EZ-PROX

SINGLE DOOR PROXIMITY DOOR ENTRY

USER MANUAL

esp

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Contents

EZ-PROX and back plate

EZ-PROX programmer

10 x Tags

Security Torx Tool

Equipment required for controlling one door:

12 volt DC power supply 2 amp minimum (EV-BPS)
Lock - Magnetic (EVML-250)/Yale type keep 12 volt lock (enter D)
Push to exit button (EVEXIT)
Green break glass emergency release (EVEBG)*
*Note:- for use with Magnetic lock only

Functions of the EZ-PROX

The EZ-PROX can control one door by use of tags.
Programmable door open time 00 to 99 seconds.
1000 Tags can be programmed.
Door closed function (contact required).
Programmable rear tamper.
Internal buzzer for tamper monitoring (auto cut off after 1 minute).

Sighting Of The EZ-PROX

The EZ-PROX must not be located within 2 meters of any reader/keypad type devices.

The EZ-PROX must not be sited back to back with reader/keypad type devices.

Site the EZ-PROX within easy access to the door/doors to be controlled

Fitting

Using the template mark and drill the fixing and cable entry holes.

Remove security screws from the underside of the reader and remove back plate.

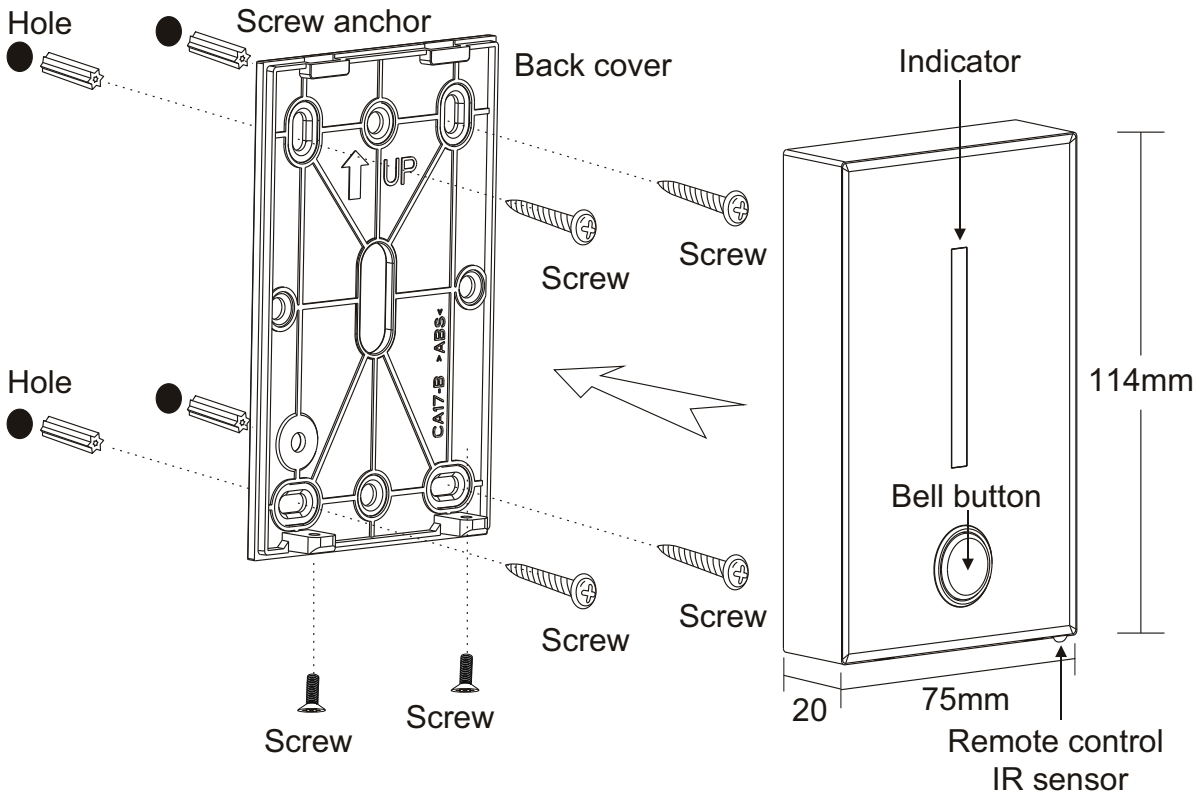
Fit and secure the back plate in its final position. (See Fig below)

Feed the cable from the reader though the centre hole of the back plate.

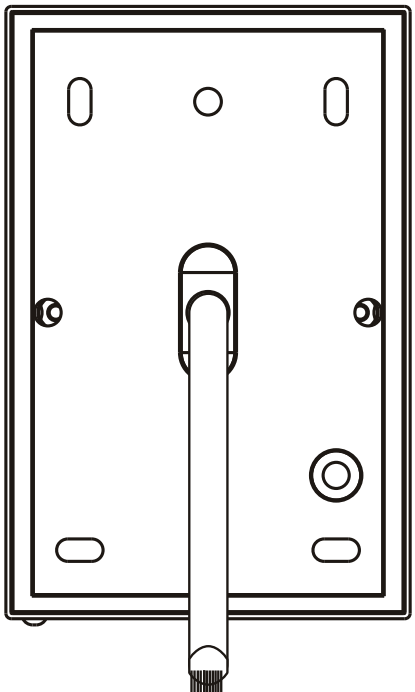
Clip the top of reader onto the back plate and secure using the security fixing screws located on the underside of the reader.

Make all wiring connections and connect 12 volts DC to the reader.

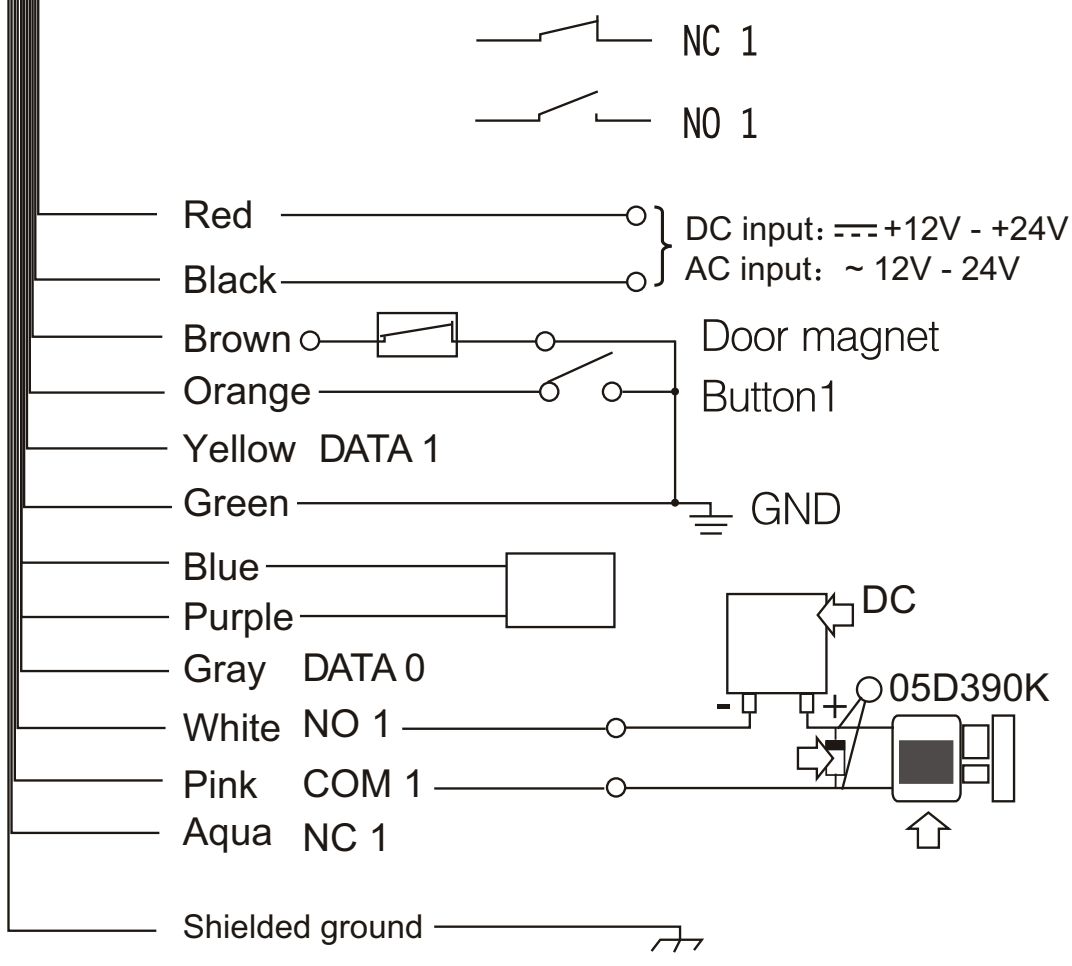
The power LED will now be illuminated on the front of the reader.



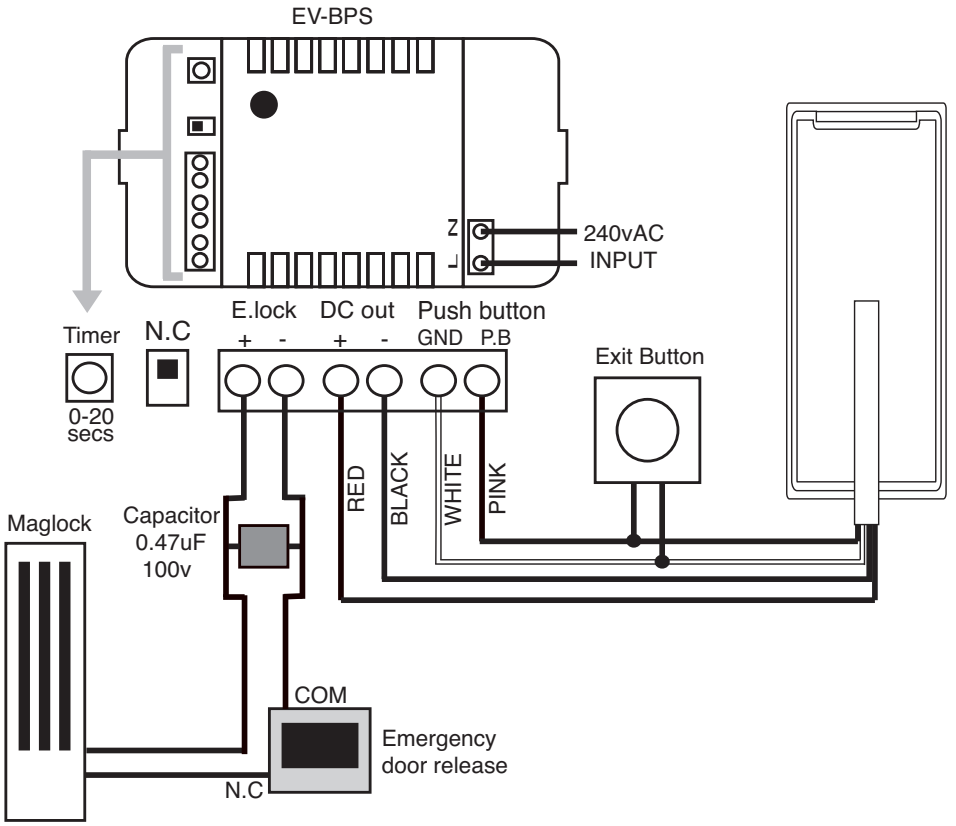
Wiring Diagram



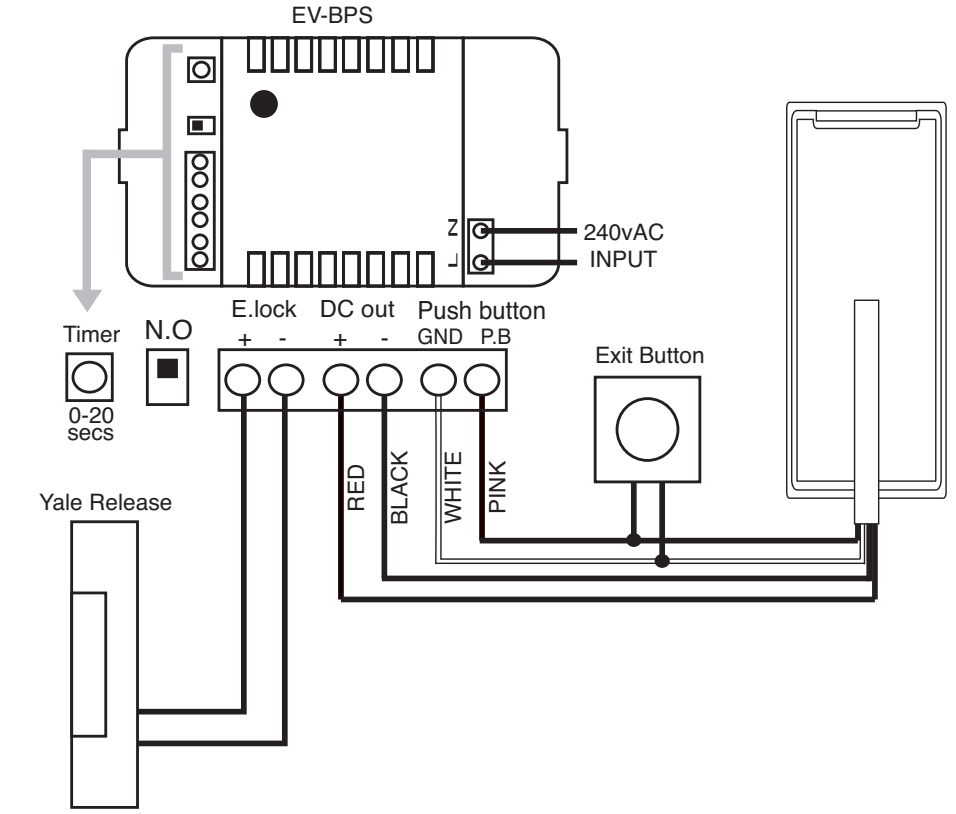
Red-power } DC input: ⎓ +12V - +24V
Black-power } AC input: ~ 12V - 24V
Brown-door status detecting reed switch
Orange-push to exit button
Yellow-DATA 1
Green-GND
Blue-Door bell
Purple-Door bell
Gray-DATA 0
White-NO 1
Pink-COM 1
Aqua-NC 1
Shielded ground



Wiring Diagram for Maglock



Wiring Diagram for Yale Release



How to enter programing mode

Factory default programming code is 1234.

Input the programming code twice (1234 and1234), the yellow LED will be on. To exit programming mode press # button.

Programming a fob or card

Note:- Do not have Tags in your hand or close by when pressing keys.

EZ-PROX has 1000 locations available from 000 to 999.

1. Enter programming mode the blue LED will turn yellow.
2. Enter the location you want to programme the Tag to in a 3 digit format (xxx). A green light will show the location is empty and ready to present a tag if a red light is present this location is already in use. To delete this location press the star * key twice. The LED will now turn green.
3. Pick up one Tag only and present it to the bottom of the reader ( ) and remove. A bleep will be heard this means the card or fob is added. If further Tags are to be programmed select the next available location number (xxx)

Deleteing a fob or card

Enter programing mode.

Enter any 3-digit number from 000 to 999 (yellow light will blink during this process): if the LED changes to red there is data stored, green shows the location is empty. Press * twice to delete the stored location.

Press # to quit setting mode.

Programing a group of fobs or cards

Enter programing mode.

1. All tags to be programed as a group must have consecutive numbers.
2. Press the * key then the 9 key the yellow light will flash
3. Press the 0 key then the 1 key the unit will bleep once.
4. Enter the number of the first available location in the range of 000 to 999.
5. Now enter in a 3 digit format how many tags you want to programme (xxx) into the system, present the lowest number tag to the reader ( ) and remove. Alternatively enter the 8 digit number of the lowest number Tag from the group to be programmed into the keypad.
   To confirm the programming has been successful 2 bleeps will be heard.

Press # to exit the setting mode.

Set door open time

1. Enter programming mode.
   A Long bleep will be heard and the blue power LED will turn yellow.
2. Press the * key then the 1 key the yellow LED will start to flash
3. Enter the time in seconds for the unlock time from 00 to 99 seconds.

Press # to exit the setting mode.

The tamper alarm

The built-in buzzer will sound a continuous Bleep Bleep. If the photoresistor sensor is directly exposed to the light. The buzzer will turn off automatically after 60 seconds, or when the light is no longer detected, or by entering the programming code.

Changing the Programming code

1. Enter programming mode.
   A Long bleep will be heard and the blue power LED will turn yellow.
2. Press * key followed by the 3 key the orange LED will start to flash.
3. Enter the new programming pin twice.
   A conformation bleep will be heard.
4. Press * 3 (yellow light blinks). Then input new administrator code twice (The length of the new admin code must be the same as the old one). Bleep - sound means it modifies successfully.

Press # to exit the setting mode.

Turn on/off the rear tamper alarm

The rear tamper function consists of a photoresistor at the rear of the unit. When this function is enabled the unit will emit a continuous bleep if exposed to light.

The continuous bleep will stop automatically after 60seconds or if the unit is no longer exposed to light.

You can cancel the continuous bleep by enter the programing code.

1. Enter programming mode.
2. To turn on the rear tamper alarm.
   Press * then 6 the yellow light will flash.
   Press 0 then 2 the yellow light no longer flashes and the unit will bleep.

Press # to exit the setting mode.

Delete all user fobs and cards and restore to factory default

Enter programming mode.

1. A Long bleep will be heard and the blue power LED will turn yellow.
2. Press * key followed by the 8 key theyellow LED will start to flash.
3. Press the 8 key twice.
   7 conformation bleeps will sound.

Set the (digit) length of password

1. Enter programming mode by entering the 4 digit pin number twice (default pin 1234).
   A Long bleep will be heard and the blue power LED will turn yellow.
2. Press the * key followed by 9 key the orange LED will now flash.
3. Press 04 a long bleep will be heard.
4. Enter the length of the pin number you require (2,3,4,5 or 6).

If the length is the same as already programmed you will get a conformation bleep.

If you have changed the length you will get 7 bleeps to say it has now been changed.

Note:- Any pin numbers or Tags programmed into the system will be deleted if the pin length is change.

Press # to exit the setting mode.

Technical Specifications

Working temperature	-10 ~ +55°C
Voltage	DC: 12V-24V AC: 12V~24V
Working current	<120mA
Standby current	<90mA
Card mode	ID / IC card
Effective distance	<5CM
Capacity	1000 Cards or Fobs

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