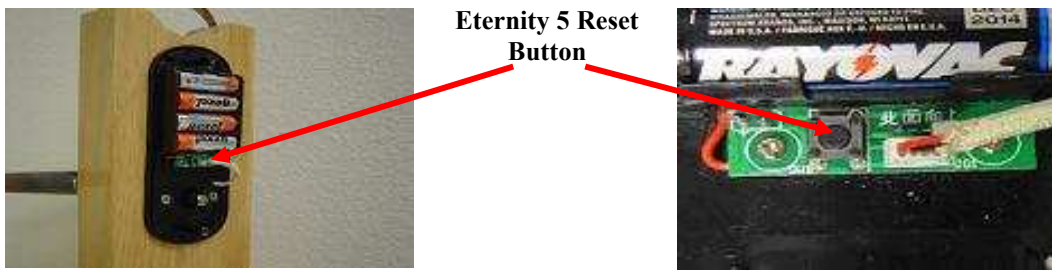


Last Updated: 09/18/2009

Eternity –5 (V7.8/V7.6/V7.5) Manual Operation Guide

General Information:

- **User Capacity:** 300
- **Access Option:** iButton, code, ibutton+code, manual key override
- **Code length (program / user / service code):** up to 12 digits
- **Index:** 0 ~ 299
- **Exit Setting:** Enter * to exit the setting procedure, or wait for 10 seconds
- **Low Battery warning:** When Voltage dropped below 4.8V, after enter a valid code, the red LED will flash and beep five times.
- **Reset Button:** To set the lock back to default setting **123456** & **clear all memory**, press and hold the reset button about 10 seconds (3 beeps with LED blink red). The reset button is located below picture



*** Attention: First Time User ***

First time setup a new lock (failure to follow the steps will not working properly)

1. Change programming code (For example, change to 6666)
{#123456#} {11#} {6666#} {6666#}
 2. Enable daylight saving (optional)
{#6666#} {31#}
 3. Set lock time (For example, set time as January 23, 2008, 2:45PM)
{#6666#} {88#} {0801231445#}
 4. Add use code (For example, add 1357 to the lock)
{#6666#} {01#} {1357# # #}
 5. Add iButton key (Optional)
{#6666#} {01#} {iButton key touch lock reader # #}
- ❖ **Setup schedule for user code or iButton key (see instructions below page 5.)**

Manufacture Default Setting:

- **Daylight Saving:** Disabled
- **Auto unlock/lock:** Disabled
- **Default Programming Code:** 123456
- **Lock Mode:** Storehouse

Types to operate the lock:

- **Keycode:** User Code, #
- **iButton:** iButton key touch lock reader
- **iButton+Keypad:** iButton touch lock reader, LED glow green , enter user code, #
- **One time service code:** One time code, # (up to 12 digits)
- **Manual key:** Turn the override key 90 degree clockwise, then turn the handle

Terms:

Programming code: The programming code puts the lock into a programming mode. It will not lock/unlock the lock. When #, **programming code**, # is entered, the red LED start to flash indicating the lock is in a programming mode. If more than 6 seconds pass in between programming entries, the lock return to normal operational state. For maximum security it is necessary to **change the default programming code**. The programming code also can be set as master code.

User code: User code is the Normal code for the day-to-day operations.

Service code: Service Codes are used for a special purpose such as maintenance personnel or vendors. Service Code only grants one time access. Up to 10 sets of service codes can be programmed to each lock

Index #: Each code or iButton will associate with a unique number, we call it index# (or slot#). The Index # is auto generated by lock processor and start with 0. The highest Index# will be 299; therefore up to 300 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 unlock after first valid entry. Re-enter a valid entry to lock back.

Storehouse mode: for each valid entry, lock will automatically lock back in 5 seconds.

Lockout: Enable the Lockout mode will freeze the lock at its current state (Lock or unlock), temporarily disable all the user codes and iButton keys. Re-enter the function code 99 to disable the lockout mode, and resume

Clearing lock memory:

Press and hold reset button for 10 seconds with 3 short beeps, it will delete all the codes and iButtons and restore factory default setting.

1. How to change programming code (and not delete existing user codes)

☐ Function Code: 11#

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

2. How to change programming code (and delete all existing user codes)

☐ Function code: 22#

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

3. How to enable daytime saving

☐ Function Code: 31#

- {#Master code#}+{31#}

4. How to set date and time

- ❑ Function Code: 88#
 - {#Master code#}+{88#}+{yymmddhhmm#}

5. How to add one user code (no time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{user code# # #}

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

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{user code(1)# # #}+{user code(2)# # #}+{user code3###} ... and so on

7. How to add one user access code (with time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{user code#}+{yymmddhhmm#(start time)}+{yymmddhhmm#(ending time)}

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

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{user code#(1)}+{yymmddhhmm#(start)}+{yymmddhhmm#(ending time)} + {user code#(2)}+{yymmddhhmm#(start)}+{yymmddhhmm#(ending)} ...and so on

9. How to add one iButton key (no time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{touch iButton # #}

10. How to add multi-user iButton key (no time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{iButton(1)# #}+{ibutton(2)# #} ...and so on

11. How to add user code + iButton key as dual security (no time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+{user code#}+{touch iButton# #}
*To access door: tab {iButton key}+{user code#} or {user code}+{touch iButton#}

12. How to add one iButton key (with time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+tab { iButton}+{yymmddhhmm#(start time)}+{yymmddhhmm#(ending time)}

13. How to add multi-iButton key (with time restriction)

- ❑ Function Code: 01#
 - {#Master code#}+{01#}+tab {iButton key(1)}+{yymmddhhmm#(start)}+{yymmddhhmm#(end time)}+ tab {iButton key(2)}+{yymmddhhmm#(start)}+{yymmddhhmm#(end time)} ...and so on

14. How to disable one user code or iButton key (with index#)

- ❑ Function Code: 02#
 - {#Master code#}+{02#}+{index #}

15. How to enable one user code or iButton key (with index#)

- ❑ Function Code: 03#
 - {#Master code#}+{03#}+{index code#}

16. How to enable passage mode and schedule (lock back when the passage mode end)

☐ Function Code: 15#

- {#Master#}+{15#}+{Schedule weekly}+{#}+{begin time + ending time#}

* Time Format: 0830 = 8:30am, 1730 = 5:30pm

Weekly Chart

Sun	Mon	Tue	Wed	Thu	Fri	Sat
7	1	2	3	4	5	6

17. How to Disable passage mode

☐ Function Code: 16#

- {#Master#}+{16#}

18. How to enable LED blink light (on & off)

☐ Function Code: 18#

- {#Master code#}+{18#}

19. How to disable daytime saving

☐ Function Code: 32#

- {#Master code#}+{32#}

20. How to Set up one time service code (one at a time, up to 10 service codes)

☐ Function Code: 33#

- {#Master code#}+{33#}+{service code#}

21. How to delete user code or iButton key (with index)

☐ Function Code: 44#

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

22. How to delete user code or iButton key (without index#)

☐ Function Code: 46#

- {#Master code#}+{46#}+{user code#} or {touch iButton#}

23. How to de-active user code / iButton key (without index#)

☐ Function Code: 48#

- {#Master code#}+{48#}+{user code#} or {touch iButton#}

24. How to In-active user code / iButton key (without index#)

☐ Function Code: 47#

- {#Master code#}+{47#}+{user code#} or {touch iButton#}

25. How to enable auto-unlock function

☐ Function Code: 64#

- {#Master code#}+{64#}

26. How to setup auto-unlock time (it will auto unlock the door everyday at assigned time)

☐ Function Code: 63#

- {#Master code#}+{63#}+{HHMM#}

27. How to disable auto-unlock function

☐ Function Code: 65#

- {#Master code#}+{65#}

28. How to enable auto-lock function

☐ Function Code: 67#

- {#Master code#}+{67#}

29. How to setup auto-lock time (it will auto lock the door everyday at assigned time)

❑ Function Code: 66#

➤ {#Master code#}+{66#}+{HHMM#}

30. How to disable auto-lock function

❑ Function Code: 68#

➤ {#Master code#}+{68#}

31. How to enable / disable Lock-out (lock out all users if enabled)

❑ Function Code: 99#

➤ {#Master#}+{99#}

32. How to program schedule week & time with Function Code: (45#)

- 1st enable daylight saving
- 2nd set up date & time (use 88# function code)
- 3rd adding user code or iButton key in advance (see above how to add user code & iButton)
- 4th program schedule (as below)

Weekly Chart

Sun	Mon	Tue	Wed	Thu	Fri	Sat
7	1	2	3	4	5	6

Formula: {#master code#}+{function code#}+{user code# or iButton}+{select week number#}+{beginning time & ending time#}

• How to program schedule with an “user code”

Example: {#23456# + 45# + 2222# + 135# + 08301730#} ; Timing: 0830= 8:30am ; 1730=5:30pm

#23456#	45#	2222#	135#	0830	1730#
Master code	Function code	User code	Mon/Wed/Fri	Beginning time	Ending time

Warning: failure to pre-set {user code} before start program schedule will block to continuing...

• How to program schedule with “iButton Key”

Example: {#23456# + 45# + iButton + 135# + 08301730#}

#23456#	45#	iButton key	135#	0830	1730#
Master code	Function code	iButton	Mon/Wed/Fri	Beginning time	Ending time

Warning: failure to pre-set {iButton key} before start program schedule will block to continuing...

• How to program schedule with “Key-code + iButton”

Example: {#23456# + 45# + user-code# + iButton + 135# + 08301730#}

#23456#	45#	User-code# + iButton	135#	0830	1730#
Master code	Function code	user code + iButton	Mon/Wed/Fri	Beginning time	Ending time

Warning: failure to pre-set {dual security code} before start program schedule will block to continuing...