

ELITE S ACCESS CONTROL PROGRAMMING

This sheet will tell you how to wire and program an Elite S control panel, to use some of its advanced access control features.

There are many different configurations available, we will show the recommended way to control an electric lock, using one of the Prox Reader keypads.

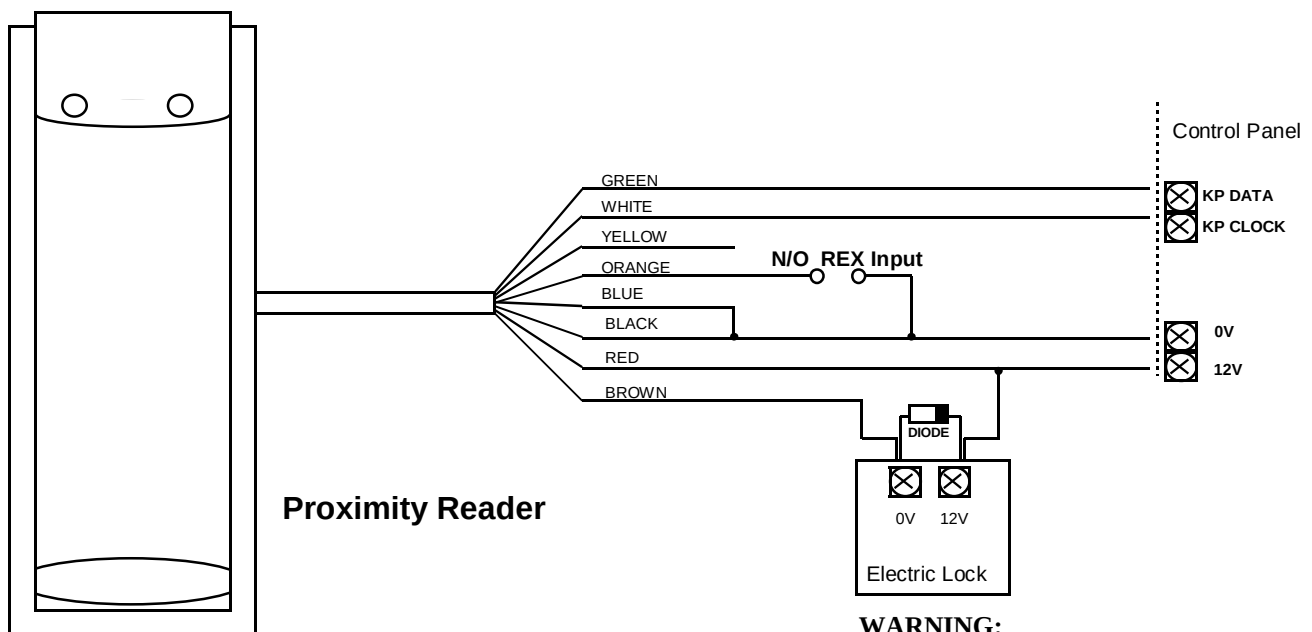
Here is the list of steps required:

- 1 -Address to Prox Reader.
- 2 -Giving Prox Reader Permission to use Outputs.
- 3 -Loading Prox Tags.
- 4 -Giving Tag the correct Permission.
- 5 -Mapping the Prox LED to follow an Output.
- 6 -Output reset time.

Here is the list of steps for setting up a REX (Request to Exit) button:

- 7 -Prox Reader Input Mapping.
- 8 -Input set to Chime.
- 9 -Mapping Chime Alarms to Outputs.
- 10 -Output Chime Timer.

WIRING DIAGRAM:



WARNING:

The MAX Current of the lock must not exceed 300mA, if you are running it from the Alarm power supply.

Programming:

All the instructions below require you to be in Installer mode, before entering any Programming options.

1. Addressing Prox Reader:

To load a Prox Reader, you must first wire the reader into the Keypad Bus of the Elite S control panel and power the system up. A standard LED or LCD keypad must also be wired in.

Have a Prox Tag ready, you will need to present this at the Prox Reader after you have entered the address code. On the standard Keypad enter program mode. Then Press **Program 9 9 Enter**, now press the keypad number you wish to assign **1-8** and then **Enter Enter**. The keypad will start beeping, go to the Prox Reader you are addressing and present a **Prox Tag 5 Times**. That Prox Reader is now addressed.

(we recommend assigning it to 8, as this address also maps the Keypad Output to 8).

Example: **P 9 9 E 8 E E** (keypad will start beeping) **Present Prox Tag 5 Times**, Reader is Now Addressed.

2. Giving Prox Reader Permission to use Outputs.

Even though the Prox reader has an onboard output, you still need to give it permission to use it. So to allow the Prox permission press, **Program 8 2 Enter**, then the address number of the Prox reader **1-8** you are setting and **Enter**. Now press the number of the Output **1-8** you are allowing it to control and **Enter** to confirm. (In most normal installations these would be the same number).

Example: **P 8 2 E 8 E 8 E** (Prox Reader 8 is now allowed to control Output 8)

3. Loading Prox Tags:

Prox Tags are loaded under users. The Elite S can have up to 100 users, that all have the option of being Prox Tags. When you learn a Prox Tag into a slot on the panel, it will automatically change that user to become an Access Tag/Card User, under user type. To learn a Prox Tag, press **Program 2 1 Enter**, then put in the user slot you wish to learn from **1-100**. (We recommend keeping user slots 1-10 empty for standard pin code users). Once you've selected the user number, press **Enter Enter**, the Keypad will start beeping, take the Prox Tag you wish to load in and present it to a Prox Reader. The Prox Reader will beep and the LCD Keypad will display FOUND.

Example: **P 2 1 E 1 1 E E** (keypad will start beeping) **Present Prox Tag**, that Prox Tag will be loaded as User 11
Note. You can not load the same Prox Tag in 2 different Slots.

4. Giving Tags the Correct Permission:

Each Prox Tag must have its Permission set individually. The Factory Permission is 'User can arm and disarm', this is not wanted, so to turn off the options press **Program 4 Enter**, followed by the user that is to be changed **1-100** and **Enter**. The display will now show what options are ON for that user. (1, 3 & 4 are the default). To turn all OFF press **0** then **Enter**. The display will go blank, the options have been removed.

Example: **P 4 E 1 1 E 0 E** (user 11 has just had permission to Arm and Disarm removed)

When the Prox Reader was addressed, its onboard Output was also mapped to the same number. You now need to give Permission to each Prox Tag, to allow them to control that Output. (As recommend again use Output 8).

To allow Permission for user to use an Output press, **Program 1 2 Enter**, then the user you what to change **1-100** then **Enter**. Now press the Output number you want it to control **1-8** (that number will light up on the KP), Press **Enter** to confirm.

Example: **P 1 2 E 1 1 E 8 E** (user 11 has just been allowed to control output 8)

You now need to tell the panel what the Prox Tag can do to the Output. In this situation we need to turn on the Output which will open the door. Press **Program 1 3 Enter**, followed by the user you what to change **1-100** then **Enter**. Now press the number of the output you what to turn ON **1-8** (should be the same number as before). Press **Enter** to confirm.

Example: **P 1 3 E 1 1 E 8 E** (user 11 has just been allowed to turn ON output 8)

5. Mapping the Prox LED to follow an Output.

This is not a critical thing to be done, but it is a very nice feature for the end user. What it does is map the LED inside the Prox Reader to an output, which in this case is the Lock output. So when the Lock is Unlocked the light comes ON and the door can be opened. To enable this feature press **Program 9 8 Enter**, then select the output **1-8** you wish to map then **Enter**. Now press the Prox Reader number **1-8** that the LED is on then **Enter** to confirm.

Example: **P 9 8 E 8 E 8 E** (the LED on Prox Reader 8 is now mapped to Output 8)

6. Output Reset Time:

The default reset time for any output is 300 seconds, this is too long for most doors to be unlock for. (We suggest a small time interval of about 10 seconds for a security access door). To change the reset time, press **Program 4 0 Enter**, followed by the output **1-8** you wish to change then **Enter**. Now put in the new reset time you want (in seconds) **0-9999** then **Enter** to confirm.

Example: **P 4 0 E 8 E 1 0 E** (Output 8 has just had its reset time changed to 10 seconds)

7. Prox Reader Input Mapping.

Each Prox Reader has an Input, that can be mapped to an Input on the control panel. This is a very simple Non-EOL input, that is triggered when it is taken to 0 volts. When this feature is turned on, the standard Input that it is mapped to on the panel will not work. What Input you can map to depends on what Address the Prox Reader is assigned to. For example Prox Reader 1 can only work Input 1 or 9, Prox Reader 8 can only work Input 8 or 16. To activate this Input, press **Program 1 2 2 Enter**, then select the Input you wish to map to **1-16** then **Enter**. You then need to turn **ON** option **4** and press **Enter** to confirm.

Example: **P 1 2 2 E 8 E 4 E** (Input 8 has now been mapped to Prox Reader 8)

8. Set an Input to Chime Mode:

When an Input is set to Chime mode it will no longer cause an alarm activation when it is armed. To turn on this feature, press **Program 1 2 3 Enter**, then put in the zone number **1-16** you wish to change then **Enter**. (This should be the same number as assigned to the Reader). Now turn **ON** option **7** then **Enter** to confirm.

Example: **P 1 2 3 E 8 E 7 E** (Input 8 has just been told it's a Chime Zone)

9. Mapping Chime Alarms to Outputs:

Each Chime Zone can be set to a different Output. You will need to set it to the same Output as before. To map an output, press **Program 1 3 1 Enter**, followed by the Chime Zone **1-16** you're mapping then **Enter**. Now select the Output **1-8** then **Enter** to confirm.

Example: **P 1 3 1 E 8 E 8 E** (Input 8 has just been mapped to Output 8)

10. Output Chime Timer:

The Outputs have a different reset timer when triggered by a Chime Input. To change the Chime Timer, press **Program 4 1 Enter**, then select the Output **1-8** you wish to change then **Enter**. Now enter the new time **0-255** (1 = 1/10 of a second, so 10 = 1 second) press **Enter** to confirm.

Example: **P 4 1 E 8 E 1 0 0 E** (Output 8 Chime Timer is now 10 seconds)



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