

Technical Support

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Technical help is available: Monday - Friday from 07:00 - 19:00 (GMT)
Saturday from 09:00 - 13:00 (GMT)

Documentation on all Paxton products can be found on our website - <http://www.paxton.co.uk/>

Suitability

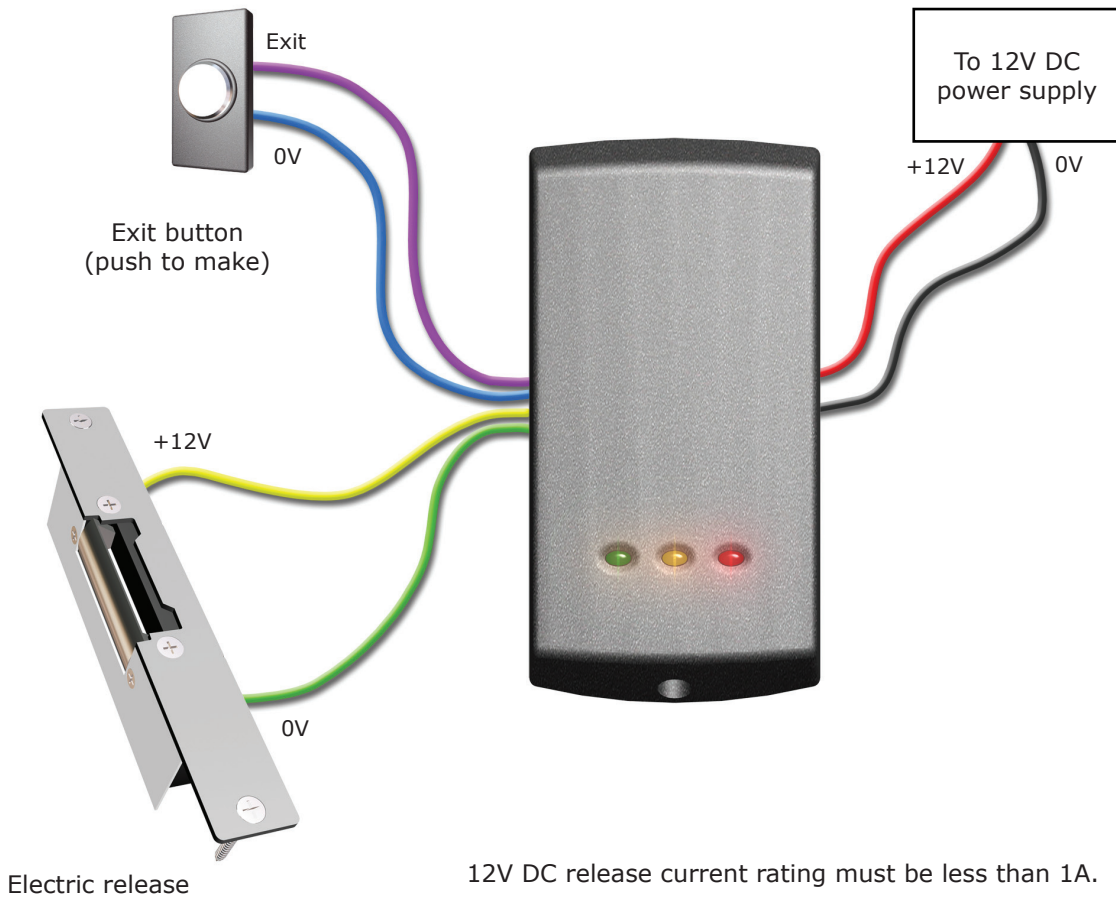
Security-sensitive doors ❌

Wet environments ✅

Mounted on metal surface ❌

Readers mounted together **300 mm**
between readers

Fitting the kit



Installation



Fitting the reader

Step 1: Carefully mark out the mounting holes for the reader and the hole of the cable feed.

Step 2: Drill the marked holes for the mounting points and the cable feed. When drilling the holes, ensure that you are aware of any hidden cables or pipes. Once the holes have been drilled, fit the supplied wall plugs and feed the cable through the cable feed hole before securing the reader to the wall using the screws supplied.

Step 3: Fit the reader cover to the reader, and secure using the screw provided.

Fitting the power supply

Step 1: Mark the mounting points for the power supply. Drill the four holes, fit the wall plugs and screw the power supply to the wall.

Step 2: Run the black/red cables from the reader to the power supply. Attach the red wire to the 12V power supply terminal, and the black wire to the 0V power supply terminal. The cables can be secured in place using the cable clips provided. Please ensure that the cable is not damaged when fitting the cable clips. Fit the power lead provided.

Step 3: Using the guides provided, make a gap for the cables on the power supply cover. Fit the cover, feeding the cables through the gap. Do not connect the power supply to the mains until the lock is fitted. Once this is done, power the system up, and start programming the system.

Full System Reset

Should it be required, the system can be reset. There are two ways of doing this. Only use one method to reset the system.

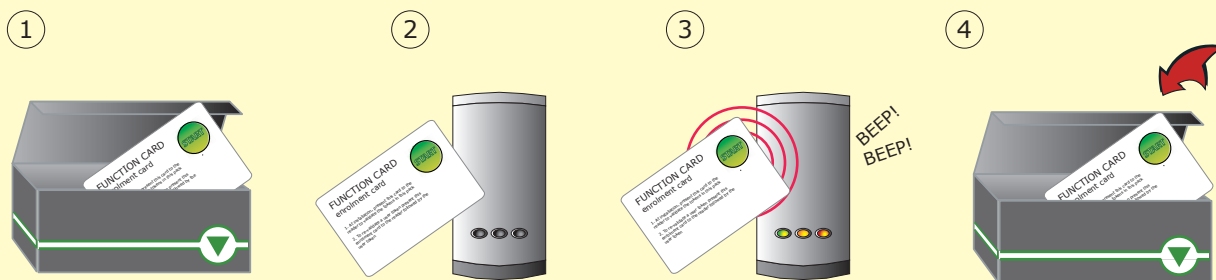
1. Power down the unit.
2. Press and hold the exit button.
3. Power up the unit. It will beep several times.
4. Wait for a further beep and then release and press the exit button twice more while it beeps 3 times.
5. The reader will beep 6 times.

OR

1. Present Enrolment card.
2. Present Door open time card twice.
3. Present Enrolment card.
4. Present Door open time card twice.
5. WAIT FOR 5 SECONDS!

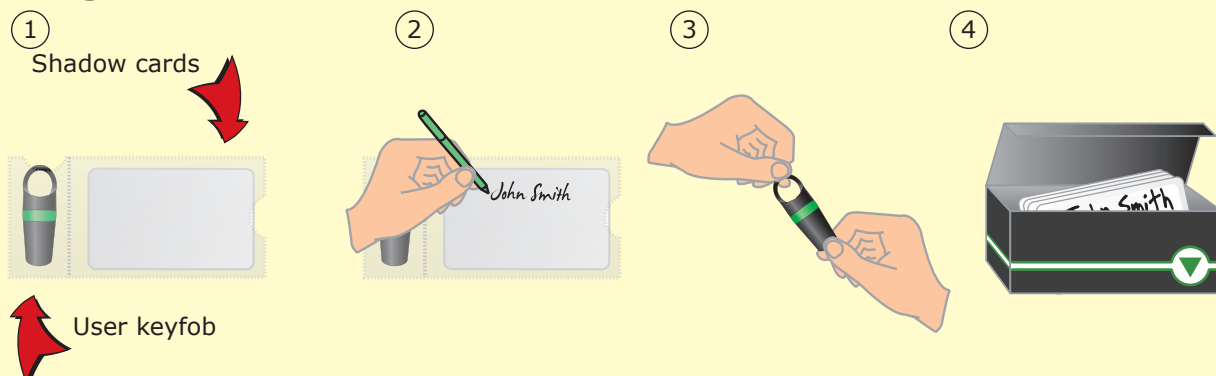
Programming the system

Adding the card pack



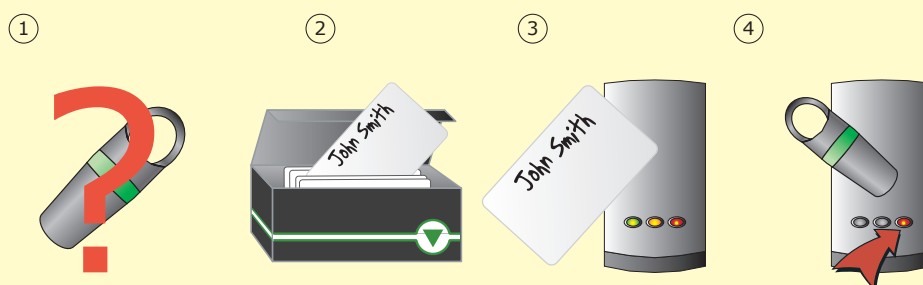
1. Take the enrolment card from the box of cards.
2. Present the enrolment card to the reader.
3. The reader beeps and the LED's light up as the enrolment card is acknowledged.
4. Return the enrolment card to the box. All the included user keyfobs are now valid.

Adding user cards



1. Each user keyfob has a corresponding shadow card.
2. Write the name of the user on the shadow card.
3. Issue the keyfob to the user.
4. Return the shadow card to the card box and keep in a safe place.

Barring user cards



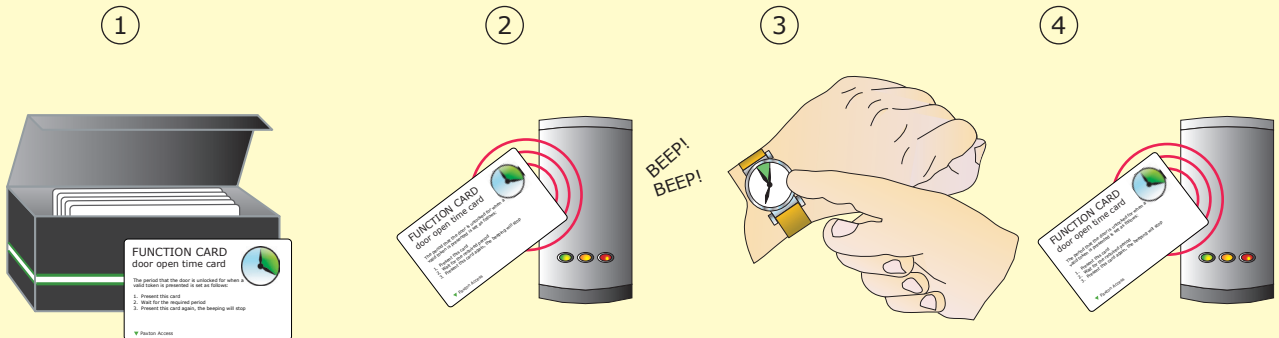
1. If a user has lost their keyfob, it can easily be removed from the system.
2. Take the matching shadow card from the card box.
3. Present the shadow card to the reader and return to the card box.
4. If the user tries to use their keyfob, they will no longer be granted entry.

Unbarring user cards



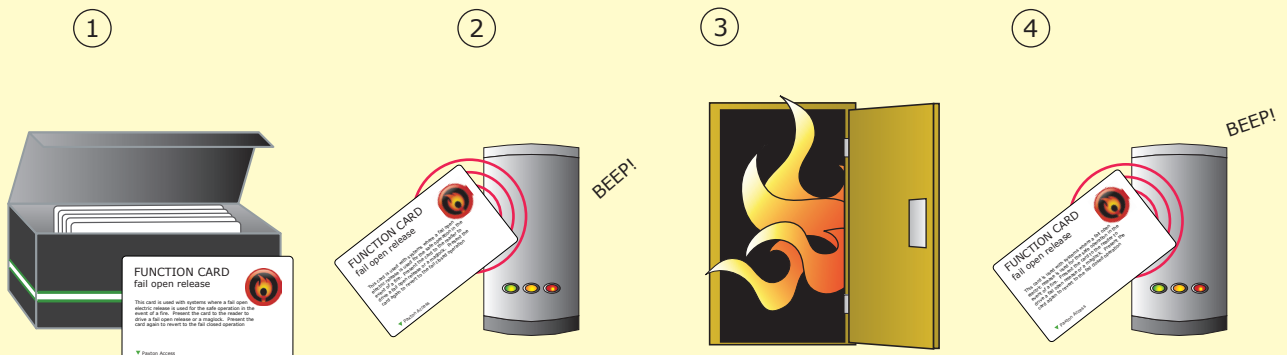
1. If a user finds their keyfob after it has been barred, it can be added back onto the system.
2. Take the enrolment card from the card box.
3. Present the enrolment card to the reader. The amber LED starts flashing.
4. Present the keyfob to the reader. The keyfob is now active again.

Setting the door open time



1. Take the door open time card from the card box.
2. Present the card to the reader. The reader will commence beeping once a second.
3. Wait the required time.
4. Present the door open time card and return to the card box.

Setting the lock type



1. The system can be used with a fail open or fail closed lock. The default is set to fail closed.
2. Take the fail open release card from the card box and present the card to the reader.
3. The reader will beep and the lock setting is changed.
4. To change back, simply present the fail open release card again.

Silent operation card



1. Take the silent operation card from the card box.
2. Present the card to the reader. The reader give a single beep.
3. The reader will now be silent when a token is presented.
4. To activate the beep again, present the silent operation card.

Specifications

Features	Min	Max	
Number of Users	1	10,000	
Number of Card Packs	1	100	
Door open time	1 sec	60 secs	
Time zones (with additional time clock)	1	2	
Access levels (Colour Zones)	1	3	
Silent operation			Yes
Can be used with fail OPEN locks			Yes
Can be used with fail CLOSED locks			Yes
Exit button input			Yes
Electrical	Min	Max	
Voltage	11V DC	14V DC	
Current		100mA	
Switchable current		1A	
Environment	Min	Max	
Operating temperature	-20 °C	+55 °C	
Waterproof	IPX7		Outdoor Use
Read Range	Token	Keyfob	Watchprox
	80 mm	50 mm	35 mm
Dimensions	Width	Height	Depth
	50 mm	100 mm	15 mm

Important information

Electrical shock from voltages used in this system can cause injury or death. Prior to making any electrical connections, or performing maintenance and repair, ensure power is removed.

Mains electrical connections should be made only by qualified personel in accordance with local regulation.

1. Safety goggles should be worn while using power tools.
2. Before drilling the mounting holes, check the area for concealed wires and pipes.
3. The power supply provided is suitable for internal mounting only.

CE0168

The declaration of conformity is available on request.
Contact details are provided at: <http://paxton.info/596>