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E75K Series

Stand Alone Electronic Lockset

Programming Guide



User Programming

Each user must be assigned a 4 to 6 digit PIN code and assigned to 1 of the 32 available user groups. Group 06 by default has 24/7 access rights but no programming rights. User 01 is the administrator and had all programming and access rights. User 01 is the only administrator.

Add a User: 01# User No.# PIN Code # Pin Code # Group No.#

Example: Press 01# 04# 5555# 5555# 06#
You have just added User #04 with a PIN of 5555.
User 4 has also be assigned to group 06 (24/7 access).

Delete a User: 02# User No.#

Example: Press 02# 04#
You have just Deleted User #04

Change a User PIN Code: 03# User No.# New PIN Code # New Pin Code

Example: Press 03# 05# 1220# 1220#
You have just Changed User #05's Pin code to 1220
The Administrator's PIN code must be 6 digits in length. All other PIN codes may be 4-6 digits in length

Change a User Group: 04# User No.# New user Group

Example: Press 04# 05# 02#
You have just Changed User #05's group to Group 02.

Enable a User: 26# User No.#

Example: Press 26# 04#
You have just re-enabled User #04 .

Disable a User: 27# User No.#

Example: Press 27# 04#
You have just disabled User #04 . It re-enable this user, use Function 26

Any user (except the Administrator) can be made a temporary user by assigning a temporary period start date and an end date. Once the temporary period has expired, the user is either deleted from the system or is set to disabled status. Disabled users can be enabled again by using function 26.

Assign User as Temporary : 35# Start Date# End Date#

Example: Press 35# 08# 030113# 123113#
User 08 is set as a temporary user and will become active on 03/01/2013. On 12/31/2013 user 08 will either be disabled or deleted from the system.

User = 02-3000
Start Date = MMDDYY
End Date = MMDDYY

MM = 2 digit Month
DD = 2 digit Day
YY = 2 digit Year

Delete Temporary Users when Expired: 28# Status

Example 1: Press 28# 0#
Temporary users will be disabled but not deleted.

Status = 0 Disable (default)
1 Delete

Example 2: Press 28# 1#
Temporary users will be deleted when expired.

Group Programming

By default, group 06 is set for Access 24/7 and is automatically enabled. Groups 02 through 32 must have an access schedule or schedules (up to 3) assigned to them and then enabled. A group that does not have at least one access schedule assigned to it cannot be enabled.

4 levels of programming rights and authority are pre-assigned to user groups as follows:

- Group 01 **Administrator:** Full Programming Rights (Only 1 user is the only one in this group.)
- Group 02 **Managers:** May perform programming functions 1-39 (except Function29)
- Groups 03-05 **Supervisors:** May perform programming functions 01,02 & 04.
- Groups 06-32 **User:** *No programming rights.* Access granted upon proper PIN and group access.

To Create/Enable a group:

- 1) Create or use an existing Access Schedule(s) [Function34]
- 2) Assign an Access Schedule(s) to the group [Function 33]
- 3) Enable the group [Function 24]

Create Access Schedule: 34# Schedule No.# Days # Period Start Time# Period End Time#

Example: Press 34#  02#  8#  0700#  1600#  

Access Schedule 02 will enable access Monday thru Friday between 7am and 4pm.

Schedule No. = 01-32

Period Start Time = HHMM (24hr format)

Period End Time = HHMM (24hr format)

Days = Day(s) of the week:

0 = no access

1 thru 7 = Days of the week [Mon=1 Tues=2 ..Sun=7]

8 = Monday thru Friday

9 = Saturday & Sunday

10 = All Days

11 = Override Holidays





Create Group Schedule: 33# Group No# Schedule No 1# Schedule No 2# Schedule No 3#

Example: Press 33#  04#  08#  #  #  

Access schedule 08 has been assigned to user group 04

Schedule No. = 01-32

Enable a Group: 24# Group No.#





Example: Press 24#  02#   

You have just enabled user group #02 .

Group No. = 02-32

Note: Group 06 is the 24/7 group and is always enabled.

Disable a Group: 25# Group No.#





Example: Press 25#  02#   

You have just disabled user group #02 .

Group No. = 02-32





Note: Group 06 is the 24/7 group and cannot be disabled.

2 User Codes Required for Entry: 40# Status

Example 1: Press 40#  0#   

One user code required for entry.

Status = 0 One user (default)
1 Two Users





Example 2: Press 40#  1#   

Two user codes required for entry.

Access Card Programming (Prox Units Only)




Each card user must be assigned to 1 of the 32 available user groups. Group 06 by default has 24/7 access rights but no programming rights. User 01 is the administrator and has all programming and access rights. User 01 is the only administrator.

Add a Card: 06# User No.# Present Card

Example: Press 06#  04#  Present Card #  








You have just added a card as User #4.
User 4 has also be assigned to group 06 (24/7 access).

Delete a Card: 02# User No.#

Example: Press 02#  04#  






You have just Deleted User #04

Batch Enroll Cards (Non Sequential Cards): 07 # 1st User No.# Total Number of cards to Add# Present 1st Card , 2nd Card ,..... Last card#

Example: Press 07#  05#  03#  Present 1st Card  2nd Card  3rd Card  






You have just enrolled the 3 presented cards. They are users 05,06 & 07.
All of the cards were assigned to group 06 (24/7 access).

Batch Enroll (Sequential Cards): 08# Starting User No.# Present 1st Card

Example: Press 08#  05#  06#  Present 1st Card  

You have just enrolled a 3 sequentially numbered cards. They are users 05,06 & 07.
All of the cards were assigned to group 06 (24/7 access).

Add/Change a User PIN Code: 03# User No.# New PIN Code # New Pin Code

Example: Press 03#  05#  1220#  1220#  




You have just Changed User #05's Pin code to 1220
The Administrator's PIN code must be 6 digits in length. All other PIN codes may be 4-6 digits in length

Change a User Group: 04# User No.# New user Group




Example: Press 04#  05#  02#  

You have just Changed User #05's group to Group 02.

Set Entry Mode: 05# Status

Example 1: Press 05#  1#  

Access is by PIN or Card.

Example 2: Press 05#  3#  

Access is by PIN + Card

- Status =**
- 1 PIN or Card (default)
 - 2 Card Only
 - 3 PIN + Card

Manual Passage Programming

The E75K can be programmed to automatically unlock preset period of time allowing free egress and ingress without using a PIN. This is called the passage mode. Once a schedule has been programmed, The E75K will continue to follow the schedule indefinitely until the schedule is cleared. The schedule can be temporarily be using function 22 or 23.

Set Passage Schedule: 32# Days # Unlock Time# Lock Time#

Example: Press 32# 8# 0700# 1600#

The E75K will automatically unlock Monday thru Friday between 7am and 4pm.

Example: Press 32# 0#

The Passage Schedule has been cleared.

Days = Day(s) of the week:

0 = Clear passage schedule

1 thru 7 = Days of the week [Mon=1 Tues=2 ..Sun=7]

8 = Monday thru Friday

9 = Saturday & Sunday

10 = All Days

Unlock Time = HHMM (24hr format)

Lock Time = HHMM (24hr format)

Manual Unlock (Override): 22# Unlock Period (Hours)#

Example: Press 22# 02#

The door will remain unlocked for 2 hours, overriding the passage schedule (function 32).

Unlock Period = HH (24hr format)

Manual Lock (Override): 23#

Example: Press 23#

The E75K will immediately lock overriding the passage schedule. Normal passage schedule will resume the next day.

First Supervisor to Arrive: 38# Status

Example 1: Press 38# 0#

All schedules operate normally.

Status = 0 Disable (default)

1 Enabled

Example 2: Press 38# 1#

Group and Passage schedules will be delayed until a supervisor/manager (groups 2-5) has accessed the E75K.

User Lockout: 29# Status

When enabled, access for users in groups 03-32 are blocked. Only Users in Group 1 and 2 have programming rights to access this function.

Status = 0 Disable (default)

1 Enabled

Example 1: Press 29# 0#

Access is normal per group schedules.

Example 2: Press 29# 1#

Access for users in groups 03-32 are blocked.







Clear all Programming : 99# 000000

Example 1: Press 99# 000000 #

All user codes and programming is erased and all functions are set to factory defaults.







Time And Date Settings

Set the Date: 30# MMDDYY#

Example: Press 30#   011513 #     **MM** = 2 digit Month
DD = 2 digit Day
YY = 2 digit Year









The date is set for January 15 th 2013

Set the Time: 31# HH MM#

Example: Press 31#   1320 #     **HH** = Hours (24hr format)
MM = Minutes (24hr format)

The time is now set to 1:20 PM.







Set Daylight Savings Time (DST): 36# Start Date# End Date#

Example: Press 36#   0310#   1103#    







Daylight Savings Time has been set to start on March 10 and end on November 3, 2013

Start Date = MMDD **MM** = 2 digit Month
End Date = MMDD **DD** = 2 digit Day

Enable Daylight Savings Time: 37# Status

Example 1: Press 37#   0#     **Status** = 0 Disable (default)
1 Enabled









Daylight Savings Time will not start/end on the programmed dates

Example 2: Press 37#   1#    

Daylight Savings Time will start/end at 2am on the programmed dates.







Set Holidays: 39# Holiday No. # MMDD#

Groups 02-32 will be blocked from having access on these days unless overridden by a group schedule.

Example 1: Press 39#   06#   1225#    

Holiday 06 is set for Dec 25th.

Holiday No = 1-32, 33= Clear All Holidays
MMDD = Date **MM** = 2 digit Month
 DD = 2 digit Day

Example 2: Press 39#   33#    

All holidays are cleared.

Alarm Settings

Enable Forced Door Alarm: 45# Status

Example 1: Press 45#   1#    

Forced Door Alarm is enabled.

Status = 0 Disabled (default)
1 Enabled

Enable Door Prop Alarm: 46# Status

Example 1: Press 46#   1#    

Door Prop Alarm is enabled.

Status = 0 Disabled (default)
1 Enabled

Enable Duress Alarm: 50# Status



Example 1: Press 50#   1#    

Duress Alarm is enabled.



Status = 0 Disabled (default)
1 Enabled

Timer Settings



Set Unlock Timer: 21# Seconds#

Example: Press 21#  03 #  **Seconds** = 03-20
Unlock timer is set for 03 seconds. (default)



Set Door Prop Timer: 47# Seconds#

Example: Press 47#  20 #  **Seconds** = 10-255
Door Prop timer is set for 20 seconds. (default)



Set Anti-Passback Timer: 63# Seconds#

Example: Press 63#  20 #  **Seconds** = 0-60 (0 sec= off [default])
Anti-Passback timer is set for 20 seconds. User must wait 20 seconds before using the same PIN will grant access.

Set Keypad Lockout Timer: 61# Seconds#

Example: Press 61#  10 #  **Seconds** = 10-255 (10 sec = default)
Keypad Lockout timer is set for 10 seconds. Access will be denied for 10 seconds after the number of unsuccessful code attempts have been made.

Keypad Lockout Attempts : 60# Attempts#



Example: Press 60#  06 #  **Attempts** = 01-10 (3 attempts = default)
After 6 unsuccessful code attempts, The E75k will shut down and access will be denied for the duration or the keypad lockout timer (function 61)

Remote Input Configuration

Remote Input Enable: 41# Status


Example 1: Press 41#  1#  **Status** = 0 Disabled (default)
1 Enabled
Remote Input is Enabled.

Remote Input Configuration: 42# Status



Example 1: Press 42#  2#  **Status** = 0 Momentary input unlocks (default).
1 Momentary input toggles the lock (lock/unlock).
A *Maintained* input puts the E75 in Lockout Mode (Function 29).
2 Maintained input activates User Lockout Mode (Function 29)

Door Status Input Configuration

Door Status Input Enable: 43# Status

Example 1: Press 43#  1#  Status = 0 Disabled (default)
1 Enabled
The Door Status Input is Enabled.



Door Status Input Configuration: 44# Status

Example 1: Press 44#  1#  Status = 0 Normally Closed (N/C) (default).
1 Normally Open (N/O)
A contact closure will trigger the Input .

Enable Door Prop Alarm: 46# Status



Example 1: Press 46#  1#  Status = 0 Disabled (default)
1 Enabled
Door Prop Alarm is enabled.

Enable Local Alarm on Door Prop: 48# Status



Example 1: Press 48#  1#  Status = 0 Disabled (default)
1 Enabled
The E75 will Beep upon a door prop condition until the door is closed.

Auxiliary Relay Configuration



Enable Aux Relay on Keypad Lockout : 51# Status

Example 1: Press 51#  1#  Status = 0 Disabled (default)
1 Enabled
The Aux relay will activate when the E75 has entered The Keypad Lockout Mode.



Enable Aux Relay on Access Granted : 52# Status

Example 1: Press 52#  1#  Status = 0 Disabled (default)
1 Enabled
The Aux relay will activate when the E75 has been unlocked By an authorized PIN Code.

Enable Aux Relay on Access Granted : 53# Status

Example 1: Press 53#  1#  Status = 0 Disabled (default)
1 Enabled
The Aux relay will activate when the E75 has been unlocked By an authorized PIN Code.

Beep on Keypress : 62# Status

Example 1: Press 62#  1#  Status = 0 Disabled
1 Enabled (default)
The E75 will beep each time you press a key.

E75 PROGRAMMING CODES WITH DEFAULT SETTINGS

CODE	FUNCTION	DEFAULT SETTING
01	ADD SINGLE USER	-
02	DELETE SINGLE USER	-
03	CHANGE A USER 'S PIN	-
04	CHANGE USER'S GROUP	-
-	-	1
21	SET OPEN/UNLOCK TIME	-
22	ENABLE MANUAL PASSAGE MODE	-
23	DISABLE MANUAL PASSAGE MODE	-
24	ENABLE GROUP	-
25	DISABLE GROUP	-
26	ENABLE USER	-
27	DISABLE USER	-
28	AUTO DELETE TEMP USERS	-
29	USER LOCKOUT MODE	-
30	SET DATE	-
31	SET TIME	-
32	SET PASSAGE SCHEDULE	-
33	SET GROUP SCHEDULE	-
34	SET ACCESS SCHEDULE	-
35	SET TEMPORARY USER ACCESS PERIOD	-
36	SET DAYLIGHT SAVINGS TIME	-
37	ENABLE DAYLIGHT SAVINGS TIME	0
38	FIRST SUPERVISOR TO ARRIVE	0
39	SET HOLIDAYS	0

CODE	FUNCTION	DEFAULT SETTING
40	TWO USER CODES REQUIRED	0
41	REMOTE INPUT ENABLE	0
42	REMOTE INPUT CONFIGURATION	0
43	DOOR POSITION SWITCH ENABLE	0
44	DOOR STATUS SWITCH CONFIGURATION	0
45	ENABLE FORCED DOOR ALARM	-
46	ENABLE DOOR PROP ALARM	-
47	SET DOOR PROP ALARM TIMER (SECONDS)	-
48	ENABLE BEEP ON DOOR PROP	-
-	-	-
50	ENABLE DURESS ALARM	0
51	ENABLE AUX RELAY ON KEYPAD LOCKOUT	0
52	ENABLE AUX RELAY ON ACCESS GRANTED	0
53	ENABLE RELAY ON FIRST KEY PRESS	0
-	-	-
60	NO. OF ATTEMPTS BEFORE KP LOCKOUT	0
61	SET KEYPAD LOCKOUT TIMER (SECONDS)	10
62	BEEP ON KEYPRESS	1
63	SET ANTI-PASSBACK TIME	-
64	-	-
-	-	-
99	CLEAR ALL PROGRAMMING	-
-	-	-
**#	EXIT PROGRAMMING	-

Hardware Reset to Factory Settings

- 1) Remove power (Unplug the battery pack)
- 2) Short and hold the 2 Brn reset wires together
- 3) Apply power. (Plug in the battery pack)



The LED will Flash Red/Grn will light during the initialization process. When reset is complete, you will here 3 beeps.

- 4) Remove power (Unplug the battery pack)
- 5) Disconnect and insulate the Brn Reset wires.

To test lock operation after a Hardware Reset and before initialization, enter *741. This temporary code will unlock the E75 for testing purposes. Once a lock initialization has been performed (see page 1), this code is no longer active until a hardware reset is performed again A Hardware reset will erase all the users and return the E75 back into the uninitialized factory default condition.