



*Prosper Fire Department*  
1500 E. First Street  
Prosper, Texas 75078  
(972) 347-2424 Phone  
(972) 347-3010 Fax

## **Knox-Box Requirements**

### **Definition**

Knox-Box (Key Vault/Box): A secure, tamperproof device with a lock operable only by a fire department master key, and containing building entry keys and other keys that may be required for access in an emergency.

### **When Required:**

Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes  
-Or-

Any structure that contains an automatic fire alarm system, automatic fire sprinkler system, commercial hood suppression system, or other fire suppression systems.

### **Key Box Maintenance:**

The operator of the building shall immediately notify the fire department and provide the new key when a lock is changed, added or re-keyed. The key to such lock shall be secured in the key box.

### **Purchasing:**

The Fire Marshal must approve all types and quantities via written approval.

Knox Box systems can be purchased online at the Knox Company [www.knoxbox.com/store](http://www.knoxbox.com/store)  
or 1-800-552-4669

### High Security Residential Key Box



The 1650 Series KNOX-BOX<sup>®</sup> was developed to secure residential entrance keys. Knox<sup>®</sup> Residential is used for fire, police and medical emergency entry in gated communities, single family residences and apartment complexes. The hinged residential key box is also available with a door-hanging bracket for emergency medical access during temporary convalescence.

#### Features and Benefits

- Holds up to 2 keys in interior compartment
- Ensures high security with UL<sup>®</sup> Listed Medeco lock
- Includes a Knox-Coat<sup>®</sup> proprietary finishing process that protects Knox products up to four times better than standard powder coat
- Resists moist conditions with a weather resistant door gasket
- Colors: Black, Dark Bronze or Aluminum
- Weight: 7 lbs.

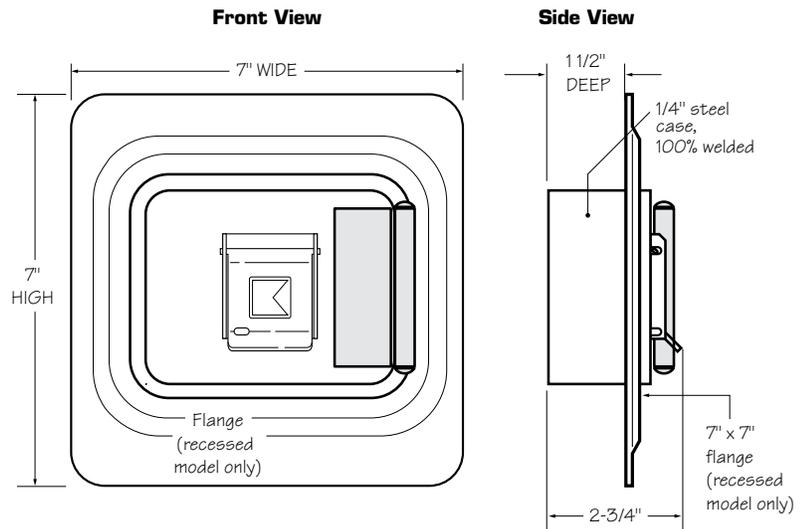
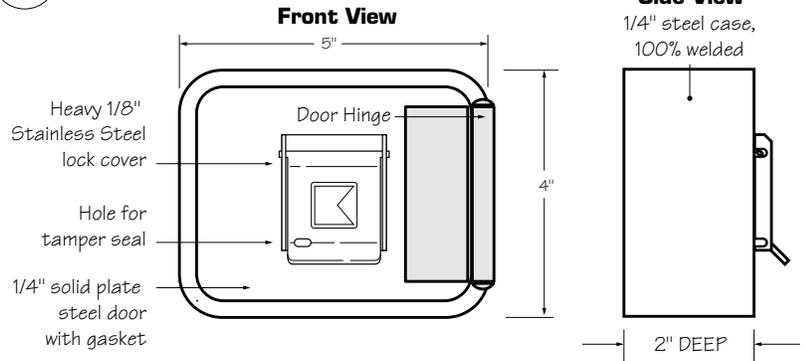
#### Options

- Alarm tamper switch (UL Listed)
- Door bracket for hanging over 1-7/8" door for temporary applications.
- Recessed mounting kit

**Attention: KNOX-BOX<sup>®</sup> key box is a very strong security device that MUST be mounted properly to ensure maximum security and ability to resist physical attack.**

#### Knox<sup>®</sup> Rapid Entry System

The Knox Company manufactures a complete line of high security products including Knox-Box key boxes, key vaults, cabinets, key switches, padlocks, locking FDC caps, plugs and electronic master key security systems. For more information or technical assistance, please call Customer Service at 1-800-552-5669.



**Note: For commercial applications, see 3200 Series Knox-Box<sup>®</sup> or 4400 Series Knox-Vault<sup>®</sup>.**

#### Ordering Specifications

**To insure procurement and delivery of the 1650 Series KNOX-BOX hinged-door model, it is suggested that the following specification paragraph be used:**

**KNOX-BOX** surface or door mount. 1/4" plate steel housing, 1/4" thick steel door with interior gasket seal and stainless steel door hinge. Box and lock UL<sup>®</sup> Listed. Lock has 1/8" thick dust cover with tamper seal mounting capability.

Exterior Dimensions: Surface mount: 4"H x 5"W x 2-3/4"D

Door hanger: 4"H x 5"W x 2-3/4"D

Recess: 7"H x 7"W x (flange)

Lock: UL Listed. Double-action rotating tumblers and hardened steel pins accessed by a biased cut key.

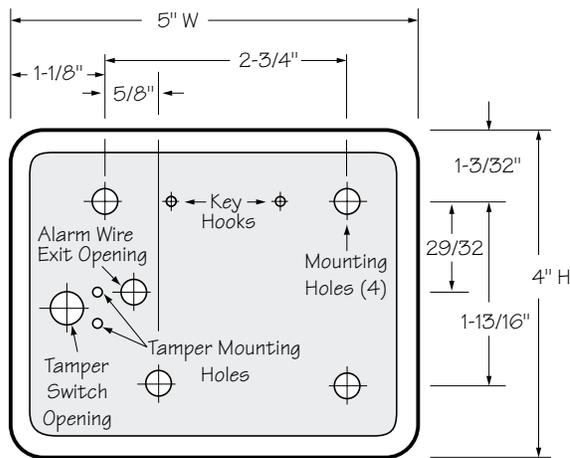
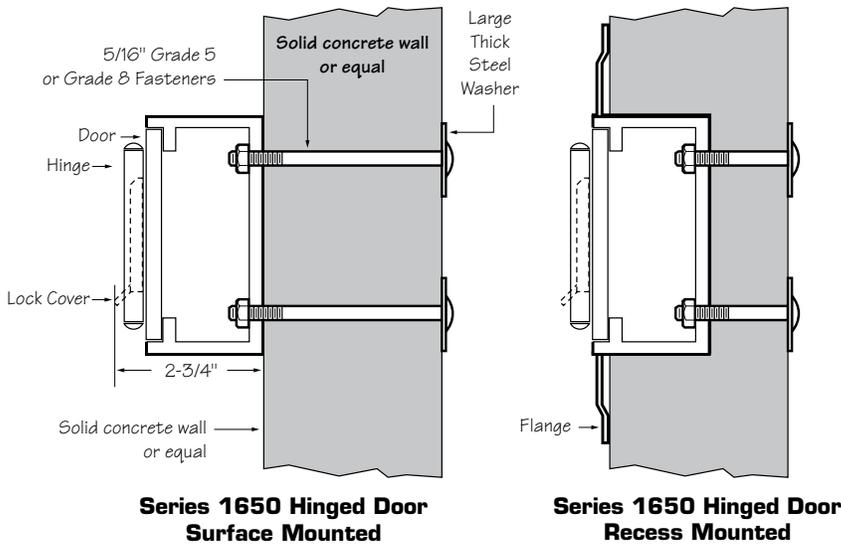
Finish: Knox-Coat<sup>®</sup> proprietary finishing process

Colors: Black, Dark Bronze, Aluminum

P/N: 1650 Series KNOX-BOX (mfr's cat. ID)

Mfr's Name: **KNOX COMPANY**

**Suggested minimum mounting height**  
**6 feet above ground**



**Front View of Back Plate**

**Attention: KNOX-BOX® key box is a very strong security device that MUST be mounted properly to ensure maximum security and ability to resist physical attack.**

**Knox® Rapid Entry System**

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**Recessed Mounting Kit**

The 1650 Recessed Mounting Kit (RMK) is used for recessed models only. It contains a shell housing and mounting hardware to be cast-in-place in new concrete or masonry construction. After construction is completed, the KNOX-BOX mounts inside the RMK. The RMK may only be used in new concrete or masonry construction.

**Installation In Cast Concrete**

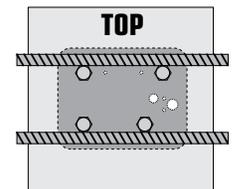
The optional Recessed Mounting Kit is for use in new concrete or masonry construction only. The kit includes a shell housing and mounting hardware to be cast-in-place. The KNOX-BOX is mounted into the shell housing after construction is completed.

**Dimensions**

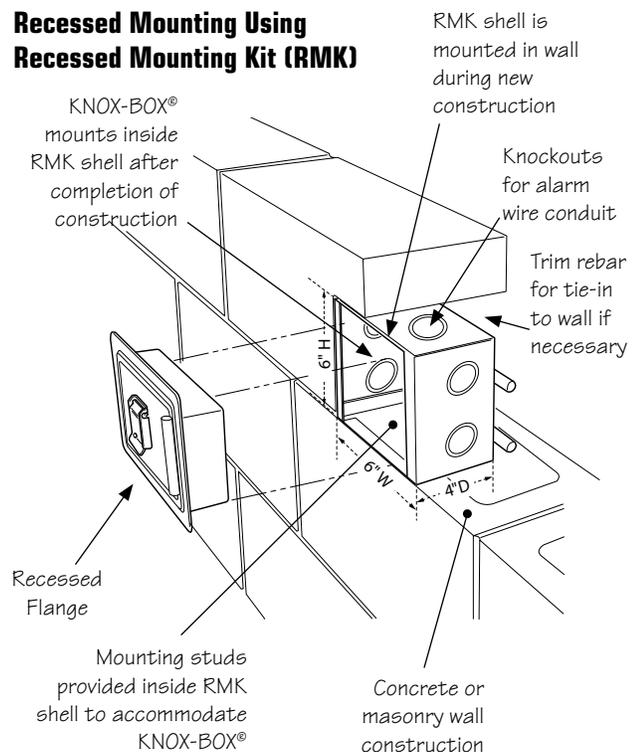
Rough-in Dimensions: 6-1/2"H x 6-1/2"W x 5"D

**IMPORTANT:** Care should be taken to insure that the front of the RMK shell housing, including the cover plate and screw heads, is flush with the finish wall. The RMK must be plumbed to insure vertical alignment of the vault.

**REAR VIEW showing orientation of RMK to Hinged Residential Knox-Box Backplate**



**Recessed Mounting Using Recessed Mounting Kit (RMK)**



**High Security Industrial/Government Key Box**

Recessed Mount  
with Face Flange



Surface Mount



The number one high-security KNOX-BOX® is used for most commercial applications including businesses, schools, government and public buildings, community associations and apartment complexes. The 3200 Series KNOX-BOX holds keys, access cards and other small items necessary for emergency access.

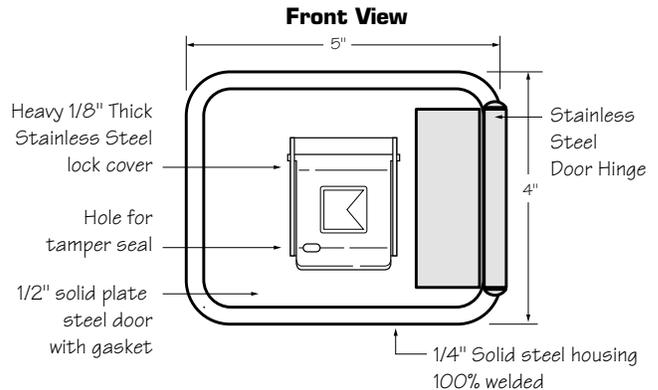
The hinged-door 3200 Series KNOX-BOX is more convenient than the lift-off door version because it allows single-handed operation and opened or closed, it's all one unit.

**Features and Benefits**

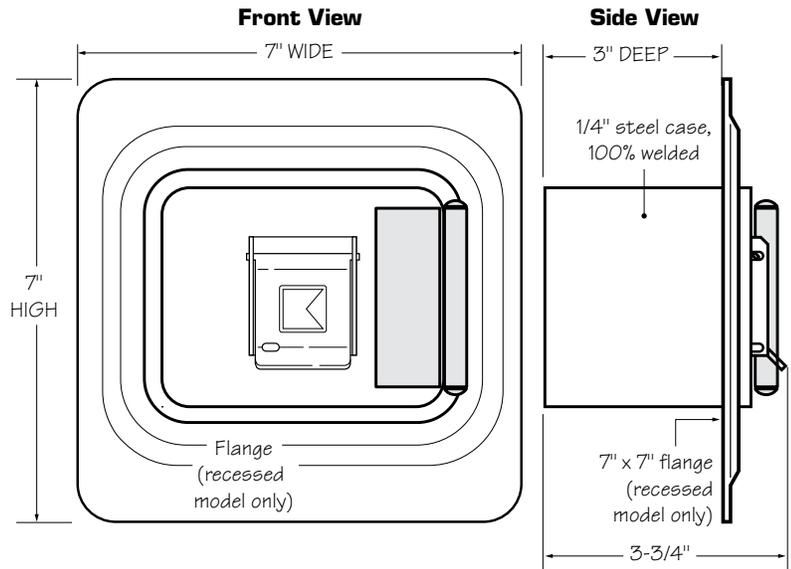
- Holds up to 10 keys and access cards in interior compartment
- Ensures high security. Box and lock are UL® Listed
- Includes a Knox-Coat® proprietary finishing process that protects Knox products up to four times better than standard powder coat
- Resists moist conditions with a weather resistant door gasket
- Hinged door allows single-handed operation
- Colors: Black, Dark Bronze or Aluminum
- Weight: Surface mount - 8 lbs.  
Recessed mount - 9 lbs.

**Options**

- Alarm tamper switches (UL Listed)
- Recessed Mounting Kit (RMK) for recessed models only
- Inside switch for use on electrical doors, gates and other electrical equipment



**3200 Surface Mount**



**3200 Recessed Mount**

**Ordering Specifications**

**To insure procurement and delivery of the 3200 Series KNOX-BOX, it is suggested that the following specification paragraph be used:**

**KNOX-BOX** surface/recessed mount with hinged door, with/without UL Listed tamper switches. 1/4" plate steel housing, 1/2" thick steel door with interior gasket seal and stainless steel door hinge. Box and lock UL Listed. Lock has 1/8" thick stainless steel dust cover with tamper seal mounting capability.

Exterior Dimensions: Surface mount body- 4"H x 5"W x 3-3/4"D  
Recessed mount flange- 7"H x 7"W

Lock: UL Listed. Double-action rotating tumblers and hardened steel pins accessed by a biased cut key.

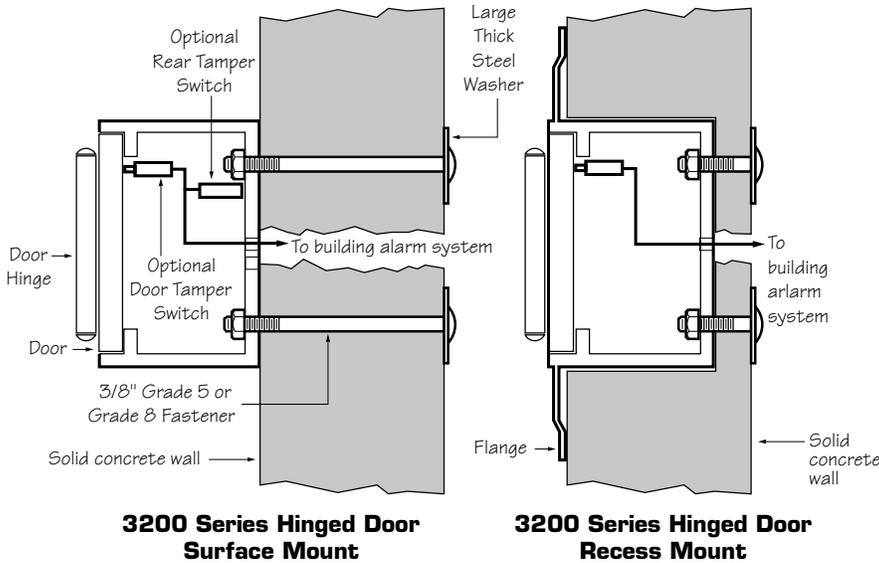
Finish: Knox-Coat® proprietary finishing process

Colors: Black, Dark Bronze or Aluminum

P/N: 3200 Series KNOX-BOX (mfr's cat. ID)

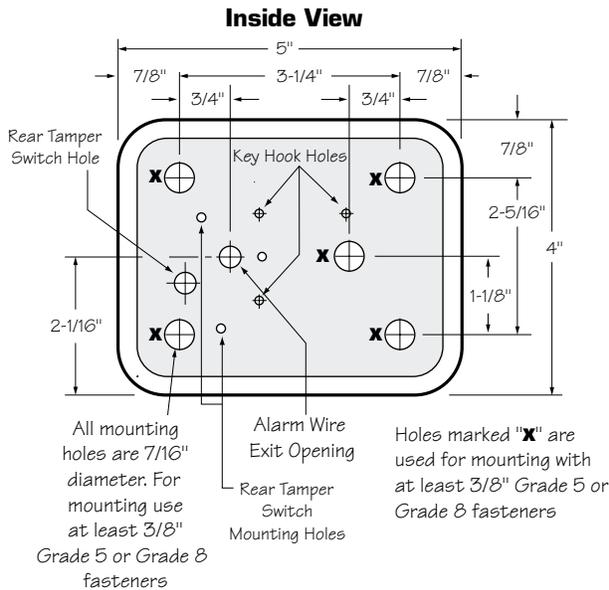
Mfr's Name: **KNOX COMPANY**

**Suggested minimum mounting height  
6 feet above ground**



**3200 Series Hinged Door  
Surface Mount**

**3200 Series Hinged Door  
Recess Mount**



**Attention: KNOX-BOX® is a very strong device that MUST be mounted properly to ensure maximum security and resist physical attack.**

**Knox® Rapid Entry System**

The Knox Company manufactures a complete line of high security products including Knox-Box key boxes, key vaults, cabinets, key switches, padlocks, locking FDC caps, plugs and electronic master key security systems. For more information or technical assistance, please call Customer Service at 1-800-552-5669.

**Recessed Mounting Kit**

The 3200 Recessed Mounting Kit (RMK) is used for recessed models only. It contains a shell housing and mounting hardware to be cast-in-place in new concrete or masonry construction. After construction is completed, the KNOX-BOX mounts inside the RMK. The RMK may only be used in new concrete or masonry construction.

**Installation In Cast Concrete**

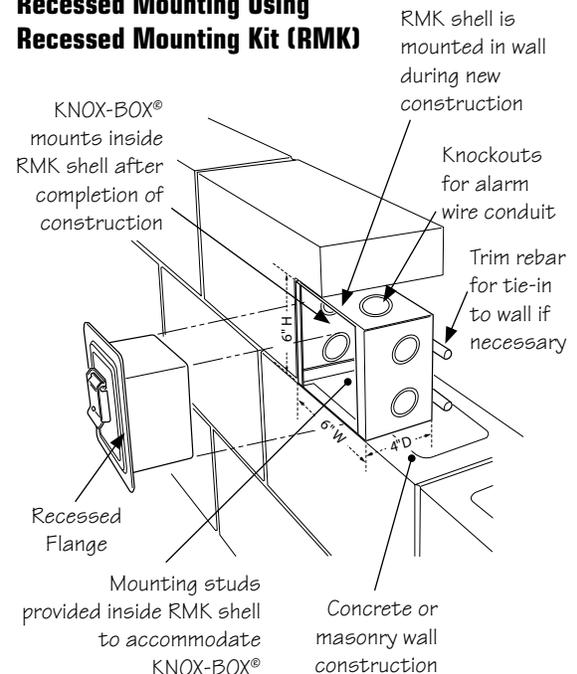
The optional Recessed Mounting Kit is for use in new concrete or masonry construction only. The kit includes a shell housing and mounting hardware to be cast-in-place. The KNOX-BOX is mounted into the shell housing after construction is completed.

**Dimensions**

Rough-in Dimensions: 6-1/2"H x 6-1/2"W x 5"D

**IMPORTANT: Care should be taken to insure that the front of the RMK shell housing, including the cover plate and screw heads, is flush with the finish wall. The RMK must be plumbed to insure vertical alignment of the vault.**

**Recessed Mounting Using  
Recessed Mounting Kit (RMK)**



**High Security Industrial/Government Key Vault**

Recessed Mount  
with Face Flange



Surface Mount  
with optional  
Tamper Switch



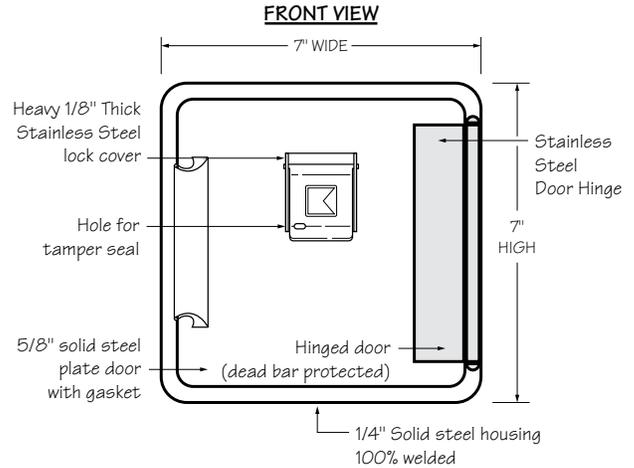
Knox-Vault™ key boxes are used in larger businesses, industrial properties, public buildings and universities. The heavy-duty, high security 4400 Series Knox-Vault protects and stores building keys, access cards and floor plans for emergency entry. The vault also provides secure storage for other internal and external applications.

**Features and Benefits**

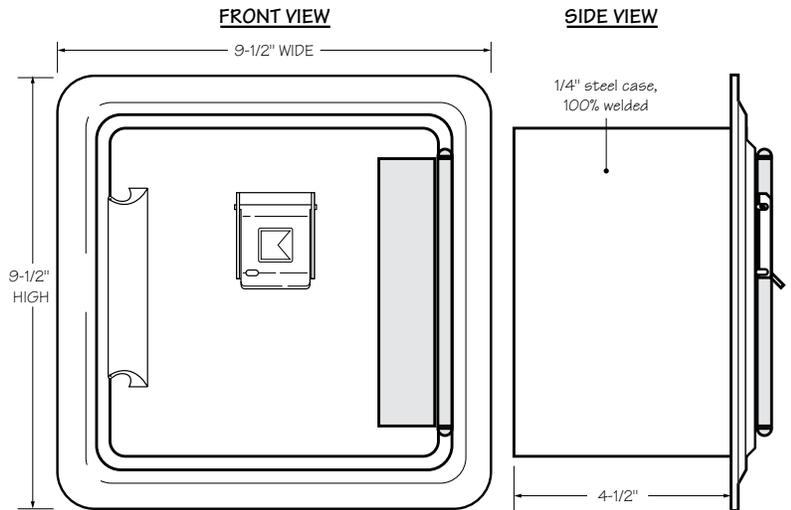
- Holds up to 50 keys in the large interior compartment
- Ensures high security with UL® Listed Medeco lock(s)
- Includes Knox-Coat® that is four times better than standard powder coat
- Resists moist conditions with a weather resistant door gasket
- Colors: Black, Dark Bronze or Aluminum
- Weight: Surface mount - 28 lbs.  
Recessed mount - 29 lbs.

**Options**

- Alarm tamper switches (UL Listed)
- Additional rust and corrosion protection (Aluminization)
- Recessed Mounting Kit (RMK) for recessed models only
- Custom vault depth available
- Dual lock configuration
- Inside switch for use on electrical doors, gates and other electrical equipment



**4400 Surface Mount**



**4400 Recessed Mount**

**Ordering Specifications**

*To insure procurement and delivery of the 4400 Series Knox-Vault, it is suggested that the following specification paragraph be used:*

**KNOX-VAULT** surface/recessed mount, with/without UL Listed tamper switches. 1/4" plate steel housing, 5/8" thick steel door with interior gasket seal and stainless steel hinge. Vault and lock UL Listed. Lock has 1/8" thick stainless steel dust cover with tamper seal mounting capability. Vault has anti-theft re-locking mechanism with drill resistant hard-plate lock protector.

Exterior Dimensions: Surface mount - 7"H x 7"W x 5"D  
Recessed mount flange - 9 1/2"H x 9 1/2"W

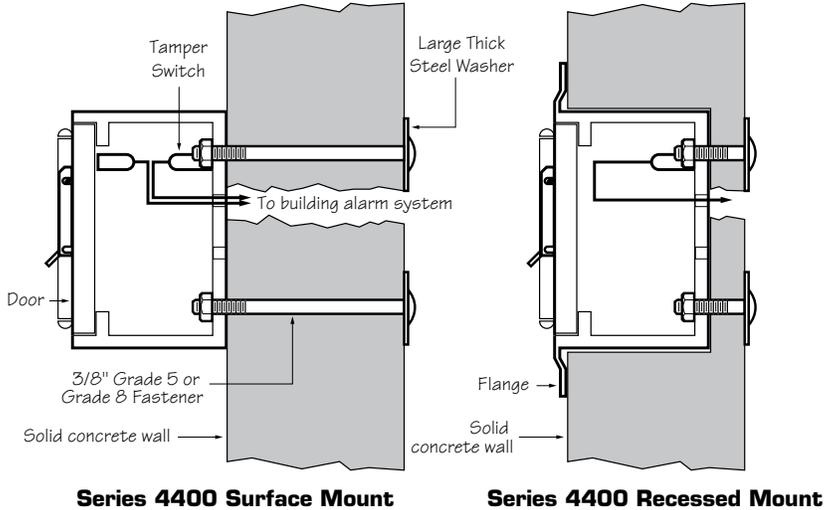
Lock: UL Listed. Double-action rotating tumblers and hardened steel pins accessed by a biased cut key.

Finish: Knox-Coat® proprietary finishing process  
Finish Color - Black, Dark Bronze or Aluminum

P/N: 4400 Series Knox-Vault (mfr's cat. ID)

Mfr's Name: **KNOX COMPANY**

**Suggested minimum mounting height  
6 feet above ground**



**Recessed Mounting Kit**

The 4400 Recessed Mounting Kit (RMK) is used for recessed models only. It contains a shell housing and mounting hardware to be cast-in-place in new concrete or masonry construction. After construction is completed, the Knox-Vault mounts inside the recessed shell housing. The RMK may only be used in new concrete or masonry construction.

**Installation In Cast Concrete**

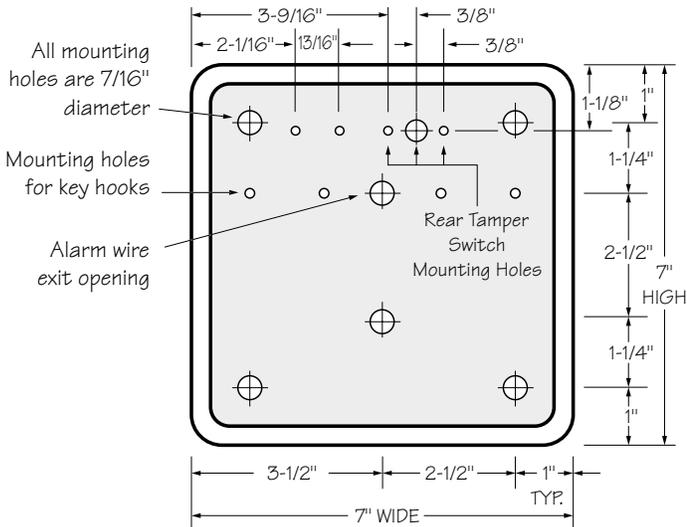
The optional Recessed Mounting Kit is for use in new concrete or masonry construction only. The kit includes a shell housing and mounting hardware to be cast-in-place. The KNOX-VAULT is mounted into the shell housing after construction is completed.

**Rough-In Dimensions**

8 1/2"H x 8 1/2"W x 7"D

**IMPORTANT:** Care should be taken to insure that the front of the RMK shell housing, including the cover plate and screw heads, is flush with the finish wall. The RMK must be plumbed to insure vertical alignment of the vault.

**INSIDE VIEW**

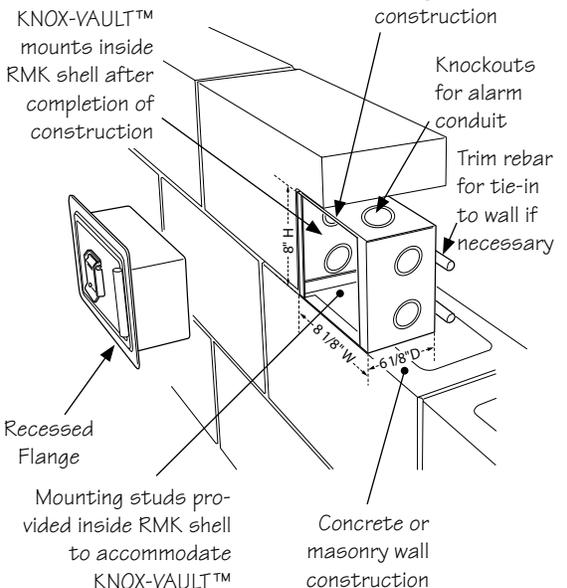


**Attention:** KNOX-VAULT™ is a very strong device that **MUST** be mounted properly to ensure maximum security and resist physical attack.

**Knox® Rapid Entry System**

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**Recessed Mounting Using Recessed Mounting Kit (RMK)**

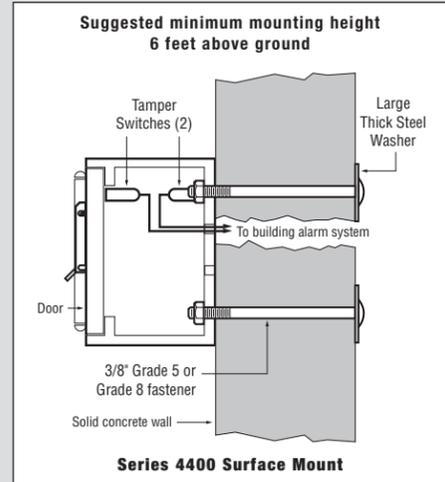


# MOUNTING INSTRUCTIONS – 4400 Series KNOX-VAULT®

Installation of this product should be performed only by individuals skilled in the use of the tools and equipment necessary for installation. If you have any doubt concerning your competence or expertise, consult a qualified expert to perform the installation.

## Surface Mounted Models

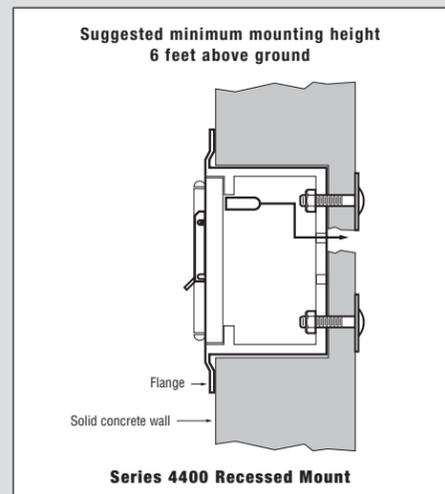
Surface models are designed for mounting on a flat wall. Do not mount face down from ceiling or overhang area. When the KNOX-VAULT model includes tamper switches, set the tamper switches aside until the box is mounted on the wall. Check to see that the "box to wall" tamper plunger is properly depressed. If switch plunger does not properly depress, adjust the screw on the plunger for the proper length.



## Recess Mounted Models

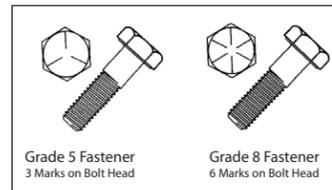
Recess models are designed for flush mounting. Do not mount face down from ceiling or overhang area. Units can be adapted to fit a variety of solid walls or in a concrete wall. A Recessed Mounting Kit is recommended for concrete or masonry walls under construction. Do not over tighten mounting bolts as this will distort the flange.

Set the tamper switches aside until the box is flush mounted. Do not allow the top right mounting bolt to extend too far into the box so as to interfere with the door tamper switch. Wiring should be pulled tight so that attempts to force the box out of the wall will break the wire or pull the terminals loose. If installing the box on a thin or hollow wall, use a solid backing (like 3/8" steel plate fastened to solid studs on both sides) for secure mounting. Mounting to solid studs or steel support is always required. Alarm wiring/testing should be performed by a qualified alarm installer.



## General Mounting Instructions

- 1 Always mount your KNOX-VAULT to a secure, solid wall, beam or post. A six foot height level is recommended to resist vandalism.
- 2 Use a small level to plumb the vault square.
- 3 Mount the KNOX-VAULT so the small moisture drain hole inside of the vault is on the bottom.
- 4 Use at least four (4) Grade 5 or Grade 8 fasteners (carriage bolts, etc.) of 3/8" diameter. Units may also be welded into place. Mounting to solid beams or steel supports is best. Mounting face down from ceiling or overhang area may cause contents to jam lock.



- 5 Caulk the sides and the top between the wall and the box for water proofing. Leave the bottom open for drainage. Be sure that the drain hole on the inside of the Knox-Vault is clear of any debris that could obstruct it.
- 6 Use of a professional locksmith or alarm products installer is highly recommended.

**Important:** When mounting of the KNOX-VAULT is complete, contact your local fire department to inform them the box is ready for lock up. They have the only key.

**For private, industrial or commercial use:** keys will be sent separately to address requested.

**Door Removal and Adjustment:** If door must be removed, remove only the top and bottom hinge pin screws. Do not remove the three hinge bracket screws as these are factory set for proper door alignment. When replacing the door, adjust hinge pin screws loose enough so that door swings freely. Thread locker (LOCTITE) must be used on hinge pin screws.

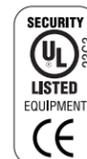
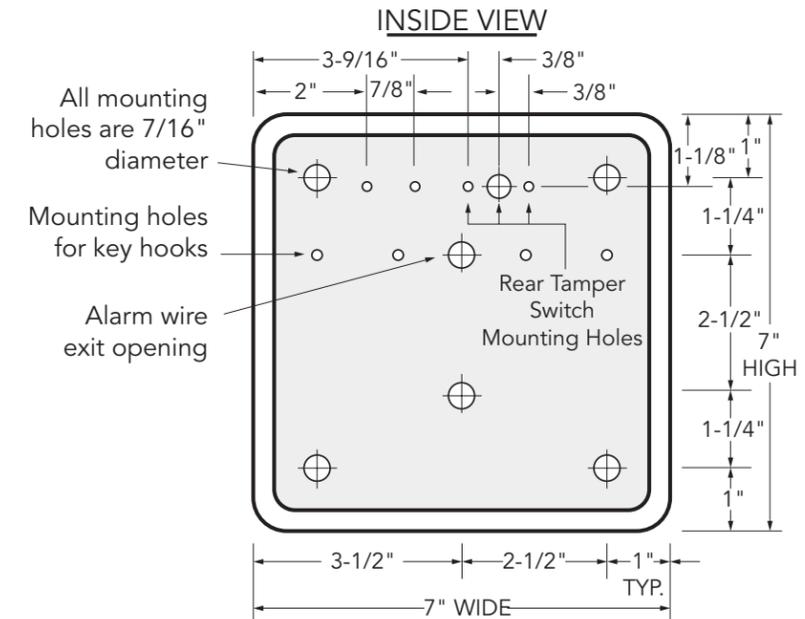
# HINGED DOOR MODELS



Series 4400 Recessed



Series 4400 Surface Mount with Tamper Switch



All 4400 Series Knox-Vaults are fully tested and listed by Underwriters Laboratories as anti-theft devices. Alarm tamper switches are UL listed as Central Station Alarm Units. UL Electrical Range: Max Voltage of 24 VDC at 50 mA.

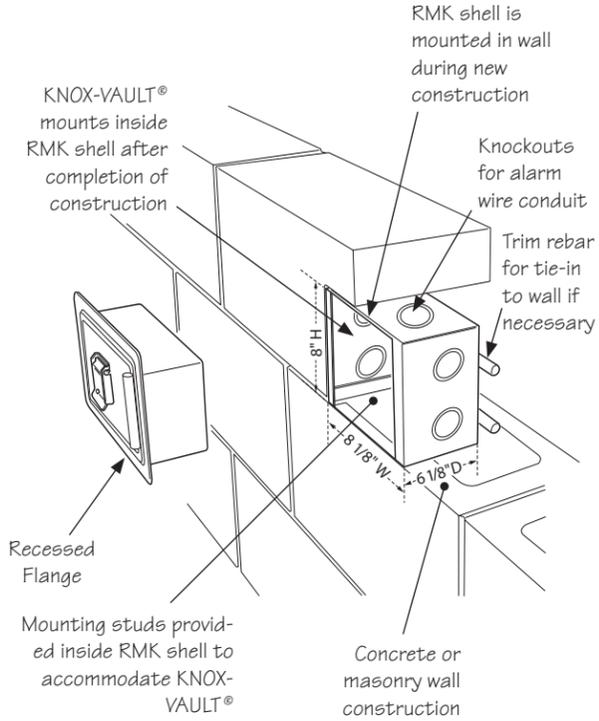
# RECESSED MOUNTING USING RECESSED MOUNTING KIT (RMK)

The optional Recessed Mounting Kit is for use in new concrete or masonry construction only. The kit includes a shell housing and mounting hardware to be cast-in-place. The KNOX-BOX is mounted into the shell housing after construction is completed.

Rough-in Dimensions: 8 1/2"H x 8 1/2"W x 7"D

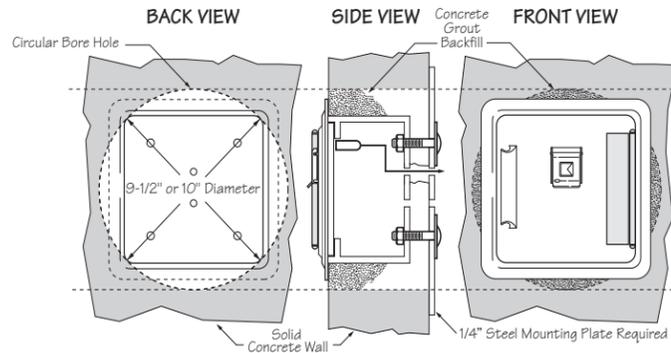
**Installation:** Mounting kit may be fastened to inside wall of a concrete form or set in place during masonry wall construction. Wiring conduit may be connected through knock-out hole(s) in the shell housing.

**IMPORTANT:** Take care to make sure that the front of the shell housing, including the cover plate and screw heads, are flush with the finish wall. Leave cover and screws in place until the KNOX-BOX is ready for mounting inside. The four (4) mounting studs may be replaced with Grade 5 or Grade 8 bolts or longer studs if required. Two (2) long sheet metal screws are provided for attachment of shell housing to the inside of a concrete form. With the housing held firmly in place, drill two (2) 1/8" holes through the form wall and the housing front cover. Insert screws and pull housing tight against form wall. Remove screws before removing form.



## Recessed Mounting in Solid Concrete Wall

1. Bore 9-1/2" or 10" diameter hole through solid wall.
2. Install KNOX-VAULT per General Mounting Instructions, including steel mounting plate.
3. Install electrical wiring if required.
4. Grout-in visible hole on all four sides of KNOX-VAULT.
5. Patch exterior paint if needed.



## READ INSTRUCTIONS CAREFULLY BEFORE MOUNTING

The 4400 Series KNOX-VAULT® is a heavy-duty, high-security key vault that stores building keys, access cards and floor plans for emergency entry. Each key vault is coated with the Knox-Coat® proprietary finishing process\* and includes a 1/8" thick stainless steel dust cover to protect the lock. For maximum security, mount the unit properly in an area sheltered from excessive moisture. All keys stored in the unit must be hung on the key hooks supplied inside.

This box is protected by  
**KNOX-COAT®**  
Four times better  
than standard  
powder coat.

\* Knox-Coat is a proprietary finishing process that protects Knox products up to four times better than standard powder coat.

## MOUNTING INSTRUCTIONS

# KNOX-Vault® 4400 Series

Issue Date: December 2014



1601 W. Deer Valley Road, Phoenix, AZ 85027  
800-552-5669 • Fax 623-687-2299  
E-mail: info@knoxbox.com

DFE-KBSPFC-0035-C

## STOP WARNING

Read all instructions carefully before beginning installation. This unit must be installed by a qualified installer and in accordance with applicable local codes and ordinances that govern this type of equipment. Failure to properly mount the device per the installation instructions will compromise the security of the device. The Knox 4400 Series is an inherently strong device with many security features designed into the unit. However, careless installation with inadequate fasteners, flimsy mounting surfaces or improper mounting height can result in a security failure of the unit. Knox highly recommends that the device tamper switch be connected to the building's burglar alarm system for the highest level of security.

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## MOUNTING INSTRUCTIONS

# KNOX-Vault® 4400 Series

Issue Date: December 2014



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E-mail: info@knoxbox.com

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