



# HDX-150

(PATENT APPROVED -12/31/13)

# SMART VAULT



## FEATURES & BENEFITS:

- ✓ **Reliable BIOMETRIC Access**
- ✓ **Lighted Interior**
- ✓ **Stores 15 Fingerprints**
- ✓ **Security Cable Included**



### **STOP!**

Do not return to retailer. If you have questions about your HDX-150 SMART VAULT or need help configuring the system, please contact us at 800.247.5625.



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at  
[libertysafeHD.com/video](http://libertysafeHD.com/video)

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# HOME DEFENDER SERIES



## INTRODUCTION

Thank you for purchasing the HDX-150 SMART VAULT. This smart vault incorporates state-of-the-art biometric technology to safeguard your valuable property. It is important that you take a few minutes to read this manual to ensure the proper function of your HDX-150 Smart Vault. Also, to better serve you in the future, properly register your new vault on line at: [libertysafeHD.com/warranty](http://libertysafeHD.com/warranty).

### WHAT IS BIOMETRIC TECHNOLOGY?

Biometric technology is the recognition of the physical characteristics of an individual. Examples are voice patterns, iris or retina differences, handwriting technique and, of course, fingerprints. It has been known for more than 2000 years that an individual's fingerprint pattern is unique. Through the use of advanced electronics, fingerprint recognition has become a very secure, fast and economical way to determine a person's identity.

### HDX-150 SMART VAULT

Smart Vaults allow you the ability to utilize advanced biometric technology which allows only authorized users to access your valuables.

The HDX-150 SMART VAULT can enroll up to 15 authorized fingerprints into memory during a simple setup process. Once these fingerprints are captured and encrypted, they can never be stolen from the system.

To gain access, slide your finger across the sensor. The sensor scans the fingerprint's data and compares it against the encrypted fingerprint data in memory. Based on the stored fingerprint information, the HDX-150 SMART VAULT accepts or rejects access quickly and accurately.

### HDX-150 SMART VAULT FEATURES

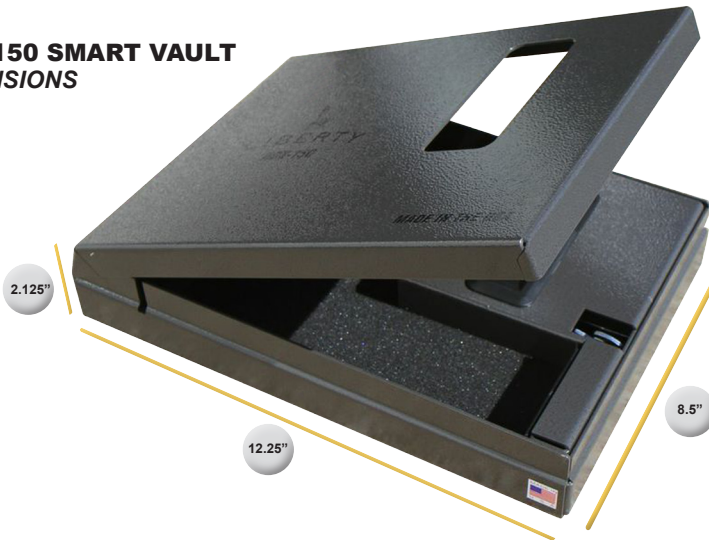
- Quick access (requiring only one finger)
- Rugged steel construction
- Tamper Alert
- State-of-the-art technology
- 9V battery power
- Optional A/C adapter
- Quick and easy reconfiguration
- Recognizes up to 15 fingerprints
- Key backup
- Padded lining

### IMPORTANT

- **DO NOT** lock the keys inside your SMART VAULT. Store them away as backup.
- **DO NOT** get the sensor area wet.
- **DO NOT** expose to extreme heat or cold. Battery power may be affected.
- **DO NOT** overstuff your vault. This may cause the locking mechanism to jam. If this occurs please use the key to unlock and cycle the biometric lock with your finger print after you have opened to reset.
- **ALWAYS** check to make sure door has latched when closing.

# HDX-150 SMART VAULT

## HDX-150 SMART VAULT DIMENSIONS



## CUSTOMER SERVICE

### TECHNICAL SUPPORT

Do not return to retailer. If you have questions about your HDX-150 SMART VAULT or need help configuring the system, please contact us at 800.247.5625.

### WEB SITE

**libertysafeHD.com**

Refer to our web site to download a copy of the current owner's manual and other product information. Also, check frequently for updates on new options and products, as well as exclusive owner information.



## REGISTRATION

### TO REGISTER

Go to [libertysafeHD.com/warranty](http://libertysafeHD.com/warranty) and fill out on-line registration. The serial number is located on the bottom.

### DISCLAIMERS

NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR THE INABILITY TO USE, THE HDX-150 SMART VAULT.

THE USER SHALL DETERMINE THE SUITABILITY OF THE HDX-150 SMART VAULT BEFORE THE INTENDED USE AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.





## CONTENTS

### IN THE BOX

- (1) HDX-150 SMART VAULT
- (2) Backup Keys
- (1) 9 Volt Battery
- (1) Straight Tool (used to program vault)
- (1) Tie Down Cable
- Document Package (Owner's Manual and Keyhole Cover)

**NOTE:** If parts are missing or damaged, contact Technical Support at 800.247.5625.

### IMPORTANT

You received two keys with your HDX-150 SMART VAULT. These keys are an alternate means to open the HDX-150 SMART VAULT. **DO NOT STORE THE KEYS IN THE VAULT.** Store your keys in another secure location.



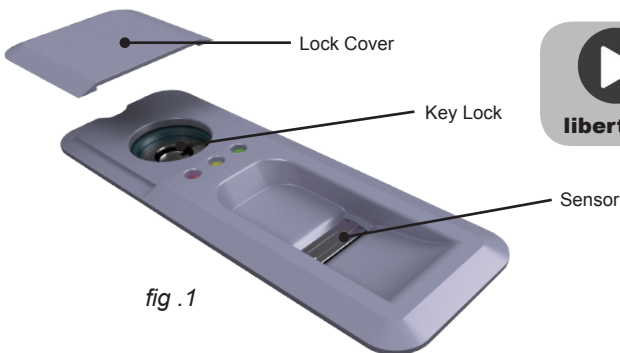
## GETTING STARTED

### STEP 1 | OPEN THE SMART VAULT *using the backup key*

#### Opening the HDX SMART VAULT door

- Locate the backup keys in the plastic bag
- Insert the key into the lock and turn to release door catch (door will pop open)

**CAUTION:** STORE THE BACKUP KEYS IN A SECURE LOCATION AWAY FROM THE SMART VAULT. **DO NOT LOCK KEYS INSIDE THE VAULT.**



### POWER SUPPLY

HDX-150 SMART VAULTS are powered by a single 9 volt battery and/or an A/C adapter. When using both power options the battery will act as a backup power source.

**Note:** If using optional A/C adapter, continue to STEP TWO.  
If installing battery only, skip to STEP THREE.

# HDX-150 SMART VAULT

## STEP 2

### CONNECTING THE A/C ADAPTER

*The A/C adapter is an optional accessory*

Connect the A/C adapter to the A/C jack located on the right side of the SMART VAULT. Plug the A/C power supply adapter into an electrical outlet. The A/C adapter provides continuous power to the HDX-150 SMART VAULT and eliminates the sensor “wake-up” process that occurs when utilizing battery power only.

## STEP 3

### INSTALLING THE BATTERY

The battery is installed inside the HDX-150 SMART VAULT. Remove screw and battery cover (**Ref Fig 2**). Attach battery to hookups and place battery inside the compartment. Replace door and screw in place.

Change the battery when the RED light flashes slowly at the end of an operation indicating that battery power is low, or if you notice the opening process slowing.

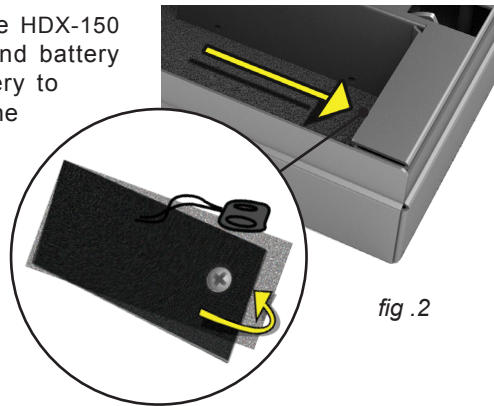


fig .2

## STEP 4

### ADMINISTRATION BUTTON

#### FUNCTIONALITY

The Administration Button has two functions:

1. Memory Reset.
2. Fingerprint Enrollment Initiation.

#### LOCATION

The Administration Button is located to the left of the lock (**Ref Fig 3**). It is covered by a black plastic screw.

Remove the screw located to the left of the keyhole. Insert the “straight tool” (or paperclip) to reach the Administration Button. Replace plastic screw after performing one of the two functions listed above.

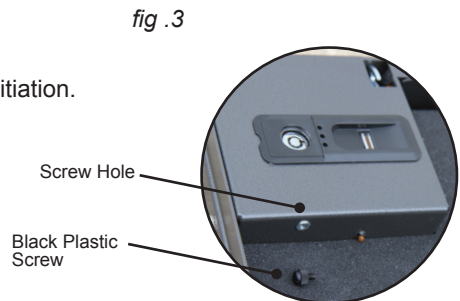


fig .3

*continue to page 6*

## CLEARING STORED FINGERPRINTS

Locate the Administration Button. Press and hold the Administration Button firmly until the RED, YELLOW and GREEN lights rapidly flash together. This indicates that the memory has been completely cleared and all fingerprints are erased. If the HDX SMART VAULT door is now shut without an enrolled fingerprint, the only access is with the backup keys.

## ENROLLMENT PROCESS

The enrollment process is extremely important. This is the process of registering personal fingerprint(s) that will open the vault. Please take your time and become familiar with this process.

To begin the enrollment process, again locate the Administration Button behind the screw to the left of the keyhole (**Ref Fig 3**). This is the same button used to erase or clear the memory of enrolled or registered fingerprints.

Insert "straight tool". Push and HOLD until the GREEN light AND YELLOW light appear. After both the GREEN and YELLOW light appear release the button and begin to swipe your finger. The YELLOW light indicates that the sensor is ready for you to swipe your finger. Swiping should be done with the finger as flat as possible, centered on the sensor (**Ref Fig 4**).

Start with the first joint of the finger and using an even, moderate speed pull the finger across the sensor. SMART VAULTS will ask you to swipe the same finger at least five times in order to successfully enroll. If a RED light comes on solid during the process it indicates the previous scan was not successful. Do not restart the process, just continue to swipe when the YELLOW light indicates that the sensor is ready.



fig .4

TIP: Finger must be FLAT on sensor and pressed FIRMLY during swipe.

When the enrollment process is complete, the solid GREEN light will blink. This indicates the fingerprint was accepted. For best results enroll the same fingerprint more than once.

Use this same procedure to enroll all fingerprints (up to 15). After 15 fingerprints have been saved, the next fingerprint enrolled will replace the oldest saved fingerprint. You may add fingerprints or erase all saved fingerprints and start over at any time.

**Note:** Once you have enrolled the desired amount of fingerprints you can place the Lock Cover over the key lock (**Ref Fig 1**).



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# HDX-150 SMART VAULT

## STEP 5 | OPEN THE SMART VAULT *using the fingerprint sensor*

### WHEN USING A/C ADAPTER

Place finger above the fingerprint sensor. Drag or slide the finger that you have previously enrolled across the fingerprint sensor (**Ref Fig 4 & 5**). It is important to drag or slide your enrolled finger exactly as you did in the enrollment process

The fingerprint sensor scans the finger and compares it to any and all stored fingerprints. The door will open quickly when a match is found. Interior light will stay on for 30 seconds.

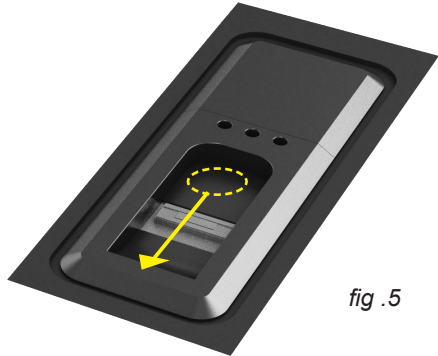


fig .5

### WHEN USING BATTERY POWER ONLY

When using the battery power only, a brief sensor “wake-up” period will occur. When your finger is placed on the sensor a YELLOW light will appear indicating that the sensor is ready for you to slide your finger (**Ref Fig 4** and **Fig 5**). The door will open quickly when a match is found. Interior light will stay on for 10 seconds.



## LIGHT INDICATIONS

**Red/Yellow/Green Simultaneous Flash:** Memory cleared successfully.

**Red Solid:** The HDX-150 SMART VAULT needs you to reswipe your finger.

**Red Continuous Slow Flashing:** The HDX-150 SMART VAULT's battery is low and requires changing.

**Red Rapid Flashing:** Your finger print scan was unsuccessful or the function that you were trying to perform has timed out.

**Yellow:** The HDX-150 SMART VAULT is asking for a fingerprint swipe.

**Green:** The HDX-150 SMART VAULT has A/C power.

**Yellow Flashing (Tamper Alert):** The yellow light will flash for 10 seconds reporting that there has been an attempted entry by an unauthorized person or persons. This Tamper Alert only occurs after a successful scan by an authorized person.



## TROUBLESHOOTING

### **MOST PROBLEMS OCCUR WHILE OPENING:**

- when a finger is not positioned over the sensor in a similar way as it was when it was originally enrolled. (reprogram the finger print)
- when a finger was dragged or slid over the sensor too quickly when powered only by battery. The sensor must go through a “wake-up” process when the HDX-150 SMART VAULT is powered only by battery. (touch the sensor and pause one second before swiping your finger)
- when there is too much pressure applied at the front of the finger while dragging or sliding a finger across the sensor. Uniform pressure is suggested.
- when a finger was dragged or slid over the sensor at too much of an angle. This may cause the sensor to register an inaccurate reading.

**Note:** It is important that you practice the sequence several times to make sure that you have the process correct. Once you have the positioning learned, the HDX-150 SMART VAULT will open quickly and consistently.

### **THE SMART VAULT BECOMES INOPERABLE**

If the HDX-150 SMART VAULT becomes inoperable, you will need to use your keys to open the VAULT's door.

Remove the lock cover to access the Key Lock. Slide or pull back the lock cover, insert the key into the lock and turn to release the door catch. The door will open immediately.



## CLEANING YOUR SMART VAULT

### **CLEANING**

**To clean the surface of the HDX-150 SMART VAULT** - use a mild soap and water and soft cloth only. Avoid getting the sensor area wet.

**To clean the sensor area** - use a slightly damp and dust free cloth to wipe the sensor area.

**CAUTION:** Products that contain ammonia or chlorine if sprayed on the fingerprint sensor could cause difficulties reading and enrolling fingerprints and could damage the HDX-150 SMART VAULT's finish.



# HDX-150 SMART VAULT



## ACCESSORIES

### 1 A/C ADAPTER

When powered by our A/C adapter the HDX-150 SMART VAULT is constantly at the ready. The constant power means the device can bypass the 1 second wake up process and open nearly instantly.

**NOTE:** Refer to page 7 for instructions on A/C Adapter usage.



### 2 TIE-DOWN CABLE

For maintaining security in multiple locations you can purchase an extra Tie-Down Cable.

**NOTE:** Insert cable into slot and wrap end with loop around fixed object to secure HDX-150 SMART VAULT.



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## RETURN POLICY

Liberty Safe, INC. IS COMMITTED TO PROVIDING PRODUCTS OF HIGH QUALITY AND VALUE AND MAKES EVERY EFFORT TO ENSURE ITS PRODUCTS ARE FREE FROM DEFECTS.

Liberty Safe, Inc. guarantees your HDX-150 SMART VAULT will be free of defects in materials or workmanship for a period of five years from the date of original purchase from an authorized dealer. This warranty does not cover abuse, misuse, use in any manner for which it is not designed, neglect, modification, damage inadvertently caused by the user, accidents, and/or tampering.

If you encounter a problem with your HDX-150 SMART VAULT, contact one of our Customer Service Representatives at 800.247.5625 for assistance. If your HDX-150 SMART VAULT is determined to be defective, we will, at our option, have it repaired at our expense, or will send you a new one at no cost to you. You will be required to return your existing unit as well as all included parts (as listed on page 4 of this manual) to Liberty Safe prior to replacement of the damaged unit along with proof of purchase.

If it is determined your HDX-150 SMART VAULT needs to be returned, a Customer Service Representative will provide a Return Authorization Number. Please have the following information available when you contact us:

- Purchaser's name & address
- Serial number
- Copy of receipt
- Date purchased & date received
- Authorized Dealer
- Detailed description of problem

NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR THE INABILITY TO USE THE SMART VAULT.

THE USER SHALL DETERMINE THE SUITABILITY OF THE SMART VAULT BEFORE THE INTENDED USE AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

**ADDITIONAL &  
UPDATED INFORMATION  
CAN BE FOUND AT:  
[libertysafeHD.com](http://libertysafeHD.com)**

