

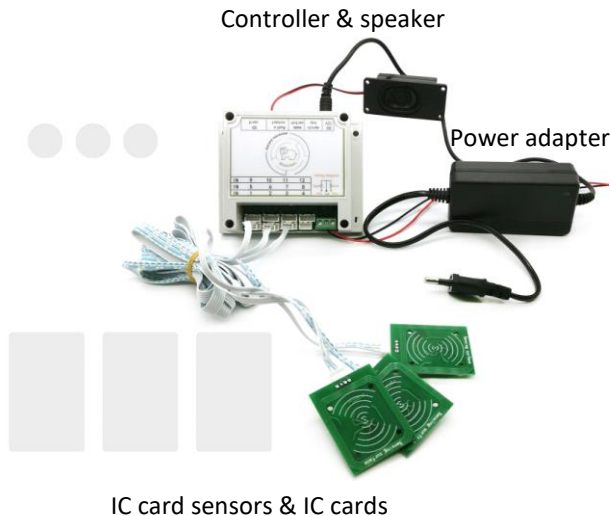
User Manual

IC Card Sensor Props

There is one controller connected with n(n:1-10, depends on the model) IC card sensors. When players put the correct IC card close to the correct sensor in the right sequence or simultaneous, the props will be triggered and the door lock will be opened.

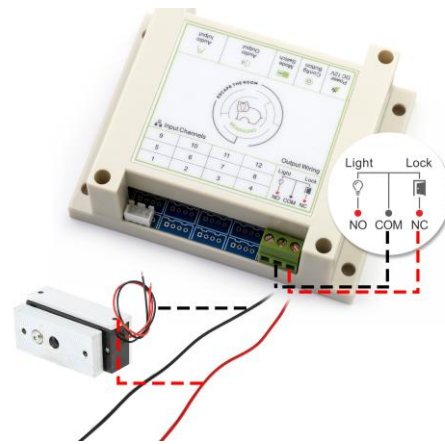
User can decorate the IC card into anything which fit for your room, and install the sensor under any non-metallic platform.

Hardware introduction



How to connect 12V electromagnetic lock

1. The red wire of the electromagnetic lock should connect to NC port of the controller. The black wire of the electromagnetic lock should be connected to COM port of the controller.
2. The props just support 12V electromagnetic lock, if the voltage exceeds 12V, it will not work properly.



Tips:

Props do NOT include electromagnetic locks.

Play

There are 2 kinds of playing modes in these props: Simultaneous mode and Sequence mode, it is easy to switch the playing modes by the settings switch.

Simultaneous mode

Step 1: There are some IC cards, for example 4 IC cards. Players have to find all the IC cards first.

Step 2: Players need put all the 4 IC cards close to the correct card sensors, then the props will be triggered and the door lock will be opened.

Sequence mode

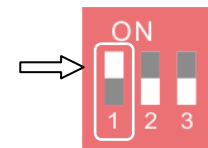
Step 1: There are some IC cards, for example 4 IC cards. Players have to find all the IC cards first.

Step 2: Player need to place the correct IC cards close to the correct IC card sensors in the correct order, then the props will be triggered and the door lock will be opened.

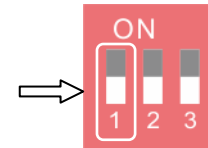
Modify the playing mode

There is a settings switch(next to the power port) to set up the playing mode, please switch the 1# settings switch to modify the playing mode.

Sequence mode: 1# up



Simultaneous mode: 1# down



Notice: Please modify the playing mode when the controller is turned off

Modify the trigger sequence in sequence mode

1. Power off the controller.
2. Modify the playing mode to sequence mode.
3. Keep holding the settings button (Next to the power port) and power on the controller until you heard the voice prompt then you can release the button.



4. Listen to the voice prompt and wait for the voice prompt to end
5. Put the correct IC cards one by one close to the correct IC card sensors with order you want to set. Each sensor could be sensed multiple times. That means that A1-A2-A3-A4 and A1-A2-A3-A4-A4 are in a different sequence, because sensor A4 is sensed twice. The controller supports up to 32-bit password.



6. Press the settings button again to save the sequence.
7. The controller will reboot automatically and then you could test the settings.

Modify the trigger channel in simultaneous mode

Power off the controller. Modify the playing mode to simultaneous mode. Then keep the same procedure of sequence mode. The only difference is one sensor could be sensed only once. You could disable any IC card sensor by do not put any IC card close to the sensor in settings procedure.

How to program new cards?

1. Power on the prop. Long press the button on the IC card sensor for 6 seconds, the IC card sensor will delete all the card settings in it. When the settings deleted, the old card could not be sensed.
2. Put a new IC card close to the IC card sensor, press the button on the IC card sensor, then the LED on the IC card sensor will be turned on. Then the new IC card has been programmed with the IC card sensor.
3. Please do not program multiple IC card at same time. Each IC card sensor supports binding 5 IC cards.

Reset

There are 3 ways to reset the props.

1. Automatically reset mode

Waiting for 1 minute to automatically reset after successful trigger.

2. Real Time reset mode

Sequence mode - After triggering successfully, put the IC cards close to the correct IC card sensors in the correct order again to reset.

Simultaneous mode - Take away all the IC cards from the IC card sensor to reset.

3. Manual reset

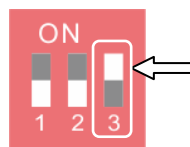
Restart the controller to reset.

Modify the reset mode

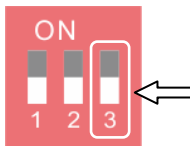
You could modify the reset mode with settings switch (next to the power port). Then restart the controller and the reset mode will take effect.



Automatically reset mode: 3# up



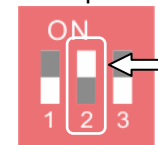
Real Time reset mode: 3# down



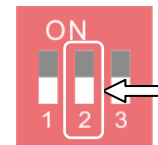
Turn off sound effect when triggering sensor

You could turn on or turn off playing the sound effect when putting the card close to the IC card sensor. Restart the controller to take effect.

Turn off sound effect: 2# up



Turn on sound effect: 2# down



Modify the voice files

1. Insert the USB cable to the controller, and connect the controller to your PC.



2. Open the removable disk shows in the PC, backup all the original files in the controller.
3. Replace the original file with your favorite sound file, the path and the file name cannot be changed, the audio file format must be in MP3 format.
4. If you want to format the removable disk, please format it to FAT format only. Please do not format it to FAT32, exFAT or NTFS format.

FCC Statement:

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.