



Rocklin Fire Department - Prevention Division

4080 Rocklin Road, Rocklin, CA 95677

(916) 625-5300



Knox Box Standard

Note: This guideline is a summary of Fire Department of State Codes. Information contained herein applies to typical circumstances and may not address all situations.

Purpose

The purpose of a Knox Box is to provide the Rocklin Fire Department with rapid, non-destructive access to the property and building during emergency situations.

Codes and Standards

Where access to or within a structure or an area is restricted because of secured opening(s) or where immediate access is necessary for life-saving or fire-fighting purpose, the fire code official is authorized to require a key box to be installed in accordance with 2013 CFC, Sec.506.

Scope

This standard has been developed to assist development applicants, architects, contractors, and building/business owners in determining the minimum requirements for building and gate fire department access during emergency responses.

The Knox System breaks down into four types:

Knox Box - Mounted on building and holds building entrance keys.

Knox Padlocks - Installed on non-powered access gates.

Knox Switches - Installed on powered access gates.

Opti-Com - Utilized on all powered gates as well as a Knox Key Switch

All four types operate with a single key that is secured by Rocklin Fire Department.

KNOX SYSTEM TYPES

KNOX BOX



General Information:

Knox Boxes, and similar products manufactured by Knox Company, are the only type approved by Rocklin Fire Department.

Knox Boxes also include boxes with tamper switches for buildings that are equipped with a fire alarm system. This switch may be tied into the fire alarm system, allowing the box to be monitored thereby, providing more security.

NOTE: Residential type boxes are not allowed to be used on commercial properties.

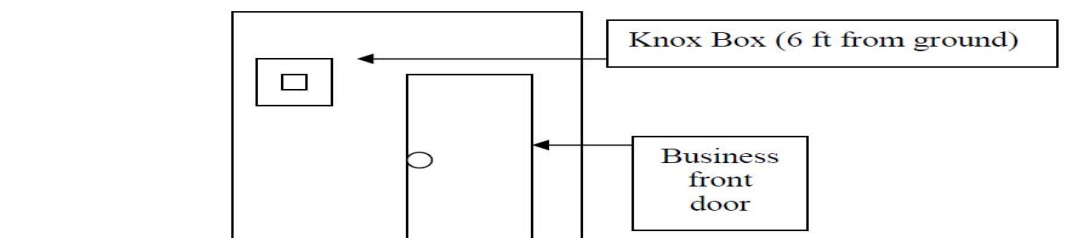
Required Keys: One (1) labeled key per tenant space and/or door locking applications shall be provided for installation within the Knox Box. If multiple keys are required, they shall each be labeled for identification. Examples of keys to be included:

1. Keys that will provide access to ALL areas of the building.
2. Rooms with fire detection and/or fire suppression equipment.
3. Keys to operate the protection equipment.
4. Elevator keys for operation and door control.
5. Appropriate codes and/or electronic key cards.
6. Fire alarm panel and manual pull station boxes.

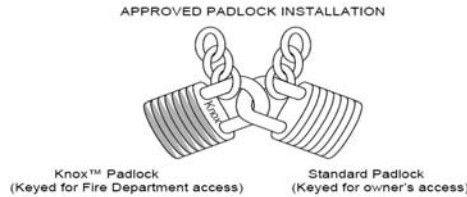
Installation:

Box shall be placed within proximity of the front main doors. Additional Knox boxes may be required at other locations for large structures or where access delays warrant it. As a general condition a structure greater than 10,000 square feet will require a Knox Box at the front and rear of the structure or when otherwise advised.

- * All models shall be mounted 60"(no higher than 6') feet above finished grade. The top of the box shall be no higher than 6' from finished grade. The box shall be clearly visible and mounted in accordance with manufacturer's specification.



KNOX PADLOCKS



General Information:

Knox Padlocks, and similar products manufactured by Knox Company, are the only type approved by Rocklin Fire Department.

A Knox Padlock is required where a chain or manual gate is being utilized.

Installation:

Verify the shackle size and that the links on the chain are large enough to allow the padlock shackle to pass through.

How to utilize two padlocks – One standard lock and one Knox lock can be hooked together as indicated on the diagram above. This will allow access for, both, the owner and Fire Department.

KNOX SWITCHES / OPTICOM RECIEVERS



General Information:

Knox Key Switches, and similar products manufactured by Knox Company, and Opticom receivers, must be utilized on all vehicle gates. All gates must be timed to remain open for 10 minutes after activation.

A Knox Key Switch is required on all electronic gates and is the only application for this use.

Installation:

A licensed gate contractor shall install Knox Switches and Opticom receivers.

Upon actuation of the Knox Key Switch, the gate shall open, along with any additional swing arms. The gate and swing arm shall stay in the open position until the key switch is put back into normal operating position by the Fire Department.

Plans Required

All required plans, shall be submitted to the Rocklin Fire Department for review and approval of mounting location/position and operating standards, prior to installation.

NOTE: New buildings shall note location(s) of Knox products on all building and fire alarm plans.

How to order Knox Equipment

Obtain an original wet signed Knox application form from the Fire Administration office addressed above. Make sure the Knox form is completely filled out prior to sending.

NOTE: Oder shall be placed directly through the Knox Company. Payment is made to Knox Company not Rocklin Fire Department. Knox Equipment is not shipped to one of our offices. Have equipment shipped to a location of your choice.