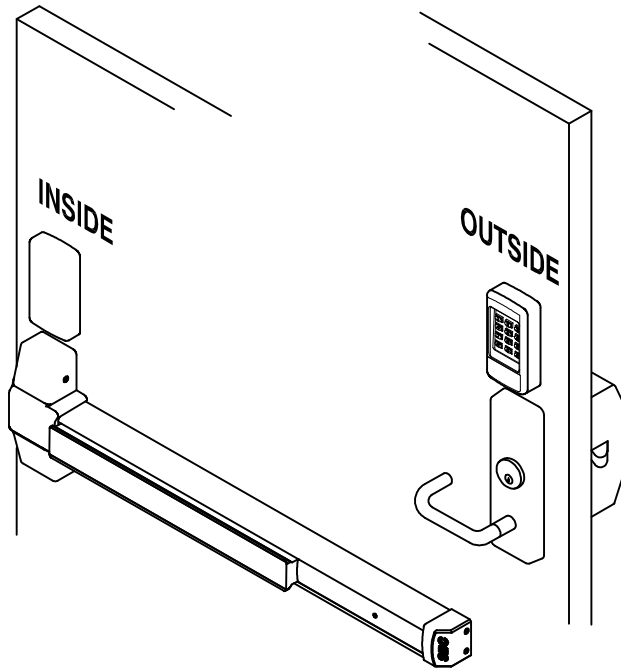


# SDC Security Door Controls

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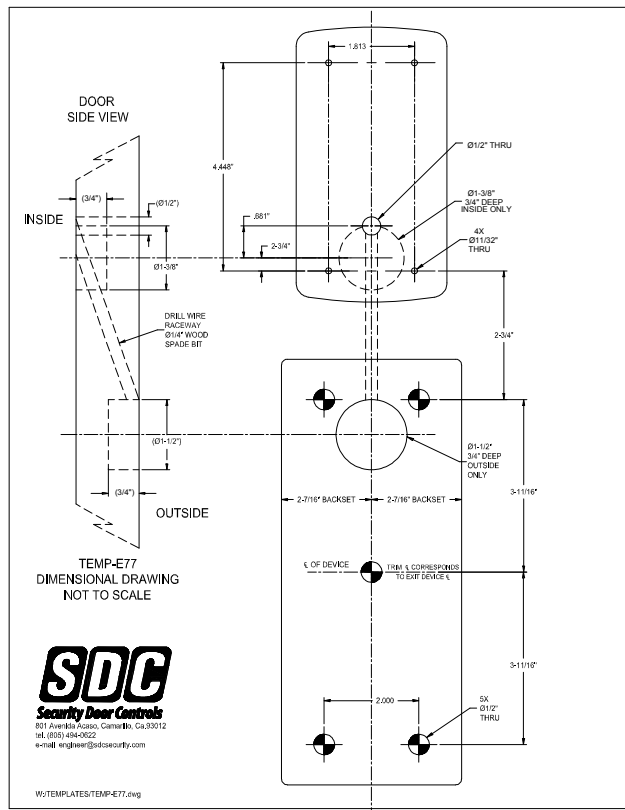
## INSTALLATION INSTRUCTIONS E77 SERIES STANDALONE ELECTRONIC LOCKSET



- Keypad Programmable
- 3,000 Users, 32 Temporary Users
- 4 to 6 digit PIN Codes
- 3 Passage Mode Option
- 32 Access Groups, Schedules
- 32 Holidays
- 4 Authority Levels
- Keypad Tamper Lockout
- Mechanical Key Override
- Battery Powered (4AA)
- Blue Backlit Cast Metal Keys
- Weather & Vandal Resistant
- Retrofit existing Lock Door Prep
- Electrified SDC Mortise Lockcase
- Heavy Duty ANSI Grade 1
- Vandal resistant Lever Handles

**1** Mark and drill hole locations per TEMP-E77

NOTE; Wood doors, use a 1/4" spade bit, to drill the wire raceway where shown.



Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com

**2** Pass the wires from the Trim and Exit Device through the raceway hole.

**3** Install the Exit Device and Trim (Refer to appropriate instructions).

**4** Install the Keypad and Battery pack to the door

Battery Compartment

Keypad

Trim

INSIDE

**5** Plug in the keypad to the battery pack. Attach wires from the Trim & Exit Device to the keypad using the chart below.

NOTE:  
Use E75-TOOL to remove back cover to replace batteries.

Function	Keypad	Outside Trim
Motor +	RED/WHT	RED
Output -	WHT/BLK	WHT
REX (C)	BLK	WHT/RED
REX (N/C)		ORG/RED
REX (N/O)	BLU	YEL/RED

### Specifications

<b>Power</b>	4AA Batteries (Alkaline only) or External 12VDC Power @ 30mA
<b>Inputs</b>	1 Request-To-Exit 1 Door Position Switch
<b>Output</b>	SPDT Contacts 1A @ 30VDC Relay
<b>Temperature</b>	-20° F to +130° F (-30° C to +54° C)
<b>Humidity</b>	5% to 95% non-condensing
<b>Latch Bolt</b>	3/4"
<b>Backset</b>	2-3/4"
<b>Strike</b>	4-7/8" ANSI A115.2
<b>Door Thickness</b>	1-3/4" to 2-1/8"

### Additional Wire Connections

12VDC Ext Power In	=	RED(+) / BLK(-)
Request-To-Exit	=	BLU(N/O) / BLK(COM)
Door Position Switch	=	GRY(N/O) / BLK(COM)
Auxiliary Relay	=	ORG (N/C) WHT(COM) YEL(N/O)
System Reset	=	BRN / BRN

# Quick Start

## Programming Instructions




















### E77 EntryCheck™

#### Lock Initiation

When the lock is first installed or when after a hard reset has been performed, the E77K must be initialized and a lock ID must be entered before you will be allowed to enter the program mode.

To test lock operation before initialization, enter \*741. This temporary code will unlock the E77K for testing purposes. Once a lock initialization has been performed, this code is no longer active until a hardware reset is performed which will erase all the users and return the E77K back into the uninitialized factory default condition.






To Initialize Lock:

- 1) Apply Power (Plug in the battery pack)         
- 2) Press #9\* 123456# 0001#   
- 3) Press \*\*#       

The above example enters a Lock ID of 0001. If Multiple locks are used with the Management Software, Each lock must have it's own *Unique* Lock ID (0002, 0003 etc)











#### User Programming

##### Enter Programming Mode: #9# User No# User PIN #

1) Press #9# 01# 123456#     

User 01 is the administrator and has full programming rights. 20 seconds of inactivity will automatically return you from programming mode you to operational mode.

##### 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# to unlock the door.

User 4 has also be assigned to group 06 (24/7 access).

User must be assigned a 4 to 6 digit PIN code.

##### 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).

#### Prox Units Only





##### Set Entry Mode : 05# Mode #

Example 1: Press 05#   1#  

Unlock the door either by entering a (PIN + #) or presenting card.

Example 2: Press 05#   2#  

Unlock the door by presenting a valid card.

Example 3: Press 05#   3#  

Unlock the door by presenting card plus the associated user (PIN +#).

- Mode = 1 PIN or Card (default)  
2 Card Only  
3 Card and Pin





##### 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

##### Delete a User: 02# User No.#

Example: Press 02#   04#  

You have just Deleted User #04

##### Exit Programming Mode: \*\*#

Press \*\*#     


## Additional E77 Programming

### 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







### Set Unlock Timer: 21# Seconds#

Example: Press 21#   03 #    

Seconds = 03-20

Unlock timer is set for 03 seconds. (default)

### Beep on Key Press : 62# Status #

Example 1: Press 62#   1#    

Status = 0 Disabled

The E76K will beep each time you press a key.

1 Enabled (default)

### Set the Date: 30# MMDDYY#

Example: Press 30#   011513 #    

The date is set for January 15 th 2013

MM = 2 digit Month

DD = 2 digit Day

YY = 2 digit Year

### Set the Time: 31# HH MM#

Example: Press 31#   1320 #    

The time is now set to 1:20 PM.

HH = Hours (24hr format)

MM = Minutes (24hr format)

### Clear all Programming : 99# 000000 #

Example 1: Press 99#   000000 #    

All user codes and programming is erased and settings are set to factory defaults. Lock initialization and Lock ID are not cleared.

## Resetting the E77 to Factory Settings

**Warning!!** This procedure will perform a hardware reset and will erase all the users and custom settings returning the E77K back into the uninitialized factory default condition.

- 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 light during the initialization process. When initialization is complete, you will hear 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 E77K 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.

# User Chart

Master Code:	
PIN Length	____ Digits

Name	User No.	PIN Code	Group

**Group Codes:**

Group 01 **Administrator:**  
Full Programming Rights ( User 01 )

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.

**Notes:**

Groups must have an assigned schedule before they will become active (except groups 01 & 06).

Group 06 always has 24/7 access.