

Premier Vision TE20-R9(30x)



UL Type 1
VdS EN1300 Class B



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Straight Bolt EM35-60 Digital INSTRUCTIONS • Rev. 2606 • © 2026 QSecurity Industries

Straight Bolt

EM35-60 Digital Instructions



GENERAL

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. Entering a valid code starts a 3 second window for unlocking, enabling manual lock bolt retraction with rotating keypad. The safe boltwork can then be moved into the OPEN position. After restoring the safe boltwork to the fully LOCKED position and extending the lock bolt by rotating the keypad CCW, the EM35 automatically secures.

MOUNTING INSTRUCTIONS

The EM35-60 may be mounted in any of the four mounting directions (LH, RH, VU or VD). Mounting dimensions are industry standard.

Temporarily secure the lock body to the mounting surface with supplied mounting screws. Insert the grooved spindle shaft through from the face of the door until it bottoms out in the lock body. Ensuring that any adapter or trim plates are in place, use the included measuring device to mark the spindle for cutting. The spindle must extend .24" from the mounting surface of the keypad after cutting to properly engage with the chosen keypad. Deburr/square the cut end of the spindle. Unmount the lock body. Insert the spindle into the chosen keypad and press the wire into the groove in the spindle. Feed the cable through the hole in the door, then follow separate instructions for keypad mounting.

With the lock body in hand, feed the keypad cable connector through the square opening on the underside of the lock case. Holding the cable straight, place the lock body over the grooved spindle and screw it securely to the mounting surface. 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. Insert the connector from the keypad into the outer lock housing receiver labeled ENT. Ensure that the connector is fully seated. To remove the connector, carefully lift and pull away from the lock body. To secure the cable, push it into the square groove on the lock cover. Secure any excess away from moving parts.

ELECTRONICS TEST

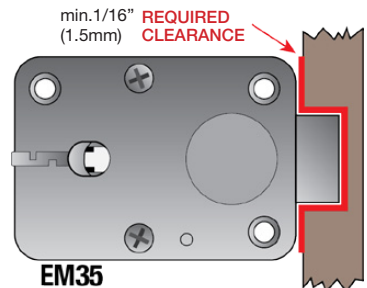
Like all of our Locks, the Straight Bolt includes Function 5 - a unique feature to test for proper functioning of the electronics:

- 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

BOLTWORK REQUIREMENTS

In the LOCKED position, the required distance between the lock bolt and the cavity in the movable boltwork must be a minimum of 1/16"

In the UNLOCKED position, the clearance between the lock bolt and the blocking bar must not exceed 13/64" (5mm)



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TE20-R9(30x) Installation

FEATURES

Battery: Accessible via a sliding door at the keypad base

Finishes: Satin Chrome Metal, ABS Bright Chrome/Black Velvet (optional)

OLED Screen: Provides enhanced user feedback



DIMENSIONS / MOUNTING INSTRUCTIONS

Cable hole diameter: 3/8" (.953mm) minimum

The hole must be properly deburred to avoid cable damage

The TE20-R9 (30x) mounts on horizontal (9 & 3 o'clock) studs, optional *MA2 adapter plate* required for vertical safe door mounting holes

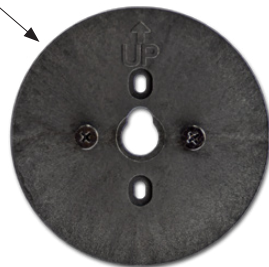
The hole must be properly deburred to avoid cable damage

Affix the two #8-32 (or M4) mounting studs to the safe door

Open the battery door and extend the battery connector cable out through the door

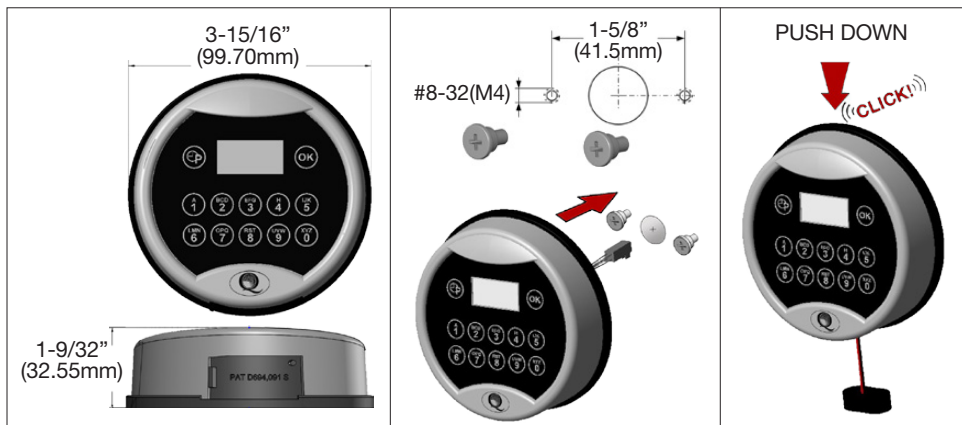
Feed the cable through the cable/spindle hole on the safe door,

then slide the keypad over the #8-32 (or M4) mounting studs and push down until it snaps on with a distinct "click"



Insert battery into keypad and slide the door closed

Use ONLY Energizer or Duracell ALKALINE or LITHIUM batteries



TE20-R9(30x)

Works With:

EM35-60
Straight Bolt
Lock



**For Complete Programming Instructions,
please refer to the DigiPro or LockPlus
Technical Reference Manuals**

available at:

QSecurityProducts.com/Resources

For updates and
additional information



WHO is QSecurity?

QSecurity is owned by Clay Miller and April Truitt. Staff includes industry veterans Deanna DeBorde, Steve Robinson, Ellis Gibbs, Ryan Griffith, Lisa Young & others and is ever expanding. QSecurity Products, QSecurity Education and QTactical are all divisions of QSecurity Industries, the parent company.

WHAT is QSecurity?

QSecurity is the new name for a decades-old security technologies and education company headquartered in Nicholasville, Kentucky. QSecurity began as Lockmasters, Inc.®, the locksmith education company founded by Harry C. Miller, Jim Taylor and Leonard Singer in 1955. Clay Miller and his team took over operations from Harry Miller in 1981, expanding into tool and equipment sales to the trade in 1982. The following decade saw the birth of LockNet, SAVTA and the X0-7. In 2005, Mark Miller took over the tool & equipment division, moving it into a purpose-built location just up the road on John Watts Dr. Ever eager for expansion, Mark subsequently took over the Lockmasters Education Division in 2013. Clay Miller and his engineering team remained in the S. Main Street location, focused on R&D for the clandestine world as LTI: Lockmasters Technologies, Inc. and QTactical. Just prior to his passing in 2020, Clay Miller's son Mark Miller sold Lockmasters to the Dominus Group. As a contingency of the sale, the Miller family was compelled to relinquish their rights to the Lockmasters trademark – FOREVER. LTI was forced to rebrand, and Q Security was born.

WHY QSecurity?

The Millers have long been loyal James Bond fans. Who doesn't remember "Q," the Quartermaster of MI6, the British Secret Service? One of the most enduring characters throughout the Bond franchise, Q headed up Q Branch, the R&D division which supplied Bond with a stunning array of offensive and defensive gadgets over the years. When a rebrand became inevitable, the incorporation of "Q" seemed a novel but logical choice.

WHERE is QSecurity?



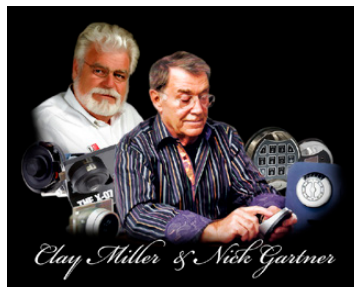
Over the years, Lockmasters, LSI and LTI have all called Nicholasville, Kentucky home. Naturally, Nicholasville is also now the headquarters for all QSecurity Industries divisions.

Conveniently located in the heart of the Bluegrass region, QSecurity is proud to have LockNet, Sargent & Greenleaf, Lockmasters and MBAUSA as local neighbors.

NL Lock - What's the connection?

Legendary inventors Nick Gartner and Clay Miller have worked both together and separately in the high-security safe lock industry since the late 1960s when Harry C. Miller hired Nick at Sargent & Greenleaf in Rochester, NY. Nick eventually left S&G to found LaGard, where he developed many industry firsts: the first electronic safe lock, the HPC 1200 key machine, the 2200 key lock for safes, the SmartGard, and many others.

With Nick's health declining, in early 2023 he and Clay Miller entered discussions regarding the future of NL Lock. In late August, they inked a deal to transfer the company assets to QSecurityIndustries, and on September 5, 2023, Nick passed away, knowing his brainchild had a secure future with an industry veteran and friend who would take his innovations forward.



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