



# 2500 SERIES Wi-Fi Keypad Installation Guide

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Wi-Fi  
Keypad



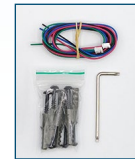
Rubber  
Gasket



Enclosure



Power  
Supply



Cables &  
Fixings



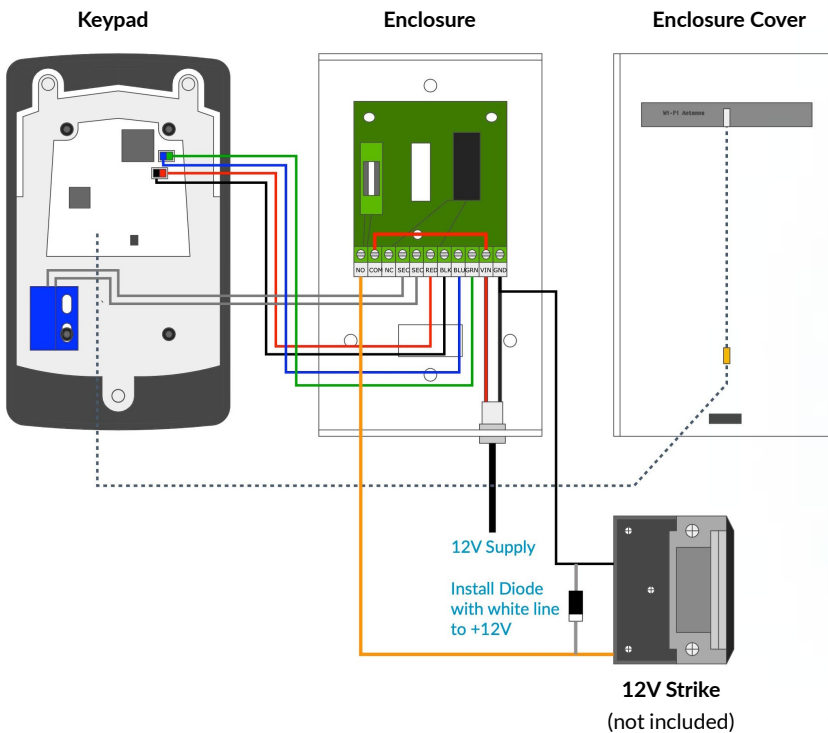
Strike Lock  
(not included)

## Hardware Installation

1. The keypad is designed to be mounted on a wall, if possible choose a location that is sheltered. The enclosure should be located on the inside of the property ideally directly through the wall.  
**IMPORTANT:** The keypad to enclosure cables are approximately 20 feet (500mm) in length. If the keypad is located in an exposed location, then consider a fitting a rain shield.
2. Remove the black backplate from the keypad using the supplied security Torx wrench and place the backplate against the wall. Mark the position of the 4 screw holes and the larger hole for the cables. This hole diameter should be a minimum of 15/32 feet (12mm) and go through the wall.
3. Depending on the lock mechanism type, another hole will need to be drilled from the lock to the enclosure on the internal wall.
4. Fit the rubber gasket and backplate to the wall using the supplied fixings. The gasket is not required if the keypad is located indoors.
5. On the internal wall, offer up the enclosure and secure using the supplied fixings.
6. Fit the red/black & blue/green cables to the white plugs on the rear of the keypad. Along with the Wi-Fi antenna cable and the grey security cable, thread all 4 cables through the wall. For the 12v version, the security cable can be wired to either SEC terminal.
7. Fit the keypad to the backplate and secure using the Torx security screw. If the keypad will not locate properly, carefully bend the upper tab ever so slightly towards you.
8. In the enclosure, shorten the red/black & blue/green wires as required. **DO NOT CUT THE WI-FI CABLE.** We offer 3.1 feet (1 meter) Wi-Fi extension cables. Connect the cables as per the wiring diagram.
9. Connect the 2 cable cores from the electric strike or lock mechanism to the COM, NO, NC terminals as required. If using a Magnetic lock, contact us for a wiring diagram.
10. Connect the Wi-Fi antenna which is located on the rear of the controller cover.
11. Connect the 12v power supply. Fit the enclosure cover, there is a screw on the underside.
12. Test the lock, enter **4321** on the keypad, the strike or lock mechanism should release and after 5 seconds lock again.

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## 12V Wiring Diagram



## Troubleshooting

- If the keypad has no power, make sure it is secured to the backplate. On the 12V model there is a magnetic contact that cuts the power when the keypad is removed from the backplate.
- If the lock does not release after entering 4321, try swapping the cables from the strike or lock mechanism.
  - With the door open, hold the strike mechanism, enter 4321, if it does not release then try increasing the unlock pulse time.
  - On the keypad, enter **123456#275#150#**  
150 = milliseconds, you can increase the time up to 500 milliseconds.

The 12V version has a 2 amp fuse to prevent the electronics from damage. Spares are available at RS Components, part no 563-609.

You can use the keypad to perform several functions. These functions can also be performed remotely from the SimpleAccess software.

All keypad functions follow the same general steps. The default Programming Code is: **123456**

1. Enter your Programming Code followed by the # button.
2. Enter the Function Code followed by the # button.
3. Some functions will also require you to enter a value followed by the # button.

**In the following examples, XXXX is your preferred code.**

Add a Local User Code: Enter **PROGCODE#110#XXXX#**  
Delete Local User Code: Enter **PROGCODE#120#XXXX#**

Change Programming Code: Enter **PROGCODE#100#XXXXXX#**  
Reset Wi-Fi Connection: Enter **PROGCODE#312#**

Factory Reset: Enter **PROGCODE#135#**

Wi-Fi Update Interval to Always On: Enter **PROGCODE#235#**

**NOTE:** In the SimpleAccess software, the Wi-Fi update interval will show as 1 hour

## Need Some Help?

Visit us online: [simpleaccess.com](http://simpleaccess.com)  
or email: [support@simpleaccess.com](mailto:support@simpleaccess.com)  
or call: 833.413.0212