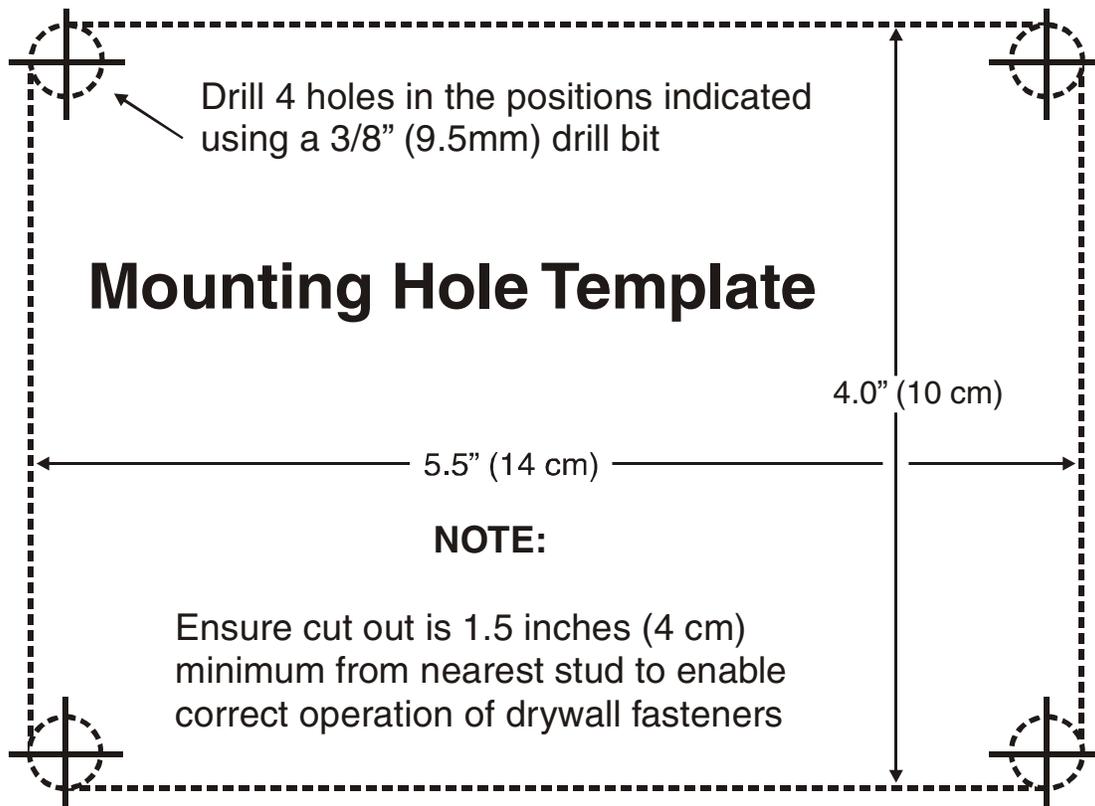
Figure 2, Back View



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



FCC Compliance Statement

Caution: Changes or modifications not expressly approved by Digital Security Controls could void your authority to use this equipment.

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC helpful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock # 004-000-00345-4.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Limited Warranty

Digital Security Controls warrants that for a period of 12 months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. Digital Security Controls neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning: Digital Security Controls recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

Important Information: Changes or modifications not expressly approved by Digital Security Controls could void the user's authority to operate this equipment.

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