

Installation Manual

For Wander Control Systems Designed

KP-1, KP-2, & EscortR ONLY

(Accessories for Platinum 3, Platinum 3B,
& Sentry Door Control Systems)



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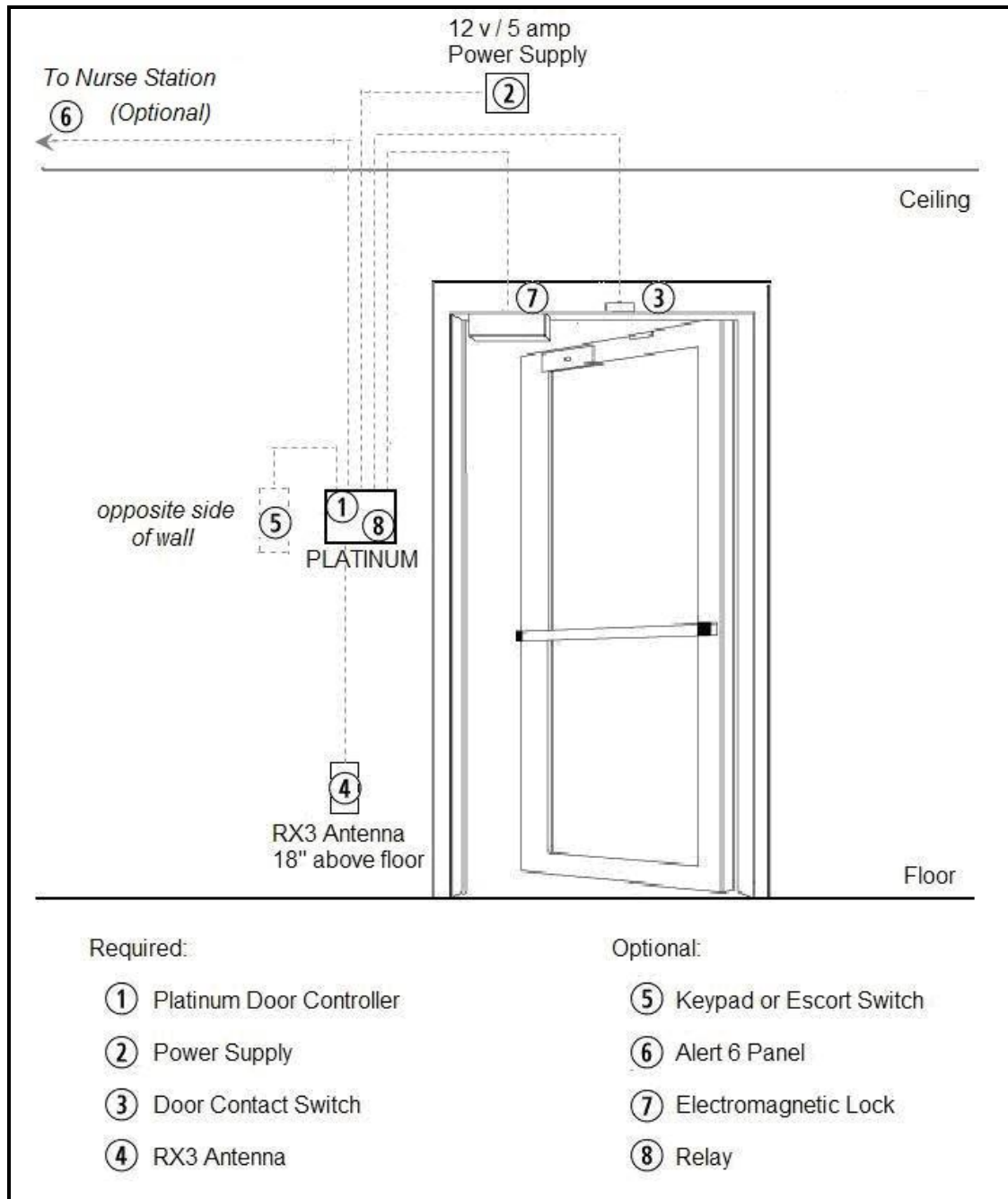
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KP-1, KP-2, & EscortR Installation Manual

Installation

Figure 1. Platinum 3 Installation Diagram



Note: Diagram depicts a Platinum 3 with an antenna. The Sentry does NOT have an antenna.

Overview

The KP-1, KP-2, and EscortR are remote access panels.

KP-1 ~ a keypad designed for inside use to be placed on the opposite side of the wall from the main door controller

KP-2 ~ a keypad with a weather resistant cover designed for outside use to be placed on the opposite side of the wall from the main door controller

EscortR ~ a heavy duty remote push button switch which allows remote access with a lower level of security than a keypad. EscortR is always used inside the building and is appropriate where human supervision is present such as a reception area or employee only area.

Recommendations



PLEASE consult local codes for wire requirements and other regulations.

Wire Sizes (Suggested)

It is recommended to use 18-4 AWG stranded, PVC coated, low-voltage wire from each door controller to each KP-1/KP-2 or EscortR remote access panel.

Tools (Suggested minimum)

Screw Drivers (Flat & Phillips)
Drill, Drill Bits
Wire Cutters

Wire Strippers
Volt Meter

Once you have evaluated your Wander Control Systems, Inc. equipment components and recommendations for wire and tools, it is time to make a decision.

For installations in new construction locations or where wire will be run in the ceilings or walls and will not be exposed, it may be best to measure and run the wire before mounting the equipment on the wall.

For installations in existing locations with drop ceilings and where products such as Wiremold or Raceway are planned to be used to conceal wire, it may be more beneficial to mount the equipment on the walls and then run the wires.

Mounting

- 1) The remote access panel which has been chosen for this location is to be mounted beside the door on the opposite side of the wall from the door controller (Platinum 3, Platinum 3B, or Sentry).
- 2) Mount the remote access panel close to the door in a convenient location at approximately 4 ½ feet from the floor. Mark a precise location for mounting and drill through the wall.

(If necessary, wires may be run through a Wiremold channel mounted vertically, but an access hole must be drilled through the top of the surface mount box.)

- 4) Screw surface mount box (backbox) to the wall. (The backbox must be securely attached to the wall).
- 5) After the backbox has been securely fastened to the wall you may pull the wires to the box from the door controller.

Set-up Connections

KP-1 & KP-2

There are 3 wires used on the KP-1 & KP-2. The colors and functions are as follows:

Red	- Positive Power (6 – 12VDC)
Black	- Common Ground
Green	- Output



We recommended that you use 18 - 4 stranded wire because you need to run three wires from the Platinum 3, Platinum 3B or Sentry control unit out to the KP-1 or KP-2 remote access panel.

Connect the three wires from the controller to the KP-1 or KP-2 remote access panels as follows:

<u>KP-1 & KP-2</u>	<u>Platinum 3, Platinum 3B or Sentry Controllers</u>
Red	J5 – Pin 1 – +12VDC
Black	J5 – Pin 2 – Ground
Green	J3 – Pin 2 – Escort Trigger In

Platinum 3, Platinum 3B, or Sentry controller J3 Pin 1 is NOT used in connecting a remote access panel.

EscortR

Run wires from J3 Pins 1 & 2 on the Platinum 3, Platinum 3B, or Sentry control unit to the EscortR remote access panel.

FAQs

How do I change the code on KP-1 and KP-2?

- 1) Pull the circuit board free from the keypad. On the board you will see five wires and a plastic strip with holes that are labeled ABCDE and 0123456789.
- 2) Escort code used on KP-1 or KP-2 must match code used on Platinum 3, Platinum 3B, or Sentry controller.
- 3) Connect wire from hole A to appropriate hole for first numeral of escort code.
- 4) Repeat with wire from hole B to appropriate hole for second numeral of escort code. Repeat with wires C, D, & E as necessary.

Can I use repeat digits in my code? No, unique digits only (i.e., 12345). Do not use the same numeral twice in your escort code. **Do NOT use the numeral 9 in your code.**



If you change the escort code on the main door controller (Platinum 3, Platinum 3B, or Sentry) you must also change the escort code on the opposite side keypad (KP-1 or KP-2).

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