Ins-30109-US Vandal resistant compact metal keypad

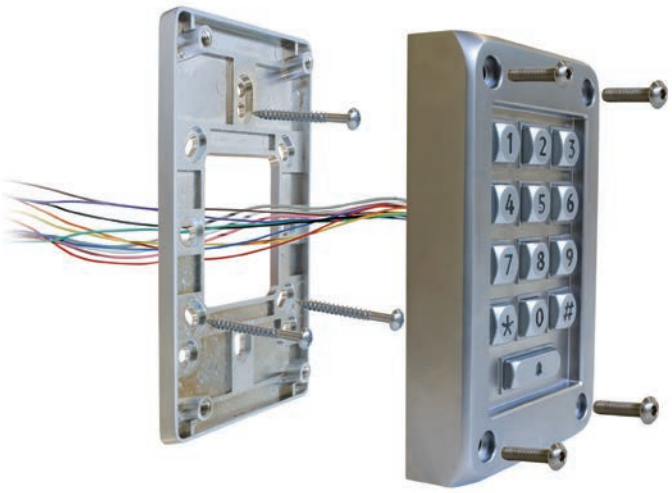
Technical Support

1.800.672.7298 supportUS@paxton-access.com

Technical help is available: Monday - Friday from 02:00 AM - 8:00 PM (EST)

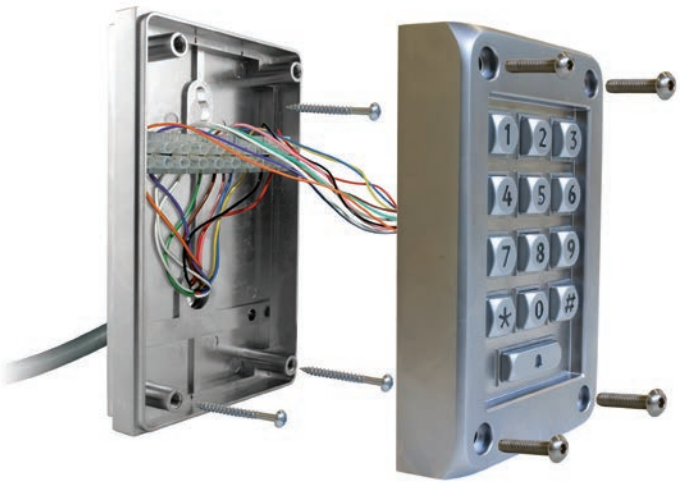
Documentation on all Paxton products can be found on our web site - http://www.paxton-access.com/

Fitting for a water resistant installation.



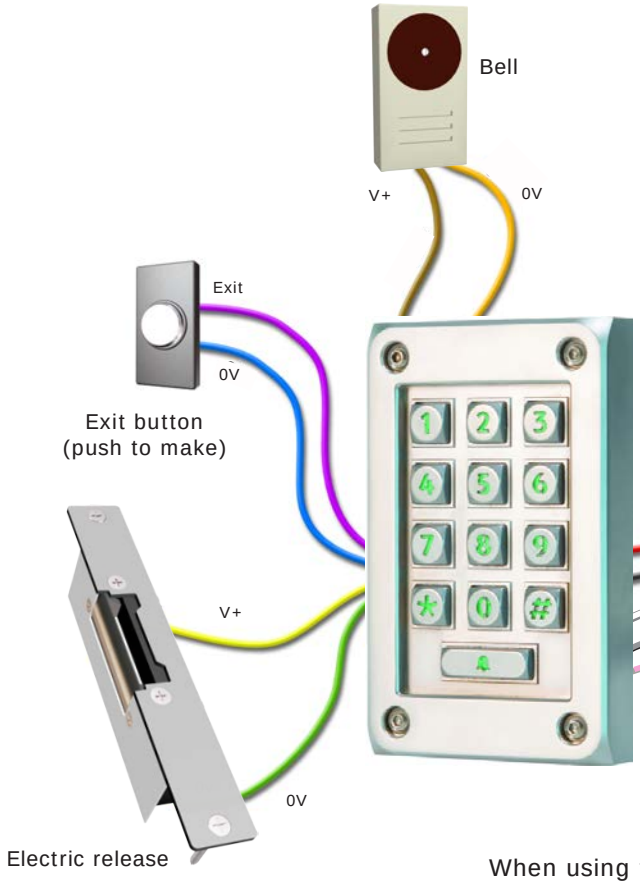
The assembly is IPX7 rated when used with the mounting plate, all the cable connections are made inside the building.

Fitting to existing wiring



The alternative surface box contains a terminal strip making it ideal for connection to existing wiring.

Wiring



Lock control is provided by both a powered lock output and also a voltage free relay. If the V+ lock wire (Yellow) or V+ bell wire (Brown) are not connected they must be terminated to avoid a short circuit.

The combined current for all outputs must not exceed 1A.

When using the relay output, it is not recommended to use the 'Lock wire setting' in the 'fail open' mode.

Initialising a new system

Choose a 6 digit Programming Code and load this into the unit as follows:

IMPORTANT: Do not set the Programming Code to 123456
The default user code is 1234 - the programming code must not include 1234 in the same order.
The door lock will release after 1234 and ignore any remaining numbers.

🔔 ► Enter 6 digit Programming Code ► 🔔 ► Re-enter 6 digit Programming Code ► 🔔

The factory User Code is now set to 1234

You can now set up the user codes and features using the programming chart.

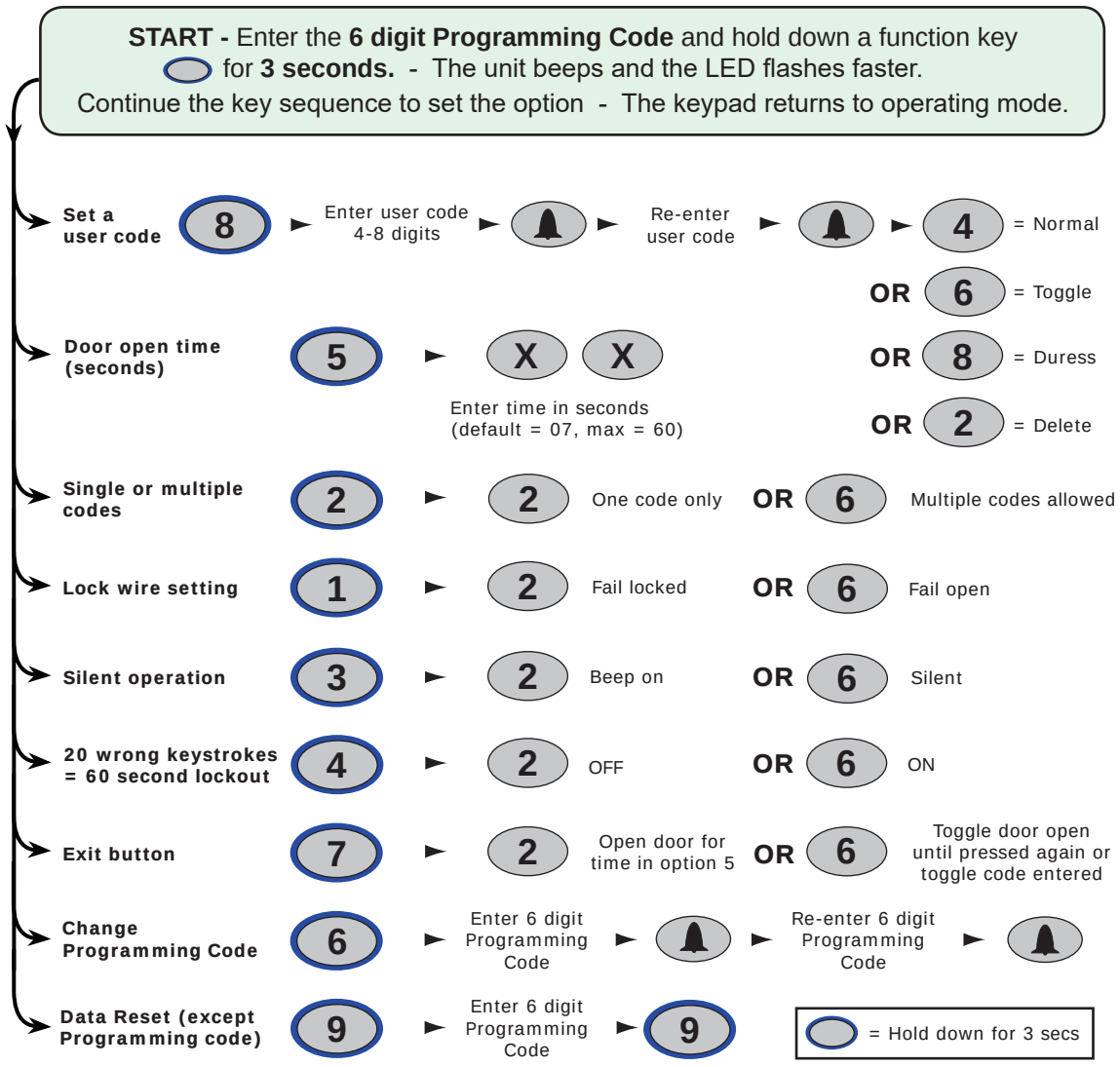
Example: - Setting a user code to unlock the door under Normal condition

Enter 6 digit Programming Code ► **8** ► Enter user code 4-8 digits ► 🔔 ► Re-enter user code ► 🔔 ► **4**

Hold for 3 secs
The unit will beep and the LED flashes faster

Normal

This box can be used to write down the Programming Code for future reference.
Ensure that this information is stored in a secure place.



Full System Reset

1. Power down the system.
2. Power the system up whilst holding down button 3.
3. The unit will bleep/flash LED's 3 times a second.
4. Go to - Initialising a new system.

Technical Help

Here is the list of topics about this product that receive the most technical support inquiries.
We list them here to help you speed up the installation and trouble shooting process.

1 - Can I use a fail open release (e.g. Maglock)?

By default, the compact keypad is set to operate with a fail locked release by providing a voltage across the lock wire pair when a valid entry is made. To use a fail open release, the lock wire setting needs to be changed (Program option 1).

2 - How do I integrate an entry phone system?

The output from the entry phone system is used to simulate the 'push' of an exit button for the Paxton equipment. No voltage should be directly applied to the exit wires (Blue / Mauve).
Most phone systems provide a powered output pair to drive the door lock. This voltage must be used to drive an independent relay. The relay contacts must be 'normally open going closed' to mimic a 'push to make' exit button. The voltage free relay can then be connected directly across the exit wires.

3 - What are the keypad code types used for?

Normal - Releases the door for the time period set in Option 5.
Toggle - Releases the lock until the code is entered for a second time.
Duress - Releases the lock (as in Normal) but also energizes the bell output for 30 seconds.
Delete - Used to remove a specific code that has already been entered in Multiple mode.

4 - Can I connect a compact with another Paxton control unit?

This cannot be done. Paxton Compact systems have the control electronics built in and no direct data output is provided.
The Switch2 and Net2 system use a different type of data input.
Note: The compact system is designed to control the door unit on its own.

5- Can I have read in and read out on one door with two keypad units?

You cannot wire the lock outputs from two units in parallel to a common lock as they will both power the door lock independently and will not offer single point control. The power supply or keypads may also be damaged.
We therefore recommend using an independent power feed switched through the relay outputs (COM/N.O./N.C.) of the two units to provide the lock control required.

FCC Compliance

Class B digital devices.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television 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:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

Class A digital devices.
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Specifications			
Features	Min	Max	
Number of Codes	1	50	
Code length	4 digits	8 digits	
Door open time	1 sec	60 secs	
Silent operation			Yes
Can be used with fail OPEN locks			Yes
Can be used with fail CLOSED locks			Yes
Exit button input			Yes
Door Contact input			No
Backlight			Yes
Electrical	Min	Max	
Voltage DC	9V	24V	
Voltage AC	9V	12V	
Current		150 mA	
Maximum load output current		1 A	Lock + bell
Dedicated lock output voltage			Supply voltage
Dedicated lock output current		1 A	
Relay switchable voltage		24V	
Relay switchable current		2 A	
Alarm/bell output voltage			Supply voltage
Alarm/bell output current		1 A	
Cable length			10 feet
Environment	Min	Max	
Operating temperature	-20 °C (-4°F)	+ 55°C (131°F)	
Waterproof	IPX7		Outdoor use
Dimensions	Width	Height	Depth
With mounting plate	$3\,^{1}/_{2}$ inch	$5\,^{5}/_{8}$ inch	$1\,^{1}/_{8}$ inch
With surface mount box	$3\,^{1}/_{2}$ inch	$5\,^{5}/_{8}$ inch	$1\,^{5}/_{8}$ inch