

Blighted Labs 2FA Door-o-Matic Owners Manual

Introducing the Blighted Labs Door-O-Matic 2FA system, the ultimate solution for secure access control. With this innovative system, you can easily and securely control access to your building or facility. The Door-O-Matic uses two-factor authentication to ensure that only authorized users can gain entry, adding an extra layer of security to keep your space safe and secure. Plus, the system is easy to use and install, making it the perfect choice for any business or organization looking to improve their security. Don't settle for anything less than the best – choose the Door-O-Matic 2FA system from Blighted Labs today!

Installation Instructions

To install your Door-O-Matic 2FA system, follow these simple steps:

1. Start by mounting the door lock on your door using the included hardware. Make sure the lock is securely in place and able to latch properly.
2. Next, attach the keypad to the wall near the door. Use the included adhesive backing or screws to secure it in place.
3. Connect the keypad to the door lock using the included cable.
4. Plug the card reader into an electrical outlet and mount it near the door.
5. Connect the card reader to the keypad using the included cable.
6. Connect the keypad to the doorlock using the included cable.
7. Finally, mount the display on the wall near the keypad. Use the included adhesive backing or screws to secure it in place.

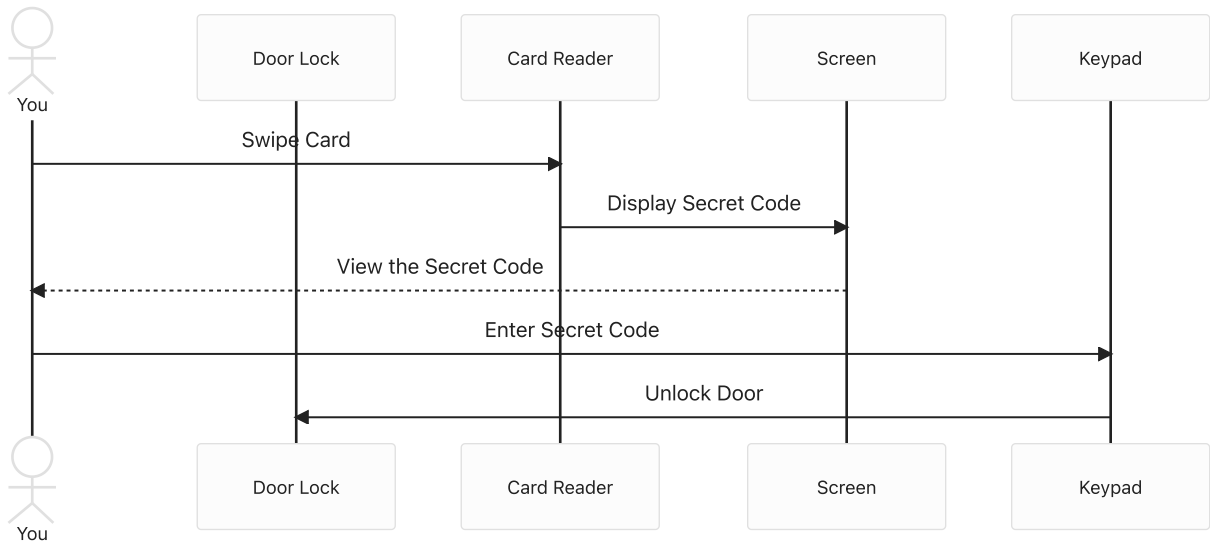
Congratulations, your Door-O-Matic 2FA system is now installed and ready to use!

Basic Operation

The basic components of the system are:

1. The Door Lock (upon which you wish to bestow additional security)
2. The Card Reader (wherein your staff will swipe their cards)
3. Screen (whereupon we shall display a secret code, based on the card swiped)
4. Keypad (where your staff shall enter the secret code on the pin pad to gain access and unlock the door)

This detailed technical diagram should answer all of your questions.



Legal Agreement

The Door-O-Matic 2FA system is provided "as is" without any warranties or guarantees of any kind. In no event shall Blighted Labs be liable for any damages arising from the use or inability to use the Door-O-Matic 2FA system. The user assumes all risks associated with the installation and use of the system. Blighted Labs does not make any representations or warranties regarding the compatibility of the Door-O-Matic 2FA system with any other products or systems. The user is solely responsible for ensuring that the Door-O-Matic 2FA system is suitable for their intended use and meets their specific requirements. By using the Door-O-Matic 2FA system, the user acknowledges and agrees to these terms.

Appendix 1: Keycard to Screen Instructions

For increased security Door-o-Matic uses the enigmatic "Ellision 40x6 Oracle Display" which is controlled using the following three hyper efficient and incredibly intuitive instructions. The keycard contains a series of instructions which are used to generate the secret image used for authentication.

1. on AxB will turn **on** pixels in a rectangle in the top-left of the screen which is A pixels wide and B pixels tall.
2. rotate row y=A by B shifts all of the pixels in row A (0 is the top row) *right* by B pixels. Pixels that would fall off the right end appear at the left end of the row.

3. rotate column x=A by B shifts all of the pixels in column A (0 is the left column) *down* by B pixels. Pixels that would fall off the bottom appear at the top of the column.

Consider, for example, using the much simpler "Ellison 7x3 Oracle Display" (a 7 pixel wide by 3 pixel tall display) and the following script:

```
on 3x2
rotate column x=2 by 1
rotate row y=0 by 6
off 5x2
```

On startup, all pixels are off on Ellison displays.

```
.....
.....
.....
```

After executing `on 3x2`, the display would read:

```
###....
###....
.....
```

After executing `rotate column x=2 by 1`, the display would read:

```
##.....
###.....
..#.....
```

After executing `rotate row y=0 by 6`, the display would read:

```
#.....#
###.....
..#.....
```

Finally, after executing `off 5x2`, the display would read:

```
#.....#
##.....
.....
```

In real usage, however, rather than gibberish, the screen will display a helpful code that must be entered into the keypad to gain access.