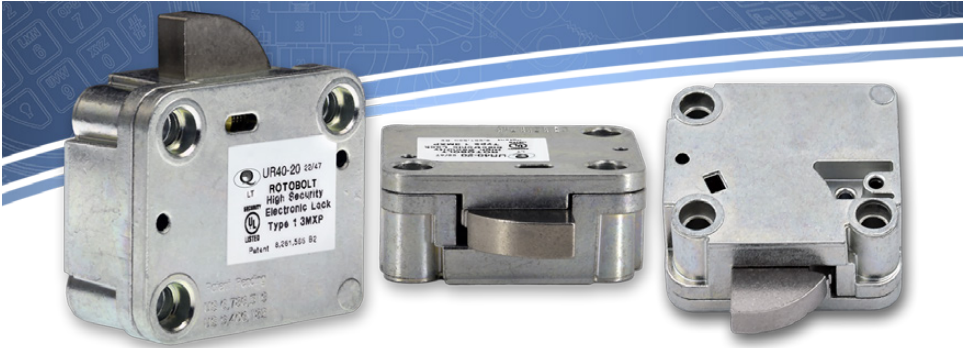


# Universal RotoBolt

OEM

## UR20-20/UR40-20 Instructions - Basic Board



**UR40-20 Certification Upgrade to UR20-20**

**UR40-20 PATENT PENDING**

**Works With:**



Premier  
PI20-Nx



Premier II  
PI80-Nx



THinPut  
TH20-D6



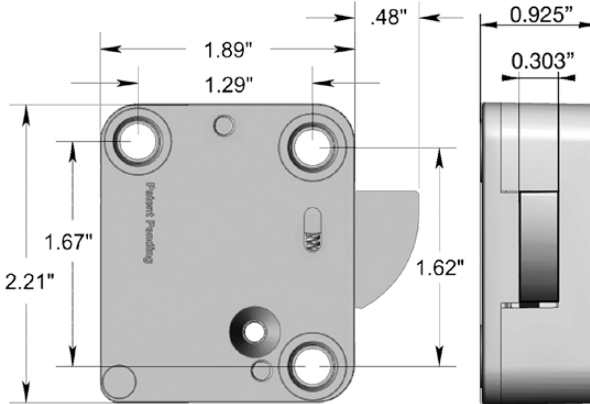
EasyTouch  
ET20-Nx



QuickTouch  
QT20-N3

### Universal RotoBolt Dimensions

(Imperial)



UL Type 1  
VdS EN1300 Class B



QSecurityProducts.com

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# Universal RotoBolt

## UR20-20/UR40-20 Instructions - Basic Board

### UNIVERSAL SOFTWARE LOCK SETUP • OEM

The Universal Lock may be set up in either of two modes:  
OEM 2-User Mode (Option A) OR Standard 1 or 2 User Mode (Option B)

The mode described in the following pages is **Option A**

Full details on Option B can be found in UR40-20 Basic Instructions

At [www.QSecurityIndustries.com/ Resources](http://www.QSecurityIndustries.com/ Resources)

ALL functions are to be performed with door open and bolts thrown to locked position!  
Factory default code is 5-5-5-5-5

Option A - To activate Primary/Service code and Secondary/User code in one step:

- Press and hold [0] key until double beep and keypad LED stays on
- Enter a 6-digit Primary/Service code (do NOT use 1-2-3-4-5-6 as Service code)
- Re-enter new 6-digit code to confirm, double beep and LED goes out
- Primary/Service code is now active and can open the lock
- Secondary/User default code 1-2-3-4-5-6 is also active, can open the lock, and should be changed by end user

Option B - To activate Primary code without installing Secondary code:

- Press and hold [0] key until double beep and keypad LED stays on
- Enter 1-2-3-4-5-6 as Primary code
- Re-enter 1-2-3-4-5-6 to confirm Primary code
- Primary code is now active, can open the lock and should be changed by end user

### Operations

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To open

- Enter a 6-digit code (Primary or Secondary), double beep = valid, long beep = invalid

To change code

- Press and hold [0] key until double beep and keypad LED stays on
- Enter current code to be changed (Primary or Secondary)
- Enter new 6-digit code
- Re-enter new 6-digit code to confirm, double beep and LED goes out

To install/replace Secondary code

- Press and hold [1] key until double beep and keypad LED stays on
- Enter current Primary code
- Enter new 6-digit Secondary code
- Re-enter new 6-digit Secondary code to confirm, double beep and LED goes out
- Old Secondary code is deleted and replaced with the new one

To delete Secondary code (available only if **Option B** selected)

- Press and hold [3] key until double beep and keypad LED stays on
- Enter Primary code, user code is now deleted

To setup time delay (available only if **Option B** selected)

- Press and hold key [9] key until double beep and keypad LED stays on
- Enter Primary code
- Enter time delay and open window values in minutes  
(i.e. 0305 = 3 minute delay and 5 minute open window)
- Re-enter time delay and open window values to confirm, double beep and LED goes out

Factory reset

- Press and hold [0] until double beep and keypad LED stays on
- Enter current Primary code
- Enter 5-5-5-5-5-5
- Re-enter 5-5-5-5-5-5 to confirm, double beep and LED goes out
- Lock is now reset to Factory mode and may be programmed for Option A or B



# Universal RotoBolt

## UR20-20/UR40-20 Installation - Basic Board

### FEATURES

The UR20-20 / UR40-20 features Primary and Secondary user-changeable 6-digit codes. Entering a valid code starts a 3 second window for unlocking, allowing movement of the safe boltwork into the OPEN position. The RotoBolt automatically secures after moving the safe boltwork to the fully LOCKED position.



### MOUNTING INSTRUCTIONS

The UR20-20 may be mounted either RH, LH, VU or VD or it may be flipped over to block a reversed boltwork design. Insert the connector from the keypad into the lock receiver. Ensure that the connector is fully seated. To remove the connector, carefully lift and pull away from the lock body.

Use only the supplied 1/4-20 (or M6) screws to mount the lock. Tighten the screws securely so the lock body is firmly attached to the flat mounting surface. Use of screw locking glue (i.e. Loctite) is recommended. Secure cables away from moving parts.

### ELECTRONICS TEST

Like all of our Locks, the RotoBolt includes Function 5 - a unique feature to test for proper functioning of the electronics:

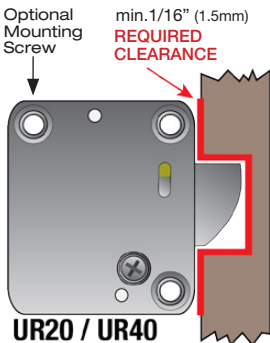
- Press and hold [5] until double beep and the LED stays on
- Enter all keys in numerical sequence: 1-2-3-4-5-6-7-8-9-0
- A double beep at each key press indicates that the lock and keypad are communicating and performing properly.
- A long signal indicates a fault that can likely be corrected by replacing the keypad.

### FUNCTIONAL TEST (With door OPEN)

Enter code (factory code = 5-5-5-5-5-5), double beep indicates valid entry

- Turn boltwork handle to OPEN position
- The bolt rotates into the lock housing
- The bolt must move freely
- Turn boltwork handle to the LOCKED position
- The bolt must fully extend and secure
- Ensure that there is a minimum of 1/16" clearance on all sides of the lock bolt when the safe boltwork is in the fully LOCKED position

**IMPORTANT:** Repeat the functional test several times before locking the safe door!



### BOLTWORK REQUIREMENTS

If the Rotobolt lock is used in conjunction with another lock, the boltwork must be constructed so that the Rotobolt secures first.

In the LOCKED position, the distance between the Rotobolt lock bolt and the movable boltwork must be a minimum of 1/16" (1.5mm).

UL Type 1  
VdS EN1300 Class B



# Universal RotoBolt

## UR20-20/UR40-20 Operation - Basic Board

### GENERAL

The UR20-20 / UR40-20 features Primary and Secondary user-changeable 6-digit codes.  
A double beep follows entry of a valid code.  
A long beep follows entry of an invalid code.  
If 10 seconds elapse without a key press, the code entry will be cancelled.



### OPERATION

Enter code (factory code = 5-5-5-5-5-5), double beep indicates valid entry  
Turn boltwork handle to the OPEN position  
If not opened within 3 seconds, the lock re-secures automatically  
If the first code entry fails, wait 10 seconds before re-entering

#### Locking / Status:

Close door and rotate handle to fully locked position  
Verify locked/secure status by attempting to rotate handle

#### Manipulation Protection:

Upon entry of four consecutive invalid codes, the keypad is blocked and will not accept entries for 5 minutes. During this period, the LED flashes every 10 seconds and any key press causes a long beep. Upon expiration, the entry of two more invalid codes restarts the 5 minute blocking period.

#### Best Practices

**Change the factory code before you begin using the safe!** Securely store all codes.  
Do not use personal data (i.e. birthdays, telephone numbers, etc.) as a code.

### ACTIVATE PRIMARY & SECONDARY CODES IN ONE STEP

Press and hold [0] until double beep and keypad LED stays on

- Enter a 6-digit Primary code (DO NOT use 1-2-3-4-5-6 as Primary code)
- Confirm the 6-digit Primary code, double beep and LED goes out
- Primary code is now active and can open the lock
- Secondary code (default 1-2-3-4-5-6) is now also active and can open the lock

### CHANGE USER CODE

Press and hold [0] until double beep and keypad LED stays on

- Enter existing code to be changed, double beep
- Enter new code
- Confirm by re-entering new code, double beep and LED goes out
- The new code is now active and can open the lock

NOTE: The Change Code method above is used to change either the Primary or the Secondary code.

### LOW BATTERY INDICATION

NOTE: A series of beeps following code entry indicates a weak battery that must be replaced  
Use ONLY Energizer™ or Duracell™ 9V ALKALINE or LITHIUM batteries



To view our full line of products, Warranty and other Instruction Manuals

