LockerLock Mounting Instructions and Operation, Simple Mode

NOTICE: Any changes or modifications made to the LockerLock will void the user's authority to operate this equipment in compliance with FCC regulations.

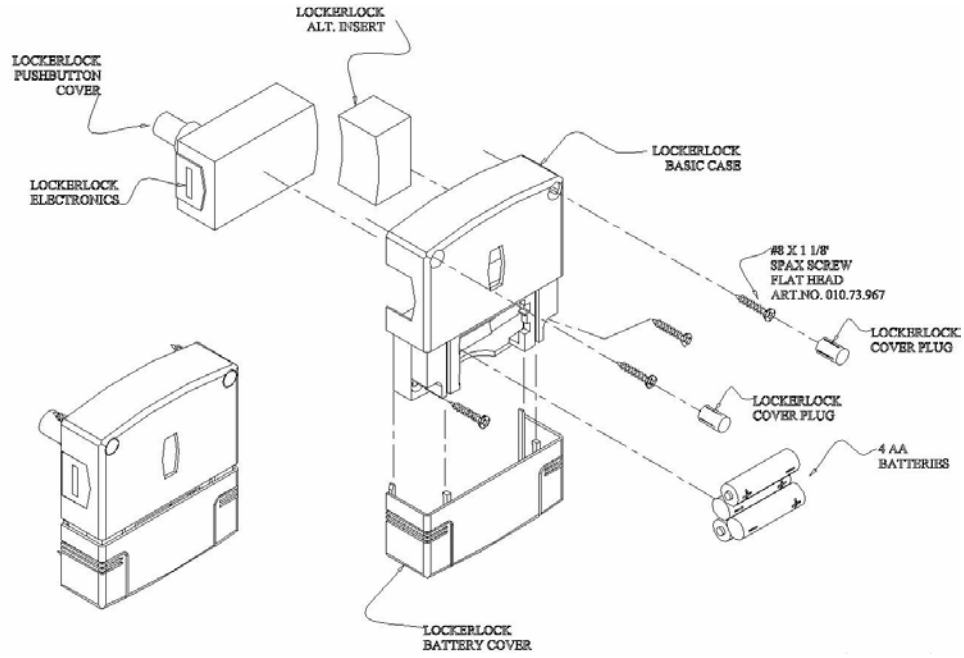
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the factory or an experienced radio/TV technician for help.

Set-up:

Set-up of the Dialock LockerLock unit begins with unpacking and inspecting the unit. Remove and discard the box and packing material. Inspect the unit and all other components for obvious signs of damage. Contact the dialock department for questions or problems. The following list includes the article numbers along side the components packed in the set:

- 1 – LockerLock Set Tiris, 231.80.000
- 1 – LockerLock Label, Silver, Blank, 231.81.100
- 1 – LockerLock Instructions Label, Silver, 231.81.200
- 2 - LockerLock Cover Plug, 231.80.200

Installation:



Begin by locating and removing the battery cover from the bottom of the LockerLock assembly. This component should be partially detached straight out of the box. Choose the correct mounting diagram for preparing the door for installation (**see figures 1, 2, and 3** for typical application drawings).

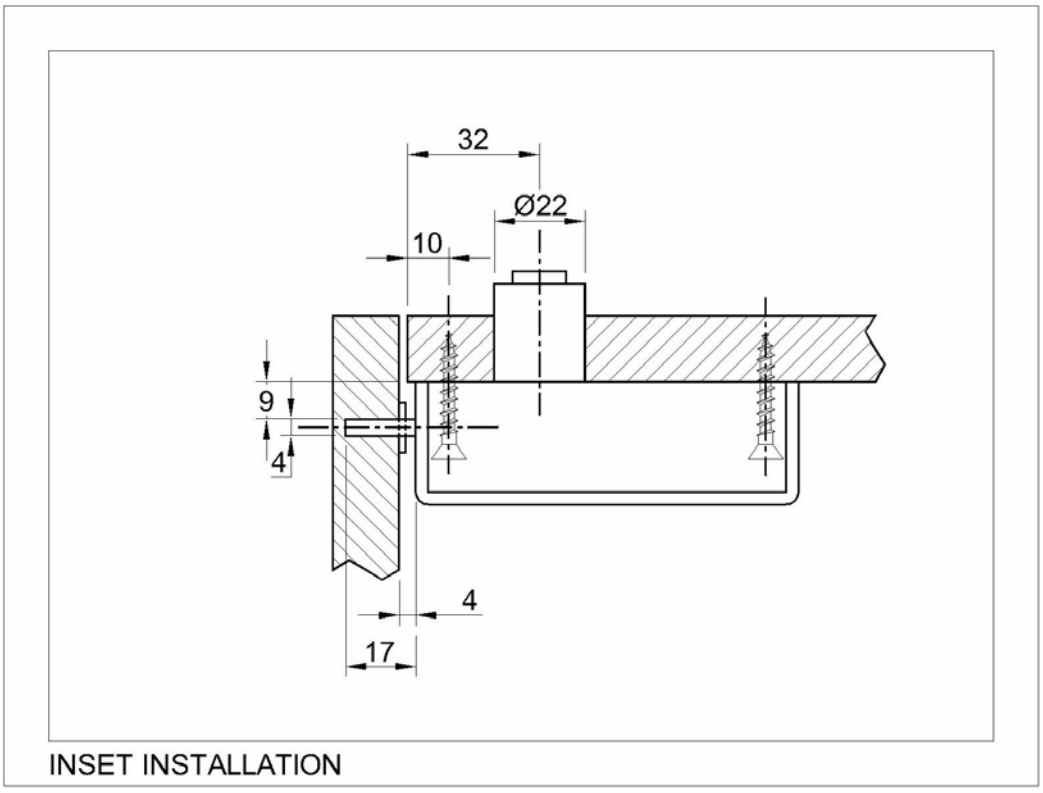


Figure 1 Inset door application utilizing a mortised recess and strike plate for securing the deadbolt.

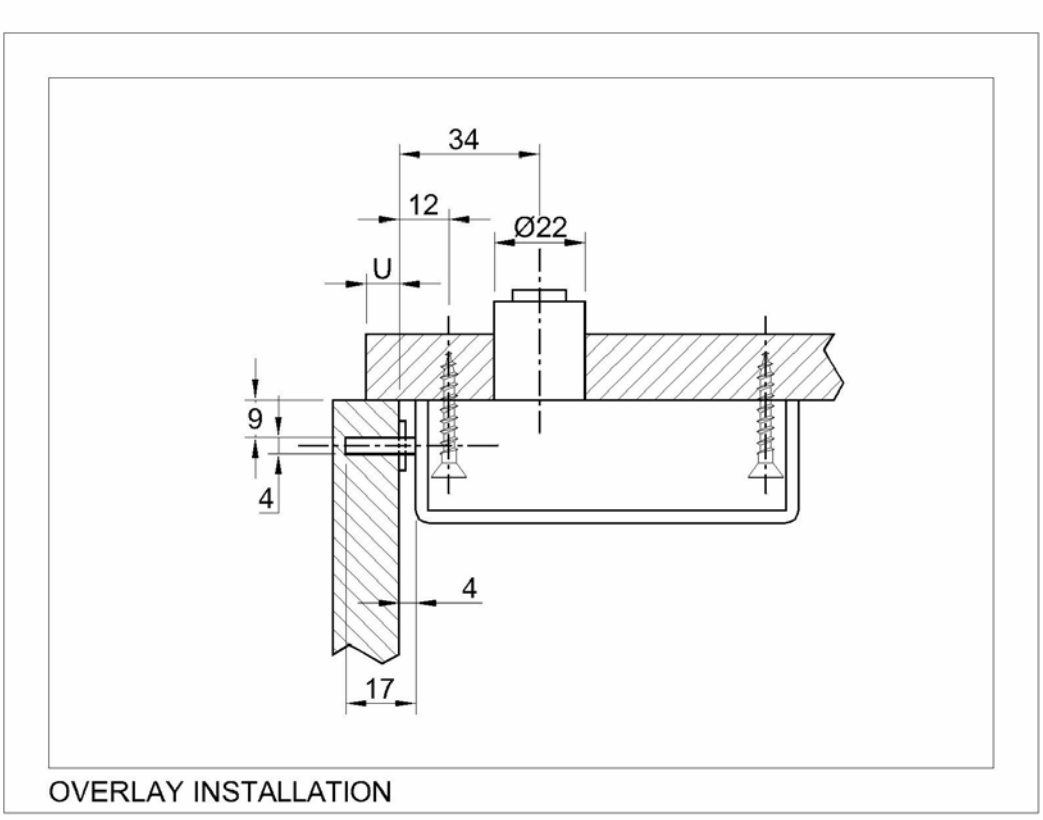


Figure 2 Overlay door application utilizing a mortised recess and strike plate for securing the deadbolt.

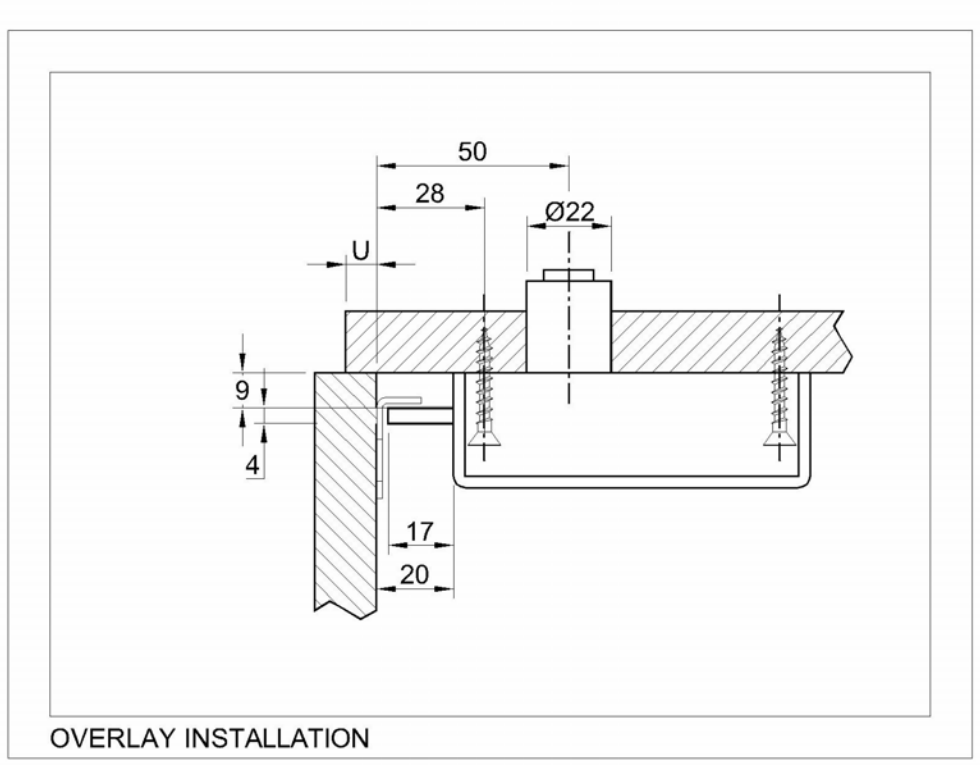
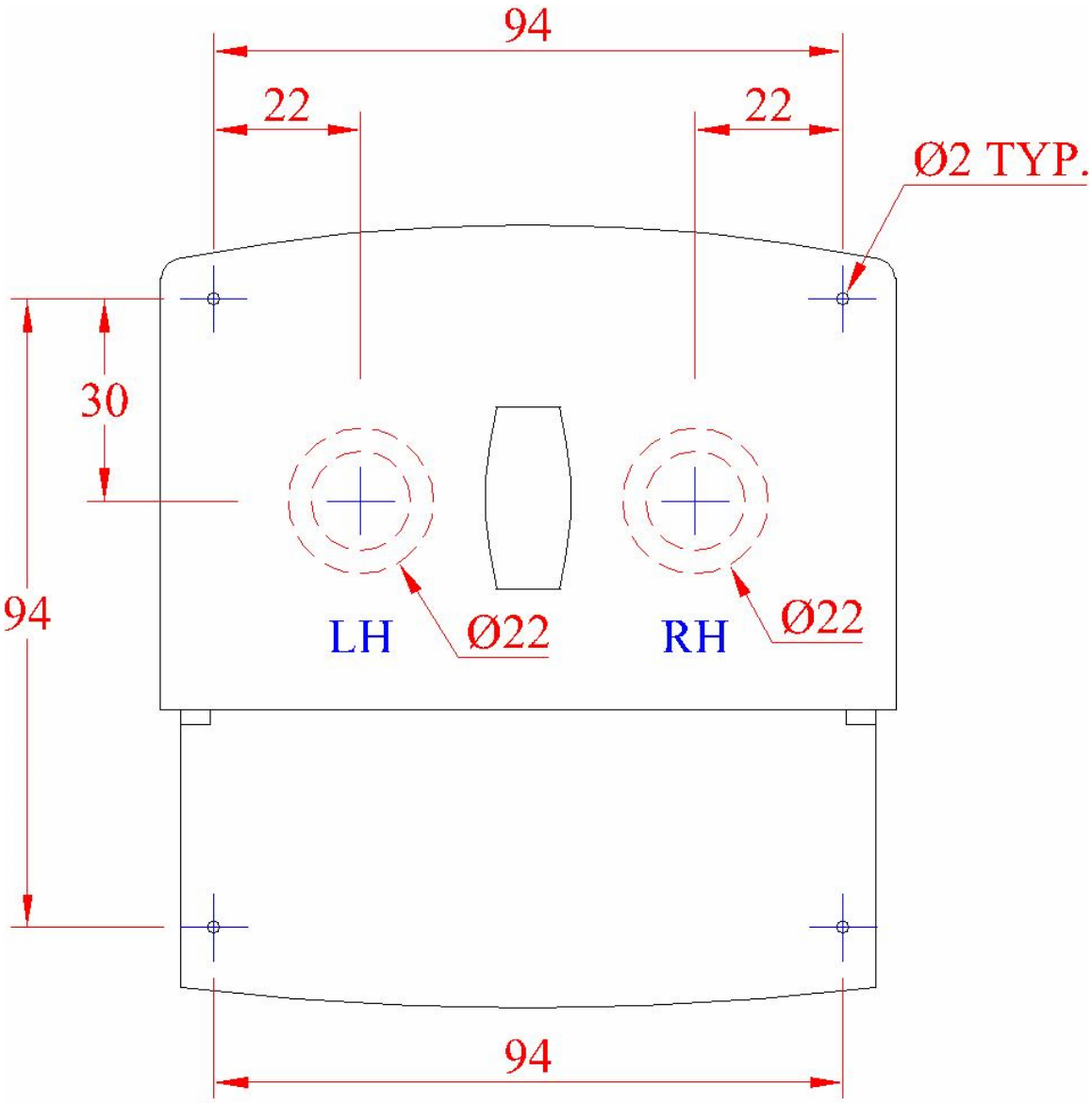


Figure 3 Overlay door application utilizing an angled strike plate for securing the deadbolt.



DRILLING DIAGRAM

* LH & RH AS SEEN FROM INSIDE OF DOOR. Mount attached diagram to inside of door.

After the LockerLock unit has been attached to the door install four AA batteries per the + and – designations on the LockerLock body. Replace battery cover. The two extension hooks on the cover will have to be pressed in as the cover is reseated. Make sure the cover is secured.

The unit is ready to be programmed for operation.

Programming:

Setting unit into Simple mode

Read these sections through completely before powering the system

Learning of Addition and Deletion Key-Sticks

As soon as the system is activated (the system is activated by depressing fully the push button with a finger), a green LED light flashes for a several seconds. This light as well as the red LED are located in the small plastic window on the back side of the unit (center of the LockerLock unit on the side opposite the push button). The red LED light flashes, also for several seconds. These are the two learning phases for the addition and deletion key-sticks. During the time when the green LED flashes, the green addition key-stick must be presented to the LockerLock push button by depressing the button for a second. During the time when the red LED flashes, the red deletion key-stick must be presented to the LockerLock push button by depressing the button for a second.

After these two key-sticks have been initialized, user keys can be added or deleted in the LockerLock memory.

If the reader push button is pressed on the LockerLock without having the green and red key-sticks available, you must wait for the learning process to be completed. Afterwards, the push button on the LockerLock must be pressed again, when the keys are accessible.

IMPORTANT!!!! IN STAND ALONE [SIMPLE] (GREEN AND RED) PROGRAMMING, THE FIRST TWO TRANSPONDERS SHOWN TO A FLASHING GREEN AND RED LED BECOME THE ADDITION AND DELETION KEYS RESPECTIVELY. CARE SHOULD BE TAKEN TO MAKE SURE THE PROPER KEYS ARE PROGRAMMED!!!!!

Normal Operation – Programming for Authorized Keys
Authorizing a key is accomplished for LockerLock by presenting a key when the unit has been set to the Programming Mode.

Activate the Programming Mode for LockerLock by pressing the push button (the red light will be illuminated) and presenting the Green Addition Key. The green LED light will then begin flashing. While the light is flashing, present all user keys by depressing each for a second into the push button. A short solid green illumination of the LED light signals that the key has been programmed for the LockerLock unit. After all user keys have been added to the unit, wait for the green LED light to go out before operating the unit.

Deletion of a user Key with locking authorization
By pressing the red deletion key into the push button, the red LED light will begin to flash. This indicates the deletion mode has been activated. Present the desired user key to be deleted by depressing the push button on the LockerLock for a second. The red indicator light will light up constantly for a short period of time as confirmation.

This deletes authorization for an opening previously programmed for this key.

If no key is read within five seconds, the deletion process is terminated and the LockerLock is returned to standard operating mode.

Deletion of All Electronic Keys with locking authorization
If the need arises for deleting all keys (due to one key being lost and access by that key causing a security liability), all previously authorized keys can be deleted and the remaining keys be reprogrammed.

By pressing the red deletion key-stick into the push button, the red LED light will begin to flash. Next, press the green programming key-stick into the push button. This will delete all authorized user key-sticks assigned to the LockerLock unit.

Normal Operation
Depress the push button with an authorized user key. An audible “click” will be heard which indicates that the dead bolt is locked in the extended position by an

internal solenoid. The push button is held in the depressed position during all locked situations. To open the LockerLock, depress the push button with an authorized user key. An audible “click” will be heard (this indicates that the solenoid been released). Remove the key from the push button and the button will spring out releasing the dead bolt. Repeat this process as required.

Battery Changing Procedure

The expected battery life for the LockerLock unit is an estimated 10,000 lock cycles. Batteries should last for 3 years (based on ten lock cycles per day). For safety purposes, batteries should be changed between 1 ½ to 2 years after installation.

In the case that the batteries are low on energy, the unit will not be capable of locking (by design) until the batteries are changed. The indicator lights on the back of this unit will flash green and red alternating in the case of low battery power.

To change the batteries, place the Battery Removal tool over the battery cover (match contours of the battery cover and tool). Slide assembly down to pull cover off. Change batteries following the polarity (+/-) signage on the LockerLock body. Replace battery cover. The two extension hooks on the cover will have to be pressed in as the cover is reseated. Make sure the cover is secured. The unit is once again ready for operation.

Theory of Operation

When the front button is depressed, the electronic circuitry inside the LockerLock wakes up. An antenna set around the button starts to transmit radio frequency signals.

The key has a miniature antenna and circuitry that obtain power from the radio signal. The key then sends back its identification information through a radio signal of its own. The LockerLock receiver decodes this information, compares it with the authorization instructions that are stored in its brain, and will operate the lock to allow the latch to be retracted if the ID of the key matches the list.