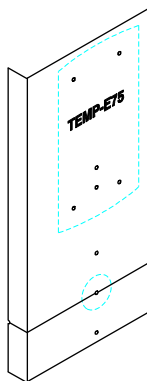# SDC Security Door Controls

INSTALLATION INSTRUCTIONS
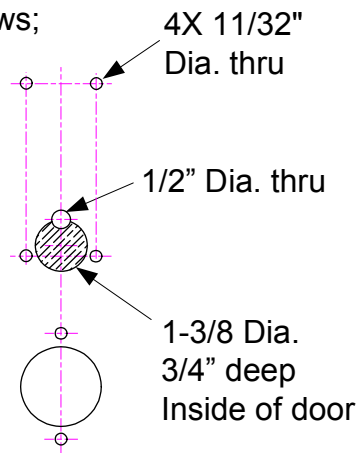## E75 STANDALONE ELECTRONIC LOCKSET

cULus LISTED
Electrically Operated Single Point Locks
& Latches, 3hr 'A' Label Fire Doors

- 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
- Motorized SDC Cylindrical Lockset
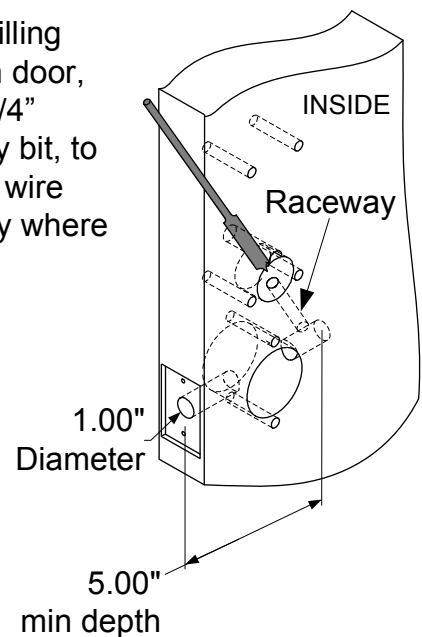- Heavy Duty ANSI Grade 1
- Vandal resistant Lever Handels

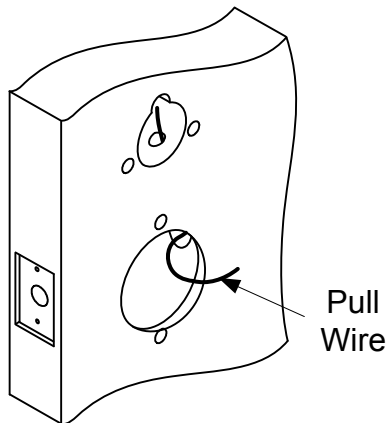Place E75 Template on inside of door to mark hole locations.

After marking hole locations, drill as follows;

4X 11/32" Dia. thru

1/2" Dia. thru

1-3/8 Dia. 3/4" deep Inside of door

After drilling holes in door, use a 1/4" Butterfly bit, to drill the wire raceway where shown.

INSIDE

Raceway

1.00" Diameter

5.00" min depth

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com
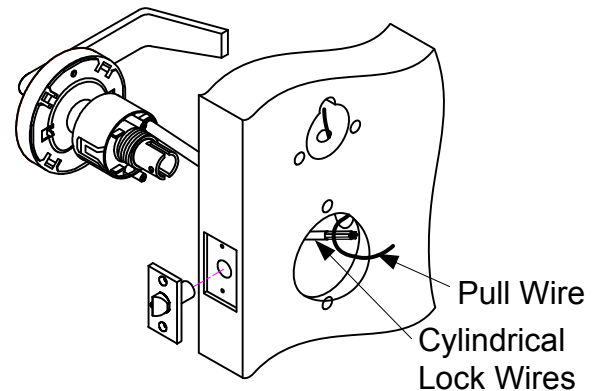
1 Pass a small pull wire through the raceway hole. This pull wire will be used to bring wires from the lock, to the keypad wiring area.
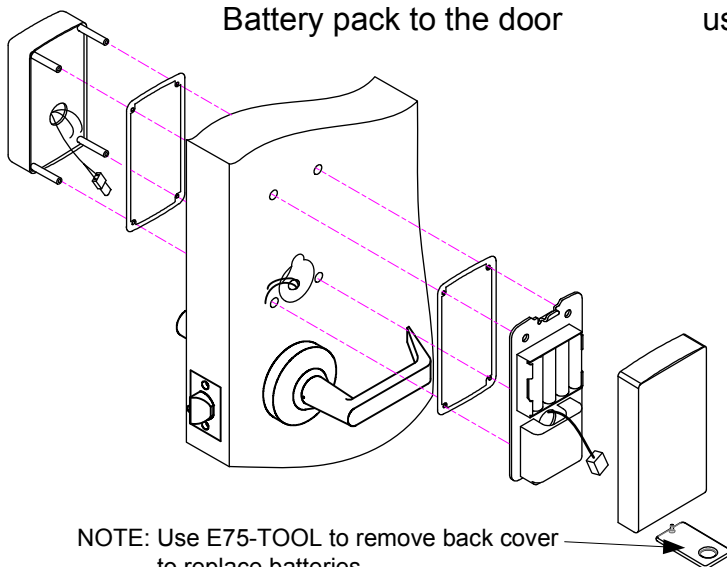
2 Install the Lockset. (Refer to lockset instructions)

3 Attach the pull wire to the wires from the lock. Pull the lock wires through the raceway as you insert the cylindrical lock.

Pull Wire

Pull Wire

Cylindrical Lock Wires

4 Install the Keypad and Battery pack to the door

5 Attach wires from the lockset to the keypad using the chart below.

Function		Keypad	Lockset
Motor	+	RED/WHT	RED
Output	−	WHT/BLK	WHT

6 Apply power by plugging in the keypad to the battery pack. The left LED will flash rapidly as shown below followed by 3 beeps.
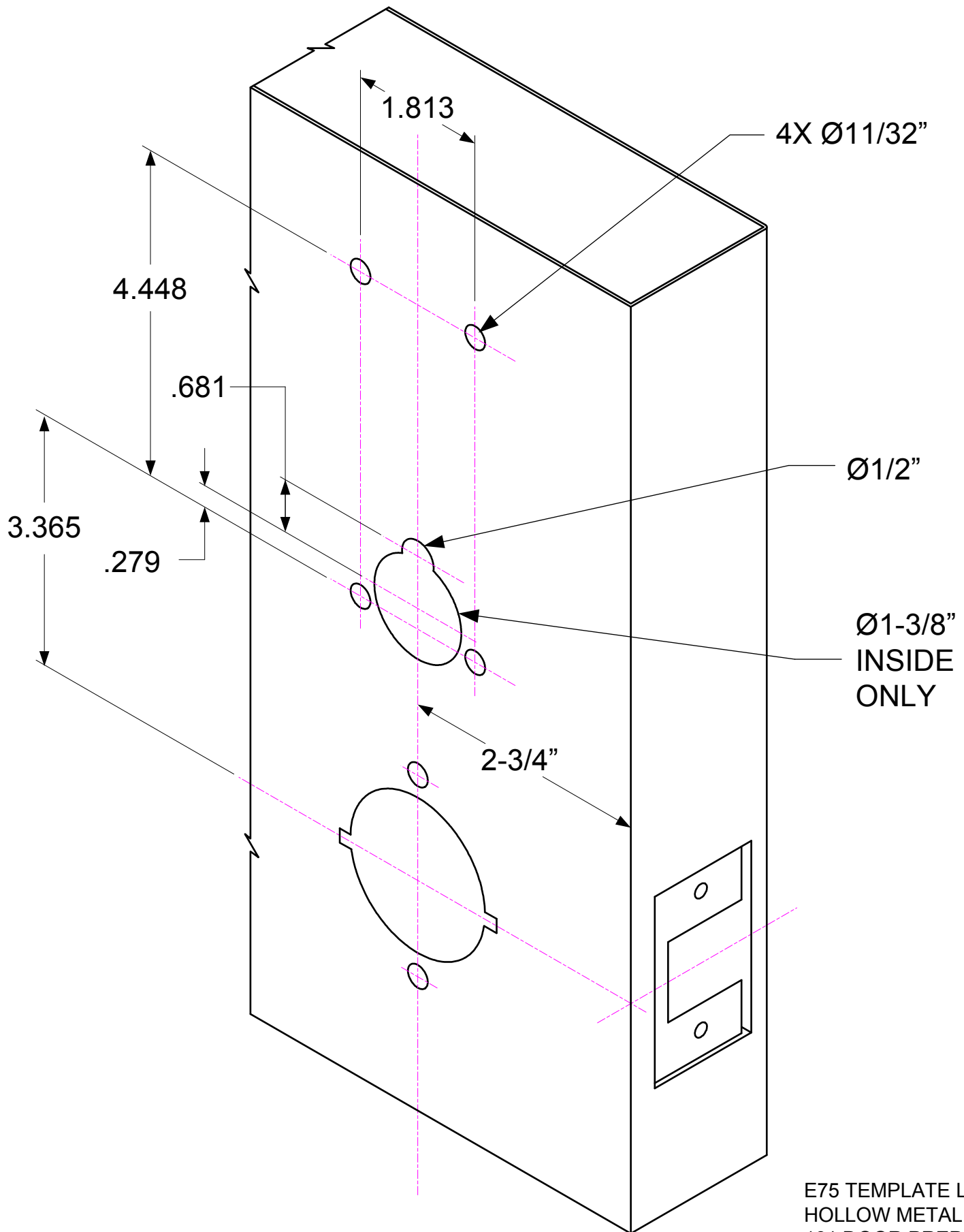
NOTE: Use E75-TOOL to remove back cover to replace batteries.

Specifications

Power	4AA Batteries (Alkaline only) or External 12VDC Power @ 30mA
Inputs	1 Request-To-Exit
	1 Door Position Switch
Output	SPDT Contacts 1A @ 30VDC Relay
Temperature	-20° F to +130° F (-30° C to +54° C)
Humidity	5% to 95% non-condensing
Latch Bolt	9/16"
Backset	2-3/4"
Strike	4-7/8" ANSI A115.2
Door Thickness	1-3/4" to 2-1/8"

Additional Wire Connections

12VDC External Power In	=	RED(+) / BLK(-) (22AWG)
Request-To-Exit	=	BLU(N/O) / BLK(COM)
Door Position Switch	=	GRY / BLK(COM)
Auxiliary Relay	=	ORG (N/C) WHT(COM) YEL(N/O)
System Reset	=	BRN / BRN

1.813

4X Ø11/32"

4.448

.681

Ø1/2"

3.365

.279

Ø1-3/8"
INSIDE
ONLY

2-3/4"

E75 TEMPLATE LAYOUT
HOLLOW METAL DOOR
161 DOOR PREP
2-3/4" BACKSET

Quick Start
Programming Instructions
E75 *EntryCheck* ™

Test the Lock Operation

To test lock operation before initialization, enter ***741**. This temporary code will unlock the E75 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 E75 back into the uninitialized factory default condition.

Lock Initialization

When the lock is first installed or after a factory reset has been performed, the E75 must be initialized with a 4-digit lock ID before you will be allowed to enter programming mode.

To Initialize Lock:
        Press #9* 123456# 0001# 🟢🔊🟢🔊

The above example enters a Lock ID of 0001. If multiple locks are used it is recommended that each lock have its own *Unique* Lock ID (0002, 0003, etc.). This is required when using the E7 Management Software.

User Programming

NOTE: You must first enter programming mode to perform any other function. 20 seconds of inactivity will automatically exit you from programming mode and return you to operational mode.

Enter Programming Mode:
   Press #9# 01# 123456# 🟢🔊🔴🔊🟢🔊
User 01 with default PIN Code 123456 is the administrator and has full programming rights.

Add a User PIN Code (4-6 digits): **01# User No.# PIN Code # Pin Code # Group No.#**
Example: **Press 01#** 🟢🔊 **04#** 🟢🔊 **5050#** 🟢🔊 **5050#** 🟢🔊 **06#** 🟢🔊🟢🔊
You have just added User #04 with a PIN of 5050 to unlock the door.
User 4 has been assigned to group 06 (24/7 access).

Add a Single Card: **06# User No.# Present Card**   **Prox Units Only**
Example: **Press 06#** 🟢🔊 **04#** 🟢🔊 **Present Card** 🟢🔊 🟢🔊
You have just added a card to User #4.
User 4 has also be assigned to group 06 (24/7 access).

Add a Sequential Batch of Cards: **08# Starting User No.# No. of Cards# Present 1ˢᵗ Sequential Card**
Example: **Press 08#** 🟢🔊 **05#** 🟢🔊 **10#** 🟢🔊 **Present Card** 🟢🔊🟢🔊
You have just added (10) proximity card for User #'s 05 to 14.
All users has also be assigned to group 06 (24/7 access).

Exit Programming Mode: ****#**
Press **# 🟢•🟢🔊🟢🔊🟢🔊

Test the lock by pressing 5050#, or present a valid prox card to the reader (prox units only).

Additional E75 Programming

Refer to the E75 Programming Guide for a complete list of lock programming functions.

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

Example 1: Press 03# (GRN♪) 01# (GRN♪) 123123# (GRN♪) 123123# (GRN♪)(♪)
You have just changed the Administrator's Pin Code to 123123
NOTE: The Administrator's PIN code must be 6 digits in length. All other PIN codes may be 4-6 digits in length

Example 2: Press 03# (GRN♪) 04# (GRN♪)1220# (♪) 1220# (GRN♪)(GRN♪)
You have just changed User #04's Pin code to 1220

Delete a User: 02# User No.#

Example: Press 02# (GRN♪) 04# (♪)(GRN♪)
You have just Deleted User #04

Set Entry Mode : 05# Mode

Example 1: Press 05# (GRN♪) 1# (GRN♪)
Unlock the door either by entering a (PIN + #) or presenting card.
Example 2: Press 05# (GRN♪) 2# (GRN♪)
Unlock the door by presenting a valid card.
Example 3: Press 05# (GRN♪) 3# (GRN♪)
Unlock the door by presenting card plus the associated user code (PIN + #).

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

Set Unlock Timer: 21# Seconds#

Example: Press 21# (GRN♪) 03 # (♪)(GRN♪)
Unlock timer is set for 03 seconds. (default)

Seconds = 03-20

Beep on Key Press : 62# Status

Example 1: Press 62# (GRN♪) 1# (♪)(GRN♪)
The E75 will beep each time you press a key.

Status = 0 Disabled
         1 Enabled (default)

Set the Date: 30# MMDDYY#

Example: Press 30# (GRN♪) 011513 # (♪)(GRN♪)
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# (GRN♪) 1320 # (♪)(GRN♪)
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# (GRN♪) 000000 # (♪)(GRN♪)
All user codes are erased and settings are set to factory defaults. The Administrator Pin Code and Lock ID are not cleared.

Resetting the E75 to Factory Settings

Warning!! This procedure will preform a hardware reset and will erase all the users and custom settings returning   the E75 back into the uninitialized factory default condition.

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

(RED)••••••(GRN)(RED)(GRN)(RED)(GRN)(RED)(♪)(♪)(♪)

The left LED will light RED for a few seconds, followed by a flashing RED/GRN. When initialization is complete, you will hear 3 beeps.
4) Disconnect and insulate the Brown Reset wires.
5) Return to Page 4 of these instructions to initialize the lock.

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.

Groups 03-05 **Supervisors:** May perform programming functions 01,02,04,06,07,&08.

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.