

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



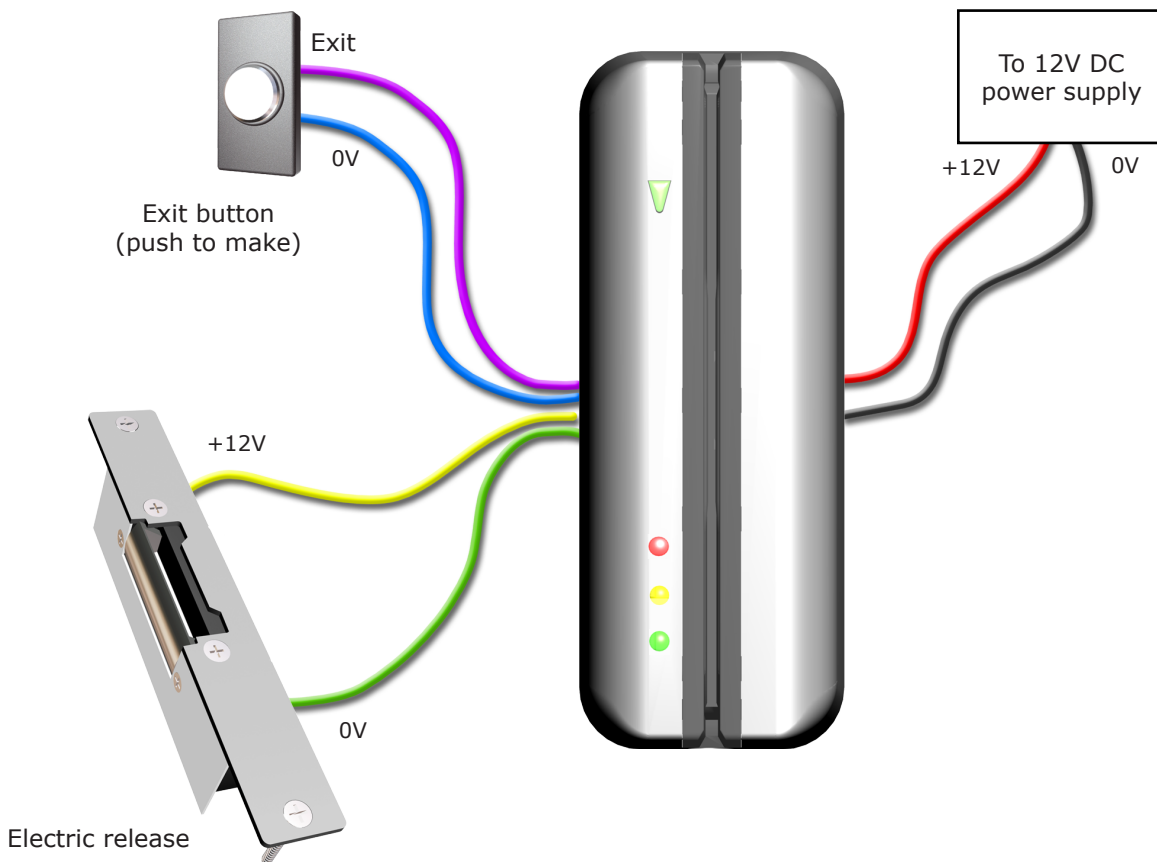
Mounted on metal surface



Readers mounted together

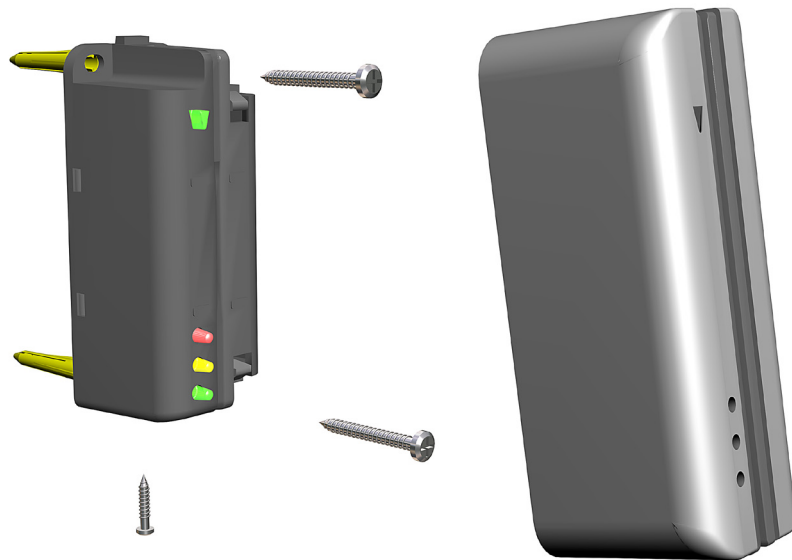


Fitting the kit



12V DC release current rating must be less than 1A.

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.

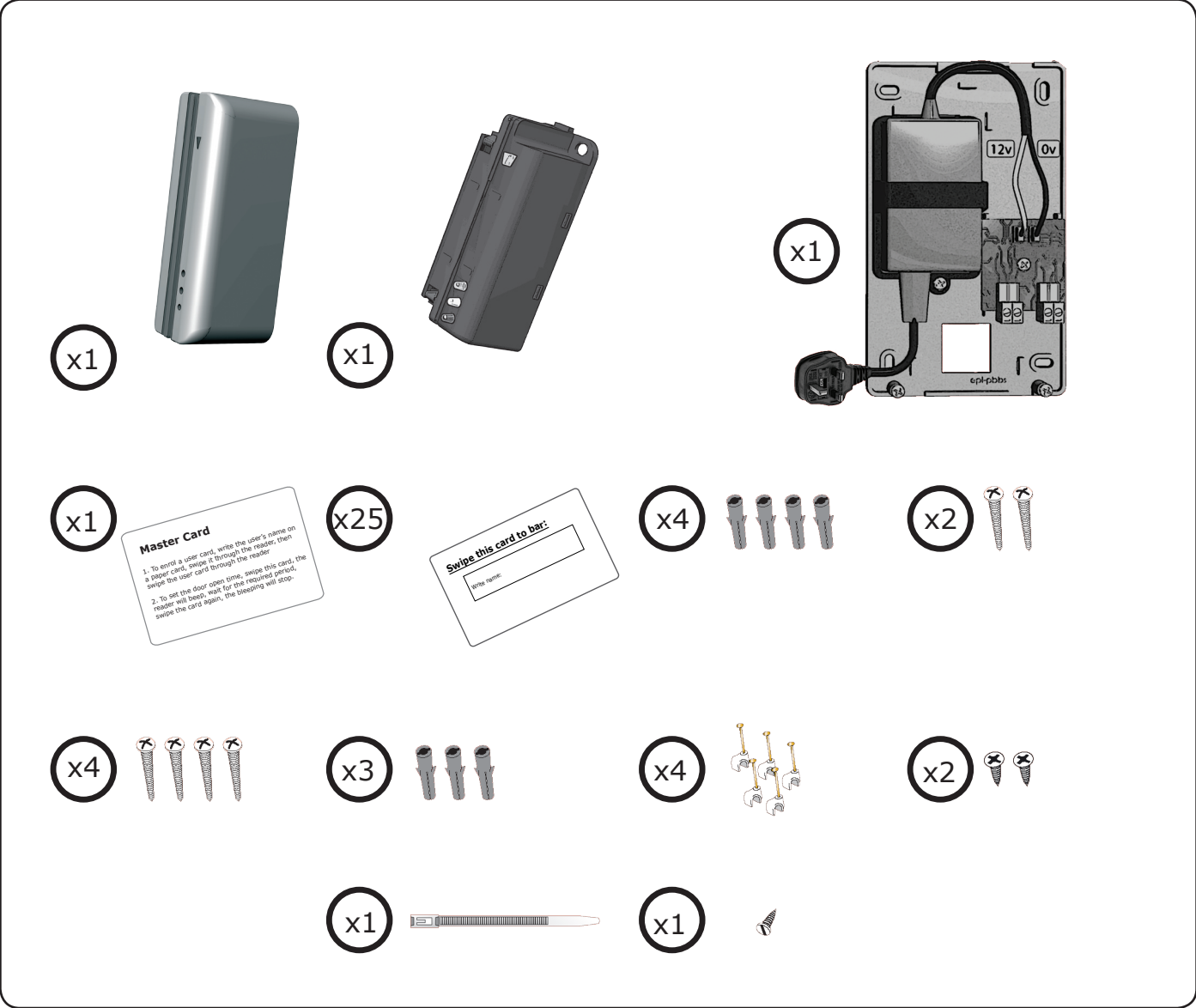
Step 3: Using the guides provided, make a gap for the cables on the power supply cover. Fit the cover, feeding the cables through the gap. Do not connect the power supply to the mains until the lock is fitted. Once this is done, power the system up, and start programming the system.

Full System Reset

1. Power down the unit.
2. Press and hold down the exit button.
3. Power up the unit and release the exit button. The reader will beep and the red LED will come on.
4. After 3 seconds the unit will beep 3 times again and all the LED's will come on.

User cards are NOT supplied with this unit. Please supply your own user cards.
This reader is compatible with any Track 2 ABA magstripe card, such as a debit/credit card.

This Magstripe kit contains the following items. If you find that any of the parts are missing or damaged, please notify your supplier.



Other Items Required

- Fail open or fail closed lock
- 5.5 mm masonry drill bit
- Electric drill
- Safety goggles
- Any ISO magstripe card encoded on track 2

- Push to make exit button
- 10 mm masonry drill bit
- Screwdrivers
- Hammer

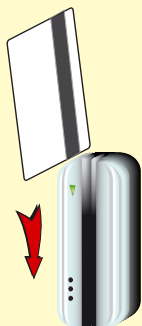
Programming the system

Adding the card pack

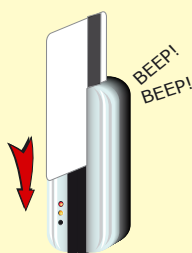
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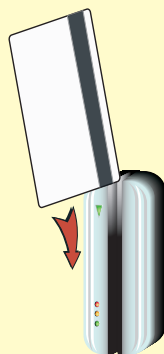
1. Take the master card from storage.
2. Swipe the master card through the reader.
3. The reader beeps and the LED's light up as the master card is acknowledged.
4. Return the master card to storage. The shadow card pack can now be used for enrolling user cards.

Adding user cards

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1. Select a shadow card and write the name of the user on it.
2. Swipe the shadow card through the reader.
3. Swipe a supplied user card. (or any card encoded on Track 2) - That user card is now enrolled.
4. Return the shadow card to storage and keep in a safe place.

Barring user cards

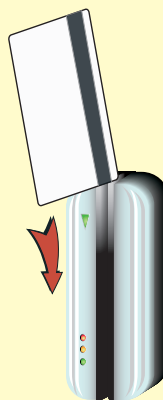
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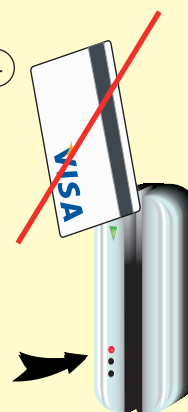
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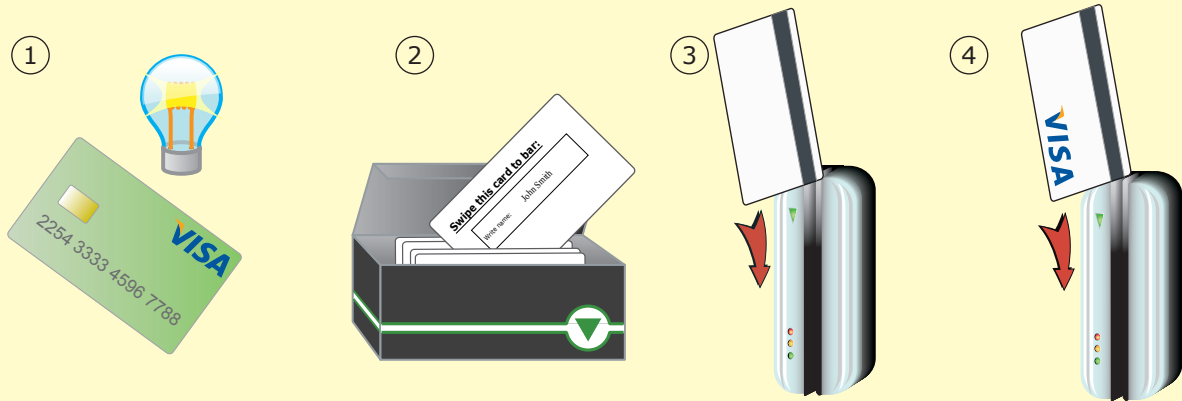


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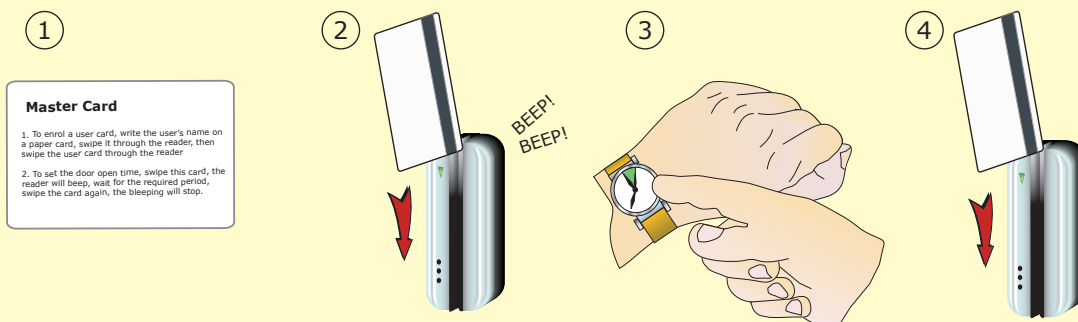
1. Ascertain which card you wish to bar.
2. Take the matching shadow card from storage.
3. Swipe the shadow card through the reader and return to storage.
4. The user card will no longer be granted entry and the Red LED will display.

Unbarring user cards



1. If a barred user card is found, it can be re-validated on the system.
2. Find the matching shadow card.
3. Swipe this card through the reader and return it to storage.
4. Swipe the barred user card through the reader - it is now re-validated.

Setting the door open time

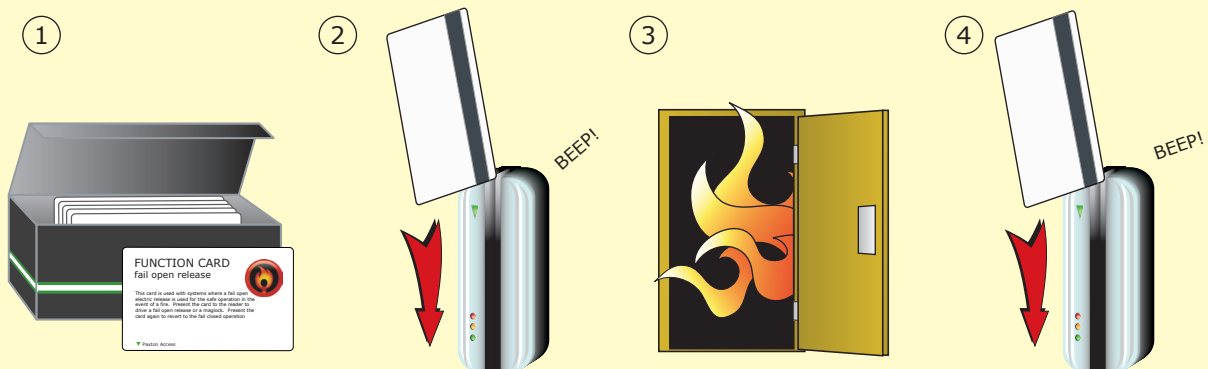


Master Card

1. To enrol a user card, write the user's name on a paper card, swipe it through the reader, then swipe the user card through the reader
2. To set the door open time, swipe this card, the reader will beep, wait for the required period, swipe the card again, the beeping will stop.

1. Take the master card from storage.
2. Swipe the card through the reader. The reader will commence beeping once a second.
3. Wait the required time.
4. Swipe the master card again and return to storage.

Setting the lock type



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

To delete a card pack

1. Card packs may be deleted from the system if required. Once a card pack has been deleted another one may be enrolled in its place.
2. To delete a card pack, take the master card and swipe it backwards through the reader. The LEDs should then start to flash in sequence, one after the other.
3. During this phase, swipe the master card backwards again and the reader will bleep once and the LEDs will all come back on.
4. The card pack will now have been removed from the system

Specifications

Environment	Min	Max	
Operating temperature	-20 °C	+55 °C	
Cable length			3 metres
IP Rating	IPX7		Outdoor Use
Reader head life	1,000,000		Swipes
Electrical	Min	Max	
Voltage	11V DC	14V DC	
Current	90 mA	100 mA	
Maximum load output current		1 A	
Magnetic stripe coercivity	300 Oe	4000 Oe	Lo-Co & Hi-Co
Number of Cards		1000	
Number of Card Packs		4	
Dimensions	Width	Height	Depth
Reader	34mm	89mm	34mm

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 personnel 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>