

EZ-TAG

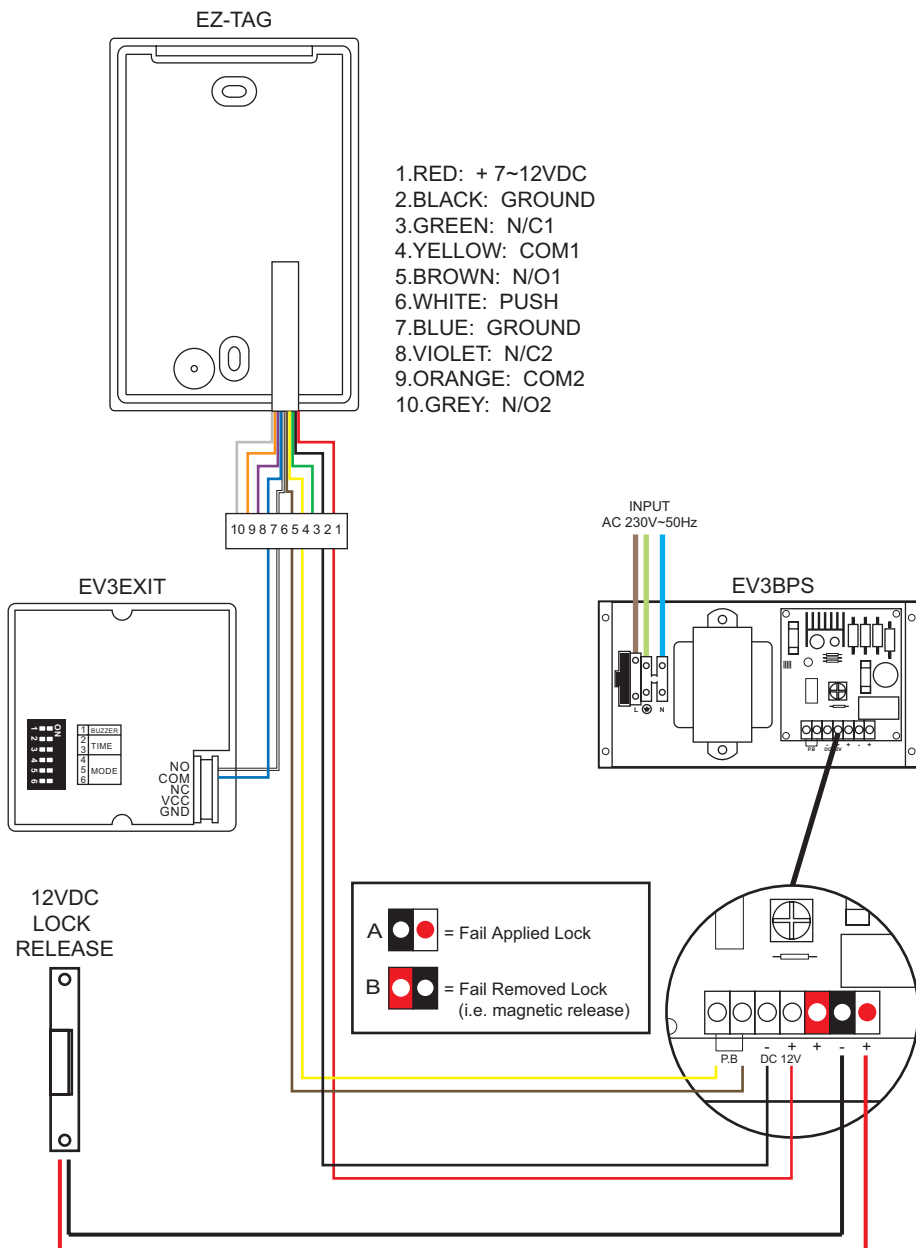
STAND ALONE DOOR CONTROLLER



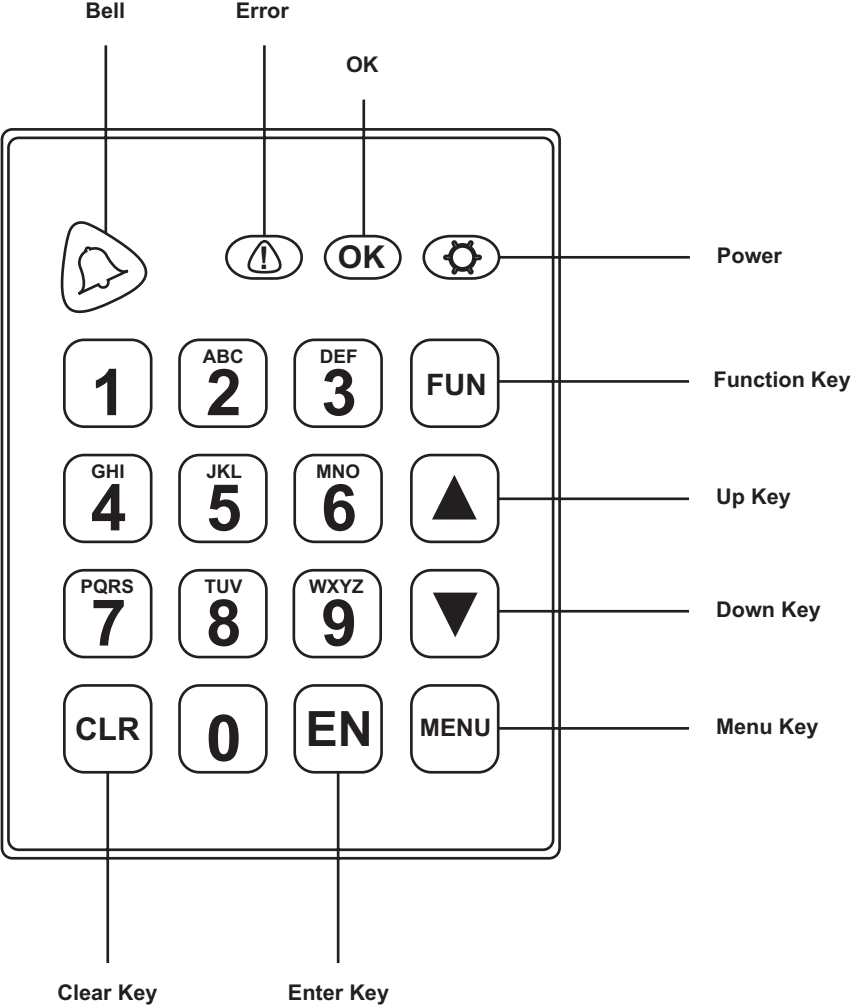
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Installation And Wiring instructions



Description of Controls



Programming Codes

Code	Description	Code	Description
2	Login/logout	44	Set A Global Group Pin #
31	Add A Group Of Tags	45	Set Group Pin #
32	Delete A Group Of Tags	46	Set A Set Pin #
33	Delete A Tag	47	Set An Install Pin #
34	Restore Deleted Tag	48	Reset To Default Value
41	Modify An Install Tag Pin #	53	Set Keytone
42	Add An Install Tag	61	Set Relay For N/O - N/C
43	Delete An Install Tag	62	Set Relay Timer

The reader works on 13 volts DC with a maximum operating load of 200ma.

The standby load is 118ma.

The relay outputs have a maximum carrying load of 1amp at 12 volt DC this must not be exceeded.

The system can be set for pin, prox-tag or both.

To programme the reader you will need to register at least one tag as an install tag. (You will need this to gain entry into the programming mode)

The install tag will allow you to programme the system for further tags, set pin numbers and set the system timings.

The system will Logout automatically after two minutes of in-activity.

Data can be entered into the keypad when  is flashing.

When the  and the  are both flashing a proximity tag must be presented.

Setting the master prox-tag

Apply 12 volts dc power observing correct polarity to the red (+) and black (-) cable. Once power is applied a short tone will be emitted from the reader and the power  indicator will be illuminated.

 and  will also become illuminated and a short tone will be emitted every 5 seconds.

Within 12 seconds present a tag to the front of the reader .

Remove the tag from the reader and a long tone will be heard indicating that the setting of the tag is complete.

Note: This process is only necessary when applying power to the system for the first time and it is recommended that you use the tag with lowest number first.

How to access the programming mode

Press   and .

 and  will begin to flash.

Present the install tag to the front of the keypad (a short tone will be heard followed

by  flashing).

Enter pin number (default 1234) and press  (a long tone will be heard followed

by  flashing).

You will now be able to programme the system.

Important: You must follow this procedure before any programming can be done.

Once programming is complete

Press   and  (a long tone will be heard).

The system is now in standby mode.

How to add a group of tags using the tag numbers

Press    and 



will begin to flash.

Now press  



will begin to flash.

Now select the group number to be added (01~20) and press 

When  begins to flash key-in the 10 digit tag number of the first tag of the group to be added

followed by  (lowest number first)

Two bleeps will be heard.

When  begins to flash again key-in the 10 digit tag number of the last tag of the group to be

added followed by  (highest number last)

 will be illuminated for 1 second followed by a long tone.

*Note: It is important that groups are made up of consecutive numbers. Any tag with a number between the highest and lowest in the group will be included.
A maximum of 600 tags can be assigned to a group.*

How to add a group of tags using the tags

Press    and 



will begin to flash.

Now press  



will begin to flash.

Now select the group number to be added (01~20) and press 



When



and

begins to flash present the first tag of the group to be added

followed by  (lowest number first)



When



and

begins to flash again present the last tag of the group to be

added followed by  (highest number last)

 will be illuminated for 1 second followed by a long tone.

Note: It is important that groups are made up of consecutive numbers. Any tag with a number between the highest and lowest in the group will be included. A maximum of 600 tags can be assigned to a group.

How to delete a group of tags

Press    and 



will begin to flash.

Now select the group number to be deleted (01~20) and press 

 will be illuminated for 1 second followed by a long tone.

How to delete a single tag with the tag number

Press **FUN** **DEF 3** **DEF 3** and **EN**



will begin to flash.

Press **0** and **EN**



and



will begin to flash.

Now key-in the ten digit tag number followed by **EN**

OK will be illuminated for 1 second followed by a long tone.

How to delete a single tag using the tag

Press **FUN** **DEF 3** **DEF 3** and **EN**



will begin to flash.

Press **1** and **EN**



will begin to flash.

Now present the tag to the reader.

OK will be illuminated for 1 second followed by a long tone.

How to restore a tag using the tag

Press    and 



will begin to flash.

Now present the tag to the reader.

 will be illuminated for 1 second followed by a long tone.

Note: The tag will be restored back to it's original setting i.e. in a group

How to change the pin number of an install tag

Press    and 



will begin to flash.

Key-in the new pin number and press 



will begin to flash.

Key-in the new pin number again and press 

 will be illuminated for 1 second followed by a long tone.

How to add additional install tags

Press    and 



and



will begin to flash.

Now present the new tag to the reader.

 will be illuminated for 1 second followed by a long tone.

Note: A maximum of 4 install tags can be programmed to the system.

How to delete an install tag using the tag number

Press    and 



will begin to flash.

Press  and 



will begin to flash.

Now key-in the ten digit tag number followed by 

 will be illuminated for 1 second followed by a long tone.

Note: At least one install tag must remain programmed to the system at all times.

How to delete an install tag using the tag

Press    and .

 will begin to flash.

Press  and .

 and  will begin to flash.

Now present the tag to the reader.

 will be illuminated for 1 second followed by a long tone.

How to program a global group pin number

Press    and .

 will begin to flash.

Key-in a four digit pin number and press .

 will begin to flash.

Key-in a four digit pin number again.

 will be illuminated for 1 second followed by a long tone.

Note: The global pin will only work if a pin set is in use (see page 11).

How to program a single group pin number

Press **FUN** **4** **5** and **EN**



will begin to flash.

Key-in a group pin number (01~20) and press **EN**



will begin to flash.

Key-in a four digit pin number and press **EN**



will begin to flash.

Key-in the four digit pin number again and press **EN**

OK will be illuminated for 1 second followed by a long tone.

Note: A group pin number will only work in conjunction with a tag group.

How to program a set pin number

Press **FUN** **4** **6** and **EN**



will begin to flash.

Key-in the set number (01~05) and press **EN**



will begin to flash.

Key-in a four digit pin number and press **EN**



will begin to flash.

Key-in the four digit pin number again and press **EN**

OK will be illuminated for 1 second followed by a long tone.

How to program an install pin number

Press    and 



will begin to flash.

Key-in the new four digit pin number and press 



will begin to flash.

Key-in a four digit pin number again and press 

 will be illuminated for 1 second followed by a long tone.

Note: When changing any pin number an entry of 0000 will delete the existing pin number.

How to clear system with tag data remaining intact

Press    and 



will begin to flash.

Now press  and 



will be illuminated for 5 seconds followed by a long tone.

How to clear all system data including tag data

Press    and 



will begin to flash.

Now press  and 

  will be illuminated followed by a buzzer.

   will be illuminated for 5 seconds followed by a long tone.

Note: Wait 2 minutes for the system to fully reset before re-programming.

How to enable key tones

Press    and 



will begin to flash.

Now press  and 

 will be illuminated for 1 second followed by a long tone.

How to disable key tones

Press **FUN** **5** **3** and **EN**



will begin to flash.

Now press **0** and **EN**



will be illuminated for 1 second followed by a long tone.

Note: Key tones are enabled as default

How to set relays as n/o

Press **FUN** **6** **1** and **EN**



will begin to flash.

Now press **1** and **EN** for relay one or press **2** and **EN** for relay two.



will begin to flash.

Now press **1** and **EN**



will be illuminated for 1 second followed by a long tone.

How to set relays as n/c

Press **FUN** **MNO 6** **1** and **EN**



will begin to flash.

Now press **1** and **EN** for relay one or press **ABC 2** and **EN** for relay two.



will begin to flash.

Now press **0** and **EN**

OK will be illuminated for 1 second followed by a long tone.

How to set the relay operating time

Press **FUN** **MNO 6** **ABC 2** and **EN**



will begin to flash.

Now press **1** and **EN** for relay one or press **ABC 2** and **EN** for relay two.



will begin to flash.

Now press **0** and **EN** (not used), **1** and **EN** (lock release)

or **ABC 2** and **EN** (door bell).

Now press key-in the required relay operating time (001~255 sec) and press **EN**

A long tone will be heard.

User Guide

The EZ-TAG should have the power indicator  illuminated at all times for the following operations to work correctly. If not please contact your maintenance engineer.

Note: If an invalid pin or tag is used  will be illuminated for 1 second and the error buzzer will sound.

Using a tag only

Present a valid tag to the front of the keypad.

 will illuminate for one second and a short tone will be heard.

The door will now be released for the set time period.

Using a pin number only

Press 



will begin to flash

Enter a valid 4 digit pin number and press 

The door will now be released for the set time period.

Using a tag and a pin number

Present a tag to the front of the keypad (a short tone will be heard followed



by  flashing).

Enter a valid 4 digit pin number and press 

The door will now be released for the set time period.

Using the door bell function

Press  to operate door bell function.

Troubleshooting Guide

No illumination from power  indicator:

Check that the unit is receiving 13VDC and that correct polarity has been observed.

Error tone is heard when presenting a tag to the system:

Make sure the tag is programmed into the system.

Error is heard tone when entering a pin number:

Make sure the pin number is programmed into the system.

Nothing happens when entering a pin number:

Make sure to press the  key before entering the pin number and  after the pin number is entered.

Door release is operating in reverse:

Make sure the relay is programmed correctly i.e. n/c or n/o (see pages 14 & 15)

Door release not operating for the desired length of time:

Extend the relay operating time (see page 15)

If the Master tag is lost:

Contact the installer of the equipment or ESP technical support.

Specification

CARD TYPE	EM
FREQUENCY	125KHz
MAXIMUM TAG READ DISTANCE	150mm
NUMBER OF TAGS	MAX.12000 (CONTINUOUS NUMBER OF 20 SETS)
CONTROL DOOR	1
DIGITAL OUTPUT	2 RELAY OUTPUTS (PROGRAMMABLE):24VDC/1A
DIGITAL INPUT	2 INPUTS (PROGRAMMABLE)
USER PASSWORD	4 DIGITS
INDICATOR	4 LED'S (POWER/OK/ERROR/BELL)
KEYPAD	17 KEYS
BACKLIGHT	LED
BUZZER	YES (PROGRAMMABLE)
WEATHER PROOF	YES
CASE MATERIAL	PC + ABS
OPERATING TEMPERATURE	-20° C ~ 55° C
STORAGE TEMPERATURE	-25° C ~ 85° C
POWER SUPPLY INPUT	DC 7V ~ 12V / MIN 300MA
DIMENSIONS	81WX123HX21D

Contents

DESCRIPTION	QTY
TAG	10
KEYPAD	1
SURFACE/FLUSH MT BACK BOX	1
GASKET	1
GROMMET	1
FIXING SCREW	6
CONNECTOR STRIP	2
CAPACITOR FOR USE WITH LOCK RELEASE	1

IF YOU REQUIRE FURTHER ASSISTANCE
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0121 786 1881

SEND A FAX

0121 789 8055

OR AN E-MAIL VIA OUR WEBSITE

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