

 Discover the Security & Comfort of Keyless Locks

Over 25,000 sold since 1997!

30-DAY 100% CUSTOMER SATISFACTION GUARANTEE

Sales & Support 9-5pm Mon-Fri Central Time

(630) 909-9504



E5-RF Proximity Card Lock

Product Overview & Programming Guide



E5-RF Proximity Card Lock



E5-RF Proximity Card Lock

Section: Table of Contents

E5-RF Proximity Card Lock

Table of Contents

Table of Contents.....2

Product Overview.....3

- Features.....3
- 4-Ways to Open.....3
- User Proximity Cards.....4
- Interchangeable Keyway.....4
- Two Modes of Operation.....4
- Retrofits on Standard Door.....4
- Specifications.....5
- Dimensions.....6

Programming Guide.....7

- General Information.....7
- Manufacture Default Setting.....7
- Steps to Setup a New Lock.....7
- Options to Operate the Lock.....8
- Vocabulary.....8
- How to Complete Different Functions.....9
- Examples.....12

Warranty Information.....13

Contact Information.....13



E5-RF Proximity Card Lock

Section: Product Overview

Product Overview

Features

- **Users can be deleted one-at-a-time:** Users can be temporarily disabled or deleted one-by-one or in groups without affecting other users on the lock.
- **Right or Left-Handed:** The E5-RF Proximity Card Lock is ambidextrous, which means it can be adjusted for a left or right handed door.
- **Internal Clock:** This lock has an internal computer that keeps track of time, so you can set up access time zones. This would allow access during only certain date/time ranges. The internal clock chip will keep the time running, so there is no need to reset it unless you change your time zone. It can even handle Daylight Savings time.
- **One time use codes:** You can program the E5-RF Proximity Card Lock with up to 10 one time use codes, which is useful if you want to allow a guest entry only 1 time.
- **Temporarily lock out:** You can also temporarily lock out all users on the E5-RF Proximity Card Lock in case of an emergency.
- **Automatically lock and unlock:** You can have the E5-RF Proximity Card Lock automatically lock and unlock at a specified time each day.
- **Easy-to-See Keypad:**
 - **Color-coded LED:** The E5-RF Proximity Card Lock has a color-coded LED blink feature on this door lock make it easy to use, even in the dark.
 - **Power Conservation Mode:** The lock can be turned off which will extend the battery life beyond the average of 10,000+ operations, which for most users is longer than 18 months.
 - **Keypad won't wear off:** The numbers on the key pad are underneath the clear buttons on the E5-RF Proximity Card Lock, so they won't wear off over time like other brands.



E5-RF Proximity Card Lock

4-Ways to Open

You can open this Proximity Card Entry Door Lock 4 different ways:

- Proximity card only
- Metal key
- Keypad only
- Proximity card and keypad (in combination for extra security)



E5-RF Proximity Card Lock

Section: Product Overview

User Proximity Cards

User Proximity Cards are used to open Proximity Card locks, once they are setup. Simply wave the key tags past the locks and it will automatically open.

Interchangeable Keyway

The mechanical key way is a standard Schlage SFIC (type of key) which can also be exchanged for one of your own, so that you can use your own propriety master key.

Or, this key way can be completely disabled, for added protection against lock picking and lock bumping. This is done by the manufacturer prior to shipping, so be sure to specify this in the special instructions box at checkout when you place your order.

Two Modes of Operation

The E5-RF Proximity Card Lock has two convenient operational modes:

1. *Storeroom Mode*: This is the most commonly used mode where a valid entry (a proximity card, keypad, or proximity card/keypad combination) is required each time to open the lock.
2. *Passage Mode*: This is a useful mode to use when you are going in and out a lot. When passage mode is enabled and your door closes. It will be latched, but not locked. To use this, just enable Passage Mode, then enter any valid entry (a proximity card, keypad, or proximity card/keypad combination) and your lock will remain unlocked until it receives another valid entry.



E5-RF Proximity Card Lock

Retrofits on Standard Door

Like all locks that we carry, this lock is designed for easy Do-It-Yourself installation on standard residential and commercial hinged doors.

Just remove the existing door handle or deadbolt and insert this one in its place. The batteries are in the inside lock body, so there is no external wiring to be done.



E5-RF Proximity Card Lock

Section: Product Overview

Specifications

Bolt	Adjustable latch bolt, U. L. Listed, solid brass
Back Set	Adjustable
Handle	Adjustable
Users	Up to 200
Proximity Card	MiFare
Deletion	Individually or in batches without affecting other users
Enrollment	Controlled from key pad
Key Pad	12 buttons
Key Override	SC4 Schlage 6 pin key, can be disabled or replace with your own SFIC
Power Supply	(4) AA batteries
Battery Life	10,000 or more operations, (usually 18+ months, depending on usage); visual and audio low battery warning usually 1-2 weeks in advance when when system drops below 4.8 volts.
Finish	Sliver
Lock Modes	Storeroom (auto-lock) mode or Passage (temporarily unlocked) mode
Hole in Door	Standard 2-1/8" diameter
Material	Zinc Alloy
Installation	Do-It-Yourself
Temperature	0°F to 120°F (-18°C to 50°C)
Exposure	The outside body of the lock is weather resistant but not weatherproof. If the lock is going to be exposed to harsh weather, we suggest you purchase an iButton Lock Cover. The inside body of the lock should be protected from exposure to water.
Door Thickness	1-3/8" ~ 1-3/4"
Memory Retention	Flash memory never loses memory even without power. Just reset the time – the E5-RF will retain your users and codes.
Warranty	1 Year



E5-RF Proximity Card Lock

Section: Product Overview

Dimensions

	Height	Width	Depth
Outside Lock Body (without handle)	6 in.	2-1/2 in	3 in
Inside Lock Body (without handle)	6 in	2-1/2 in	2-1/2 in
Outside Handle	1 in	5 in	1-3/4 in
Inside Handle	1 in	5 in	1-3/4 in
Trim Plate (optional)	9-1/2 in	3-1/2 in	1/32 in
Strike Plate	2-1/4 in	1 in	1/2 in



E5-RF Proximity Card Lock



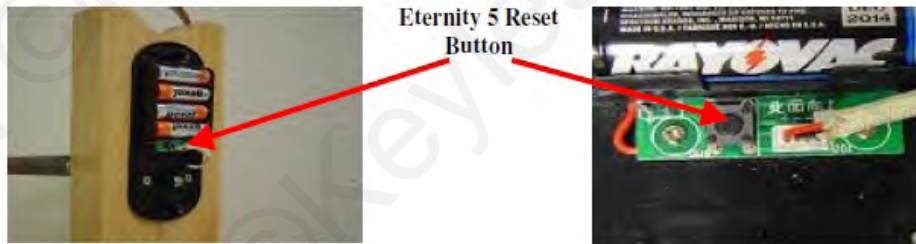
E5-RF Proximity Card Lock

Section: Programming Guide

Programming Guide

General Information

- **Unlocking indicator:** Green light flashing twice and beeps twice.
- **Locking indicator:** Red light flashing three times and beeps three times.
- **Low battery warning:** When the voltage drops below 4.8V, after entering a valid code, the red light will flash and beep five times.
- **Reset:** This will set the lock back to manufacture default. Press and hold the reset button for about 10 seconds (3 beeps with LED blink red). The reset button is located below the battery holder. (See Picture)
- **Exit setting mode:** Enter * to exit the setting procedure, or wait for 10 seconds



Manufacture Default Setting

- Daylight saving: Disabled
- Auto unlock/lock: Disabled
- Default programming code: 123456
- Lock mode: Storehouse
- Construction code: 0 #

Steps to Setup a New Lock

Note: please follow steps in order.

1. Change master code (For example, change code to 654321)
123456 # 11 # 654321 # 654321
2. Enable daylight saving (optional)
654321 # 31
3. Set lock time (optional) (For example, set time as January 23, 2008, 2:45PM)
654321 # 88 # 0801231445#
4. Add user code (For example, add 654321 to the lock)



E5-RF Proximity Card Lock

Section: Programming Guide

654321 # 01 #001# 654321 # #

5. Add MiFare Card (Optional)

654321 # 01 #002# Scan the MiFare card #

6. Set schedule for user code or MiFare card (see How to Program Schedule Week & Time)

Options to Operate the Lock

- Keycode: User Code, #
- MiFare Card: Scan the Card in front of RF reader above the keypad)
- MiFare Card+ Keycode: Scan the Card, LED glow green, enter user code, #
- One time service code: One time code, #
- Manual key: Turn the override key 90 degree clockwise, then turn the handle

Vocabulary

Master code: The master code (6 Digits Code) puts the lock into a programming mode. It won't lock/unlock the lock. When # sign is entered, the red LED starts to flash indicating the lock is in programming mode. If more than 6 seconds pass in between programming entries, the lock will return to normal operational status. For maximum security, it is necessary to change the default Master Code when you first receive the lock.

Construction code: Installer code is a default temporary code (0) for installer to testing the lock. The code will be deleted after the first new user code is added to the lock.

User code: User code (4-8 Digits) is the normal code for day-to-day operations.

Service code: Service codes (4-8 Digits) are used for a special purpose such as maintenance personnel or vendors. Service code only grants one time access. Total of 10 sets of service codes can be programmed to each lock.

Index #*: Each user code or MiFare Card is associate with a unique number, we call it index # (or slot #). The Index # starts from 001. The highest Index# will be 200. Total of 200 users can be added to each lock. (* Please log the user code along with its index # for future reference)

Passage mode: When Passage Mode is enabled, the lock will stay in unlocked status after first valid entry.

Storehouse mode (Lock-back mode): For each valid entry, lock will automatically lock back in 5 seconds.

Lockout mode: Enable the Lockout mode will freeze the lock at its current states (Lock or unlock), temporarily disable all the users. Re-enter the function code 99 to exit the lockout mode, and resume normal operation.



E5-RF Proximity Card Lock

Section: Programming Guide

Reset lock memory: Press and hold reset button for about 10 seconds with 3 short beeps; it will delete all the Users, and restore back to factory default setting.

Time format: 0830 = 8:30AM; 1730 = 5:30PM

Schedule Date: 1=Mon, 2=Tue, 3=Wed, 4=Thu, 5=Fri, 6=Sat, 7=Sun

How to Complete Different Functions

Insert the Function Code followed by {...} to complete the command

- **How to change master code (but not delete existing users)**

Function Code: 11#

{#}+{default master code#}+{11#}+{new master code#}+{new master code#}

- **How to change master code (and delete all existing users)**

Function code: 22#

{#}+{current master code#}+{22#}+{new master code#}+{new master code#}

- **How to enable daytime saving function**

Function Code: 31#

{#Master code#}+{31#}

- **How to disable daytime saving**

Function Code: 32#

{#Master code#}+{32#}

- **How to set date and time**

Function Code: 88#

{#Master code#}+{88#}+{yymmddhhmm#}

- **How to add one user code (no time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{index#}+{user code# # #}

- **How to add multi-user code (no time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{001#}+{user code(1)# # #}+{{002#}+{user code(2)# # #}}+{{003#}+{user code(3)# # #}}+ ... and more if needed

- **How to add one user access code (with time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{index#}+{user code#}+{yymmddhhmm#(start time)}+{yymmddhhmm#(ending time)}

- **How to add multi-user code (with time restriction)**



E5-RF Proximity Card Lock

Section: Programming Guide

Function Code: 01#

{#Master code#}+{01#}+{001}+{user code#(1)}+{yymmddhhmm#(start)}+
 {yymmddhhmm#(ending time)}+ {user code#(2)}+{002}+{yymmddhhmm#(start)}+
 {yymmddhhmm#(ending)} and more if needed

- **How to add one MiFare Card (no time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{Scan MiFare Card # #}

- **How to add multi-user MiFare Card (no time restriction)**

Function Code: 01#

{#Master code#}+{01#}={001#}+{ Scan MiFare Card (1) # #}+{002#}+{ Scan MiFare
 Card (2) # #} and more if needed

- **How to add user code + MiFare Card as dual user (no time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{index#}+{user code#}+{ Scan MiFare Card # #}

- **How to add one MiFare Card (with time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{index#}+{Scan MiFare Card}+{yymmddhhmm#(starting time)}+
 {yymmddhhmm#(ending time)}

- **How to add multi-MiFare key (with time restriction)**

Function Code: 01#

{#Master code#}+{01#}+{001#}+{Scan MiFare Card(1)}+{yymmddhhmm#(starting time)}
 +{yymmddhhmm#(ending time)}+ {002#}+{Scan MiFare Card(2)}+
 {yymmddhhmm#(starting time)}+{yymmddhhmm#(ending time)} and more if needed

- **How to disable one user code or MiFare Card**

Function Code: 02#

{#Master code#}+{02#}+{index #}

- **How to enable one user code or MiFare Card**

Function Code: 03#

{#Master code#}+{03#}+{index code#}

- **How to enable passage mode and schedule (lock back when the passage mode end)**

Function Code: 15#

{#Master#}+{15#}+{weekly schedule}+{#}+{begin time & ending time#}

- **How to disable passage mode**

Function Code: 16#

{#Master#}+{16#}

- **How to set up one time service code (up to 10 service codes)**



E5-RF Proximity Card Lock

Section: Programming Guide

Function Code: 33#

{#Master code#}+{33#}+{service code(1)#}+ {service code(2)#}+... and so on

- **How to delete one time service code**

Function Code: 23#

{#Master code#}+{23#}+{index#}

- **How to delete user code or MiFare Card with index #**

Function Code: 44#

{#Master code#}+{44#}+{index#}

- **How to enable auto-lock function**

Function Code: 67#

{#Master code#}+{67#}

- **How to Schedule auto-lock time**

Function Code: 66#

{#Master code#}+{66#}+ {weekly schedules}+{#}+{hhmm#}

- **How to disable auto-lock function**

Function Code: 68#

{#Master code#}+{68#}

- **How to enable / disable Lock-out mode (lock out all the users if enabled)**

Function Code: 99#

{#Master#}+{99#}

- **How to program scheduling by week & time**

Function Code: (45#)

1st enable daylight saving

2nd set up date & time (use 88# function code)

3rd adding user code or MiFare Card in advance (see No.5 or No.9 how to add user code & iButton)

4th program schedule (as below example)

Formula: {#master code#}+{function code#}+{user code# or MiFare Card}+{weekly schedule day}+{begin time & ending time#}



E5-RF Proximity Card Lock

Section: Programing Guide

Examples

- How to schedule with a "Code user"

Example: schedule for user code "2222" which will grant access Mon., Wed. and Fri., from 8:30AM to 5:30PM

#654321#	45#	2222#	135#	0830	1730#
Master Code	Function code	User code	Schedule	Start time	End Time

- **How to schedule with an "MiFare Card"**

Example: schedule for iButton user which will grant access Mon., Wed. and Fri., from 8:30AM to 5:30PM

#654321#	45#	MiFare Card	135#	0830	1730#
Master Code	Function code	MiFare Card	Schedule	Start time	End Time

- **How to schedule with "Key-code + MiFare Card"**

Example: schedule for code "2222" + MiFare Card which will grant access Mon., Wed. and Fri., from 8:30AM to 5:30PM

#654321#	45#	2222#	MiFare Card	135#	0830	1730#
Master Code	Function code	User code	MiFare Card	Schedule	Start time	End Time

- **How to schedule passage mode (also see number 16.)**

Example: schedule passage mode Monday to Friday, 8:30AM to 5:30PM

#654321#	45#	12345#		0830	1730#
Master Code	Function code	Schedule		Start time	End Time



E5-RF Proximity Card Lock

Section: Warrantv Information

Warranty Information

Most items sold are covered by a manufacturer's one-year parts warranty from the purchasing day. (Labor is not included).

Warranty does not include labor, travel charges, or any other costs incurred for repair, removal, installation, servicing, diagnosing or handling of either defective parts or replacement parts.

Contact Information

Sales:

Phone: (630) 909-9504

Email: LockOrders@KeylessEntryLocks.com

Technical Support:

Phone: (972) 492-0752

Email: Mail@UAccess-LLC.com