Card Power Switch User's Manual

V1.0.0

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Important Safeguards and Warnings

Please read the following safeguards and warnings carefully before using the product in order to avoid damages and losses.

Note:

- Do not expose the device to lampblack, steam or dust. Otherwise it may cause fire or electric shock.
- Do not install the device at position exposed to sunlight or in high temperature. Temperature rise in device may cause fire.
- Do not expose the device to humid environment. Otherwise it may cause fire.
- The device must be installed on solid and flat surface in order to guarantee safety under load and earthquake. Otherwise, it may cause device to fall off or turnover.
- Do not place the device on carpet or quilt.
- Do not block air vent of the device or ventilation around the device. Otherwise, temperature in device will rise and may cause fire.
- Do not place any object on the device.
- Do not disassemble the device without professional instruction.

Warning:

- Please use battery properly to avoid fire, explosion and other dangers.
- Please replace used battery with battery of the same type.
- Do not use power line other than the one specified. Please use it properly. Otherwise, it may cause fire or electric shock.

Special Announcement

- This manual is for reference only.
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1 Overview

1.1 Product Introduction

Key card switch is a electricity control device used with room no. and time control in hotel guest room. It provides energy-saving and smart control of electricity in a hotel.

1.2 Feature

- RF57 card, RF50 card (order separately)
- Flexible control mode: no control, only room no. control, only time control, room no.+time control;
- If enable room no. control, then only key card of correct room is valid;
- If enable time control, then it auto becomes invalid when time is up.

Figure 1-1

1.3 Application

1. Hotel door lock system
2. Campus door lock system
3. Office door lock system

1.4 Specifications

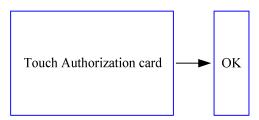| Work Voltage	220VAC
Work Current	<100mA
Support Lock	T5557 card door lock, M1 card door lock
External Dimensions	86mm x 86mm x 46mm
Environment	Work temperature：0～70℃ Storage temperature：-25～125℃ Humidity：relative humidity 5%～95%

2 Operation

1. Setup

   Key card switch has four work modes: no control, room no. only control, time only control, and room no.+time control.

   a) No control

   Mode note: only Mifare card or T5557 card are valid, without check room no. or time.

   Setup:

Touch Authorization card	→	OK

   b) Only Room No. control

   Mode note: for guest card, check room no., but time is not checked.

   Setup:

Touch Authorization card	→	Install room number	→	OK

   c) Only time control

   Mode note: For guest card, check if time is whinin validity range, but room no. it not checked.

   Setup:

Touch Authorization card	→	Correct time	→	OK

   d) Room No.+time control

   Mode note: For guest card, need to check room no., and check if time is within validity range.

   Setup:

Touch Authorization card	→	Install room number	→	Correct time	→	OK

Warning:

- Summary of setup: Swipe authorization card to clear control of room no. and time, then swipe installation card to enable room no. control. Swipe sync time card to enable time control.
- If you do not want room no. control, do not swipe installation card.
- If you do not want time control, do not swipe sync time card.
- If power is off, before power recovers, the switch will auto clear time control. If you want to enable time control again, please swipe sync time card again.
- Swipe clearance card once, to disable control of both room no. and time.
- You also may use LCD portable terminal to set if there are too many cards to be set.

Figure 2-1

2. Usage

1) Master card, building card, floor card, emergency card can be directly used, without limit of time and room no.

2) A guest card has control of room no. and time only if installation card and sync time card are both swiped at key card switch.

3. Sound and Light Prompt

For simpler troubleshooting, instructions of key card switch are in blue and red color. Insert card into the switch, and immediately take it out, what sound did you hear? What

color of light did you see? Please refer to the chart below.

Red Light	Blue Light	Status	Solution
-	NO	Card is valid, it is powering up	
-	Flash 2 times	Card is valid, operation is successful	
NO	-	No valid card is detected, power is cut off.	
Flash 1 time	-	Time error	Swipe sync card again, or reset guest card (adjust check-out time)
Flash 3 times	-	Room no. error	Swipe installation card again, or reset guest card (select correct room no.)
Flash 6 times	-	Authorization card error	Please swipe corresponding authorization card again of room lock
Flash 7 times	-	Switch has set room no., do not swipe installation card again.	Swipe authorization card or clearance card, then swipe installation card

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