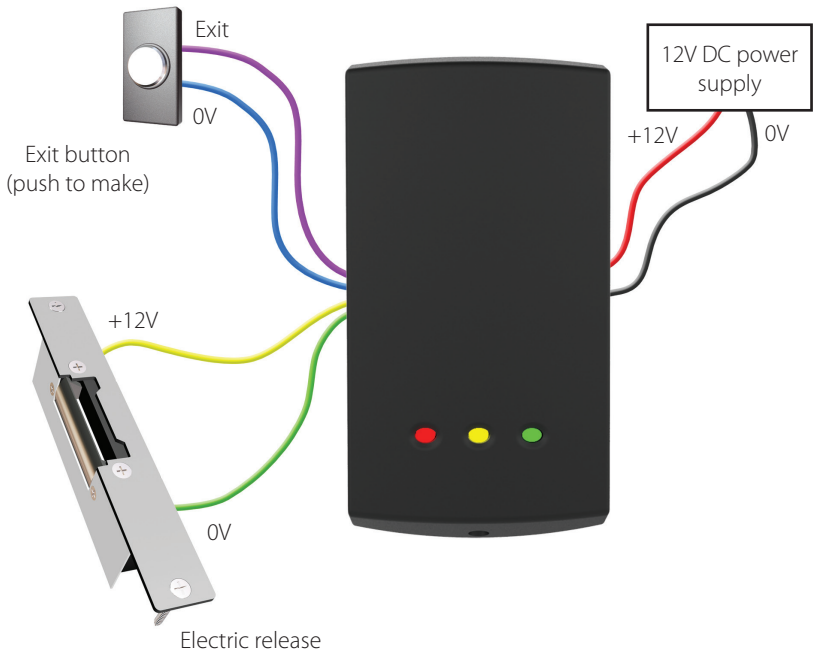
Paxton

ins-30003

Quickstart guide

This supplement is a brief guide to installing a P series compact system. Further information is available for download at: http://www.paxton.co.uk/ or call the communications team on: 01273 811011.



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

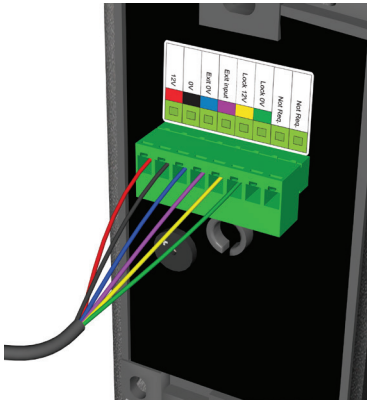
Factory reset

1. Power down the unit.
2. Press and hold the exit button.
3. Power up the unit. It will give several quick beeps.
4. Wait for a further beep and then release and press the exit button twice more within 3 seconds.
5. The reader will beep 3 times to confirm the reset.

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!

The reader's default indication has all the LED's on. Access granted is denoted with a single flashing Green LED. Access Denied is a single flashing Red LED.



Indoor use only

P75 Screw connector option

The unit should be mounted in conjunction with an electrical backbox to achieve the required clearance for the connector.

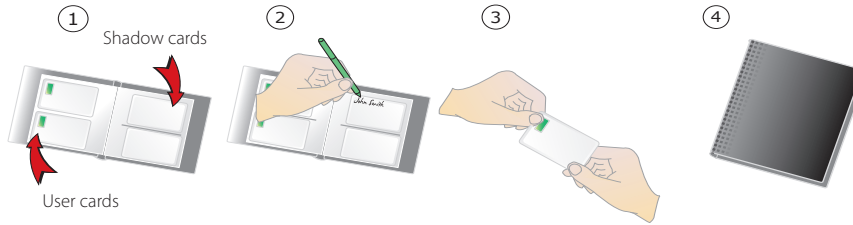
If an adaptor plate (310-750) is fitted, the mountings on the backbox can also be used.

Wiring

Enrolment Card - must be presented when the system is first powered on

1. Take the enrolment card from the new pack of user 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. All cards in the pack are now valid. The enrolment card can now be returned to it's pack.

Issuing tokens

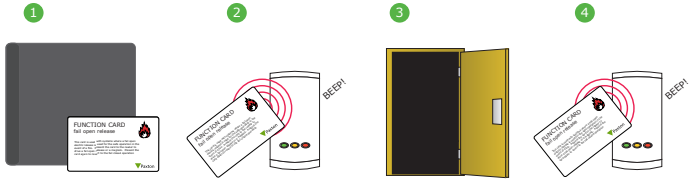


1. Across each double page there are pairs of cards - a user card and a corresponding shadow card.
2. Write the name of the user on the shadow card.
3. Issue the matching user card to the user.
4. Keep the card pack in a safe place.

Bar a user

1. When a card is lost or stolen it is important to bar the card from your system to avoid unauthorized access.
2. To bar a card or token take it's corresponding shadow card from the card pack.
3. Present the shadow card to the reader. This will remove the lost card or token from your system.
4. A barred card can re-validated by presenting the enrolment card followed by the user card to the reader.

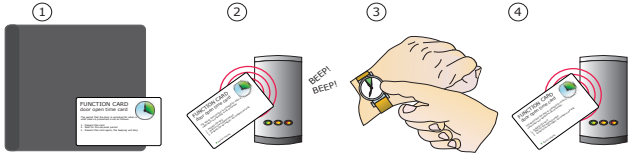
Fail open release card - Compact systems are fail closed as default



THIS CARD CAN ONLY BE USED WITH A FAIL OPEN LOCK.

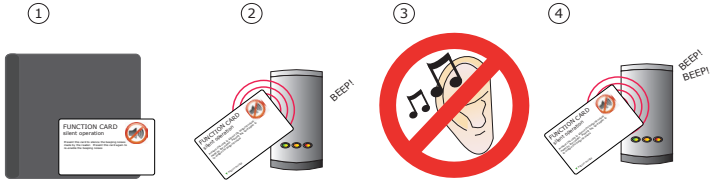
1. Take the fail open release function card from the starter pack.
2. Present/swipe the card through the reader. The reader will beep for about a second.
3. The reader is now set to fail open mode. This allows safe operation of the door in case of fire: The lock will release when the power is cut.
4. To revert to fail closed mode, swipe the card again and the reader will beep once.

Door open time (seconds)



1. Take the 'door open time' card from the starter pack.
2. Present the card to the reader. The reader will start beeping.
3. Wait for the required period you wish the door to remain open.
4. Present the card again at the end of the period to set the open time. The beeping will stop.

Silent operation



1. Take the silent operation function card from the starter pack.
2. Present the card to the reader. The reader will beep.
3. The reader is now in silent operation mode.
4. Present the card again to disable silent operation mode. The reader will beep twice.

Fitting

Reader covers

Additional covers are available in black, and white. Registered installers can order these free of charge by logging onto the secure installer extranet: http://paxton.info/1035 or if you are not a registered installer please call us on: 01273 811011 for more information.

Technical Help

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

1 - **Re-enrolling barred tokens**. Tokens that have been barred by presenting their corresponding shadow card can be re-enrolled by presenting the Enrolment card to the reader followed by the barred token.

2 - **Enrolling a function card pack**. You will need an existing valid enrolment card for this system. Present this enrolment card to the reader and the Amber LED will flash and the Green & Red LED's will be off. Present the enrolment card from the function card pack. The reader will then beep and all the LED's will come on. The function cards will now be valid. Repeat this with each controller.

3 - **Adding an additional card pack**. You need to be in possession of the original enrolment card. Present the original enrolment card to the reader and the Amber LED will flash, Green & Red LED's will be off, then present the Enrolment card from the new card pack; the reader will beep and all LED's will be lit. The additional cards will now be valid. Repeat this with each reader and with any additional card packs. Any valid enrolment card can be used to add further packs. This is the same for enrolling function card packs onto a system.

4 - **Can I put a relay across the lock wire output?** Yes - All PROXIMITY P series compact readers have been designed to drive relays.

5 - **Integration with an entry phone system**. The output from the entry phone system is used to simulate an exit button on the Paxton equipment. No voltage should be applied to the exit input wires (Blue / Mauve) of a compact unit. Most phone systems will provide a voltage pair to release 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. Only if the output pair from the phone system is voltage free can this be connected directly to the exit input wires.

6 - **Paxton Exit buttons.** Red wire - Power supply 12V DC. Green wire - Power supply 0V. Grey wire - Mauve compact wire. Black wire - Blue compact wire. The LED will be constantly lit and will not flash.

7 - **Bar/Disable All Users card on a system with several card packs.** Once additional card packs are enrolled onto a system, any function card from the packs will effect all cards packs. So, using any Bar/Disable All Users card will bar all users from the system.

8 - **Connecting a compact with another 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 will control the door unit on its own.

9 - **Read in and read out on one door**. You cannot wire two compact systems in parallel to a common lock as this may result in damage to your system. They will both power the door lock independently and will not offer single point control. We recommend using one Switch2 controller with two compatible keypads or readers.

10 - **Re-enrol a user - Multiple enrolment cards.** If multiple card packs are enrolled there will be multiple enrolment cards. Any enrolment card that is assigned to the system can be used to re-enrol a barred user. Present one of the enrolment cards followed by the user card to re-enrol a barred user.

Specifications

Electrical	Min	Max	
Voltage	11V DC	14V DC	
Current		100 mA	
Switchable current		1A	
Cable length			3 metres
Environment	**Min**	**Max**	
Operating temperatures - all items	- 20 °C	+ 55 °C	
Waterproof - Fixed cable	IPX7		Outdoor use
Waterproof - P75 - Screw connection			Indoor use
Features	**Min**	**Max**	
Number of Users	1	10,000	
Number of Card Packs	1	100	
Door open time	1 sec	60 sec	
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
Door Contact input			No
Dimensions	**Width**	**Height**	**Depth**
P38	38 mm	78 mm	13 mm
P50	50 mm	100 mm	15 mm
P75	75 mm	143 mm	16 mm
Read Range	**Token**	**Keyfob**	
P38	60 mm	40 mm	
P50	80 mm	50 mm	
P75	100 mm	60 mm	

Contents in box		
P series compact keypad		
Black and White clip on covers		
Documentation		
	Qty	Description
Fitting Kit	3	Pozi pan self tapping screw - zinc
	3	Wall Plugs
	1	Pozi pan self tapping screw - small
	5	Cable clips

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Paxton Access Ltd hereby declares that this product is in conformity with all the essential requirements of the Directive 2014/53/EU.

http://paxton.info/4867

The full declaration of conformity is provided at: http://paxton.info/3910

Contact details are provided at: http://paxton.info/596

These products are not suitable for retail sale. All warranties are invalid if these products are not installed by a competent person.

North America:-

Product compliance and limitations

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Wiring methods shall be in accordance with the National Electrical Code (ANSI/NFPA70), local codes, and the authorities having jurisdiction.

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Conformité et limitations du produit

Ce dispositif est conforme au(x) standards RSS de l'industrie Canadienne sans-licence. Le fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne doit pas créer d'interférences nuisibles et (2) ce dispositif doit accepter toute interférence reçue, y compris des interférences qui peuvent causer un fonctionnement non souhaité.

Les méthodes de câblage doivent être en accord avec le code nation électrique (ANSI/NFPA70), codes locaux et les autorités ayant la juridiction.

Conformité FCC

Ce dispositif est conforme à la section 15 du règlement de la FCC. Le fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne doit pas créer d'interférences nuisibles et (2) ce dispositif doit accepter toute interférence reçue, y compris des interférences qui peuvent causer un fonctionnement non souhaité. Tout changement ou modification non agréé par la partie responsable de la mise en conformité peut entraîner une interdiction d'utilisation de l'équipement.

http://paxton.info/1606

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