



Display Door Installation and Operating Instructions

Congratulations on your purchase of the BlumSafe Display Door! We are confident that it will provide you with many years of satisfaction and utility.

Please read these instructions carefully before mounting in your BlumSafe. We also urge you to **view the installation video** at our website at <https://blumsafe.com/video/>.

INSTALLING THE BLUMSAFE DISPLAY DOOR IS EASY AND SHOULD TAKE 10-15 MINUTES. HOWEVER, IF YOU ARE NOT TOTALLY CONFIDENT IN YOUR ABILITIES, SEEK THE ASSISTANCE OF A PROFESSIONAL CARPENTER OR HANDYMAN.

THE BLUMSAFE DISPLAY DOOR IS HEAVY. WE ARE NOT RESPONSIBLE FOR ANY INJURY TO YOURSELF OTHERS, ANY DAMAGE TO YOUR WALLS, YOUR TOOLS, YOUR SAFE OR ITS CONTENTS.

IF YOU CHOOSE TO STORE FIREARMS IN YOUR SAFE, ALWAYS EMPLOY SAFE HABITS, INCLUDING STORING THEM UNLOADED, PROTECTING YOUR SAFE FROM ACCESS BY CHILDREN AND STORING YOUR AMMUNITION IN A SEPARATE LOCKBOX.

THE BLUMSAFE DISPLAY DOOR IS ROBUST AND CAN WITHSTAND ABUSE, BUT WILL NOT AFFORD THE SAME DEGREE OF PROTECTION OF A SOLID STEEL DOOR, SO USE ACCORDINGLY. ALWAYS OBTAIN INSURANCE FOR VALUABLES KEPT IN A HOME SAFE -- IT IS NOT INFALLIBLE TO BREAK-IN.

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Required Tools:

- 1. Straight and Philips Screwdrivers**
- 2. WD-40 or other lubricant if hinge pins difficult to remove**

Installation.

1. Removal of existing, all-steel BlumSafe door.

- a. Remove your watches from safe – you don't want to risk damaging them from a falling hinge pin or accidentally hitting them with the old or new door.
- b. Locate screw in the black hinge pin sleeve welded at the top and bottom corner of existing door where it attaches to the safe body.
- c. Unscrew and remove screw in top hinge pin sleeve until the thick steel top hinge pin falls out easily. **Make sure to hold the bottom of the door in place when you are doing this, to keep the door stable.** You may need to wiggle the door so the pin becomes loose or use a flat edged screw driver to pry the head of the pin away from the black hinge pin sleeve welded to the door. If hinge pin still isn't coming loose, spray a bit of lubricant into the sleeve and open and close the door – the pin should come out.
- d. Once the top hinge pin is out, continue to balance the door from the bottom with one hand, remove the screw from the bottom hinge pin sleeve, and lift the door and bottom hinge pin away from the safe. BE CAREFUL NOT TO DRAG THE BOTTOM EDGE OF THE DOOR ALONG THE SAFE OPENING, OR YOU CAN SCRATCH THE PAINT.
- e. Put the screws back into the hinge pin sleeves, just in case you wish to reuse your old all-steel BlumSafe door at a later date, and pack the door in the box that accompanied your display door, cushioning the keypad.
- f. Put the two thick hinge pins to one side – you will be reusing them in the next step.

2. Install New Display Door.

- a. **NOTE: You will be tempted to do so, but DO NOT REMOVE the plastic film on the Display Door windows before installing the Display Door, or you may scratch it!**
 - b. Carefully (so as not to scratch your safe's finish) position the new Display Door in the safe with the bottom door hinge pin sleeve positioned over the hinge pin sleeve in the BlumSafe body, and the top hinge pin sleeve on the door lined up with the top sleeve on the safe body. Insert one thick hinge pin through the bottom sleeves on the door and safe body all the way until its head is flush with the top of the door's bottom hinge pin sleeve. Make sure to hold the door vertical as you are installing, and to hold it vertical after the bottom hinge pin is in, or you may damage the hinge pin holder.
 - c. Insert the top hinge pin all the way into the sleeve at the top of the door and into the sleeve at the top of the safe body, so the hinge pin head is flush with the bottom of the door's hinge pin sleeve, and screw in the retaining screw on the sleeve, which will lock into the groove on the hinge pin in the sleeve.
 - d. Tighten the screw on the bottom hinge pin sleeve to lock it in place.
3. **Batteries.** Insert fresh, high quality alkaline AA batteries into each of the two battery compartments on the back of the door (the lock requires high quality batteries to operate; the light is less critical). If you have problems opening the battery doors, gently push in on

the tab and pry open with your fingernail. One battery compartment is for the lock, one is for the lights on the door.

4. **Biometric Fingerprint/Digital Lock Programming and Usage.**
Program the biometric fingerprint/digital lock as you did with the original door. Below are the instructions.

NOTES: The BlumSafe can be opened with your fingerprint, a PIN code or a key. While the Biometric Fingerprint method might be the easiest and fastest, our fingerprints tend to fade as we get older, typically in our sixties and beyond, which may interfere with your ability to successfully use the fingerprint sensor on the safe. For this reason, it is important to register multiple fingerprints (some will fade faster than others) and multiple angles on the same fingerprint, and also to register and know your PIN code for opening the safe, as well as always know where your backup keys are for the safe. The key might also be necessary in case your batteries or the electrical lock fails on the safe. THE KEY SHOULD NEVER BE STORED IN YOUR SAFE!

- A. **Lock System Initialization/Reset.** For 10 seconds, press the green or red "Add / Initialize" button on the back of the safe door, on the left side of the lock mechanism, "INIT" will flash on the LCD screen, followed by "OK", and you will hear a long "beep" sound after 10 seconds. This indicates the system has been initialized and reset to Factory Default successfully, all information (including fingerprints) has been deleted, and the keypad password reverts to "1234".
- B. **Registering Users' Fingerprints on 500 DPI Fingerprint Scanner**
1. Press the "Add / Initialize" button on the back of the safe door for one second.
 2. Next, there will be a double "beep, beep" sound, the fingerprint scanner window next to the keypad on the front of the safe will light up in red, and the LCD screen will be blank or show " ".
 3. IMMEDIATELY place user's finger on the fingerprint scanner window **with only light pressure**, until after the red light goes off, then remove your finger.
 4. A long beep following this process, together with the LCD display showing "OK" and then "1d-01" indicates successful fingerprint registration; three short beeps indicates failure, and the screen will display "Err".
 5. Repeat steps 1-3 to register additional fingerprints. We urge you to attempt to register the same finger three or four times on the fingerprint sensor, at slightly different angles and at different positions on the glass, to maximize chances of quickly opening the safe. Other Fingerprint tips: for women and children, the thumb and middle fingerprints often register best, and in very dry weather, moistened your finger before registering.
 6. **NOTES:** The Fingerprint sensor can store 32 fingerprints. If you press the "Add / Initialize" button and then immediately hear three short beeps and the screen displays "Err", it means that the fingerprint database is full. **It is important to register at least one fingerprint.** After system initialization, if no fingerprint is inputted, you can use ANY fingerprints to open the door when the screen appears "null".

C. Unlocking the Safe with your Fingerprint

Press the “#” /"finger" key on the lower right corner of the keypad, the fingerprint sensor window will light red, put a finger on the fingerprint sensor window, not pressing too hard, until the red light is off , move your finger. A long beep sound indicates a successful match , and the door will unlock – pull groove underneath keypad box to open;
If the screen displays "Err" and there are three short beeps, that match failed , after several errors, the system automatically shuts down for five minutes.

D. Locking the Safe

Close the safe door and press the "*" key in the lower left hand corner of the keypad **or** the “#” /"finger" key in the lower right hand corner of the keypad, and the door will lock automatically.

E. Setting A New PIN Code on the Keypad

1. Enter the original PIN code (if no PIN code was set, the PIN code is the factory password, 1234) , long press the "*" key for about two seconds until the screen displays " ---- " and two short " beeps , then release the button.
2. Shortly after the two short beeps , enter a new PIN code onto the keypad (4-8 digits) , press the "*" key, and you should hear two short beeps.
3. Enter the new code once again, and the "*" key. A long beep indicates successful modification and you should see “OK” on the LCD display; three short beeps indicate failure, and the LCD screen will show an " Err " display .
NOTE : The factory password is " 1234"

F. Opening Door with PIN Code

Enter the new PIN code, followed by pressing "*" key to confirm. You will hear a long "beep" and the door will unlock; open safe.

G. How to Unlock Safe with Key

In case of keypad failure, you may open your BlumSafe with the backup key included with the safe. Use Philips screwdriver to remove bolts from chrome BLUMSAFE nameplate on front of safe and insert key in keyhole behind nameplate (NOTE: the key has four different ridges on it, so you may have to take key out and reposition it in the keyhole several different ways until it will open safe). You can only unlock the safe with this key, not lock it. **VERY IMPORTANT: NEVER LEAVE YOUR BACKUP KEY IN SAFE, OR IT WILL BE LOCKED IN WHEN YOU NEED IT MOST!**

H. How To Turn Lock Sounds On and Off

1. To turn the sound on, Press 1 and "*" button. You will hear a long beep, indicating the sound is on. This is the default setting for the safe.
2. To turn the sound off, Press 0 and "*" button.

I. Other Important Lock Notes:

1. Do not spill liquids on keypad or biometric sensor, and use dry cloth to keep sensor glass clean. Smudges on glass may interfere with operation.
2. Replace batteries immediately with high quality alkaline batteries when low battery warning sensor appears on LCD screen.
3. When the safe door is not closed after 1 minute, the system will start beeping every five seconds, as an "open safe warning". This can be defeated by locking the safe or disabling audible beeps, as explained above.
4. Do not try to open or take apart lock mechanism, which can damage the electronics and void your warranty.

5. Door Light: The Display door has lights on the inside to illuminate your watches for display purposes. To activate light after batteries are installed in the door (see #3 above), press the round button on front of door, near lock. To turn light off, press that button again. **NOTE:** To save battery life, this switch has an automatic circuit that turn the light off after 15 minutes, just in case you forgot to turn the light off yourself.

6. Removal of Protective Film from Polycarbonate Display Windows: The Display Door's polycarbonate windows are covered with a protective film, to protect the windows from scratching (they are very strong against hammering, but they DO scratch easily). To remove this film, open the door and follow the following steps:

--For each window, find the removable vertical piece of the window bracket located on the right of the door – it has a chrome-colored screw in each corner holding it to the door. Unscrew these two screws and remove the bracket.

--You will then be able to slide out the window from this bracket.

--Putting the window on a soft surface like a towel, using your fingernail or a plastic car trim removal tool lift up one corner of the film from each side the window and then gently pull the film away from the window, on both sides. To avoid fingerprints on the window you may wish to wear clean, soft cotton gloves. **DO NOT USE A SCREWDRIVER OR METAL TO REMOVE FILM -- IT MIGHT SCRATCH THE PLASTIC WINDOW.**

--Due to varying tolerances in construction, to make your window's fit tighter in the bracket you may wish to place several of the small pieces of two-sided tape included with the safe, spaced out in the removable piece of window bracket and in the top and/or bottom parts of the window bracket. If you are uncertain what we mean, see the video at <https://blumsafe.com/video/>

--Carefully slide window back in the bracket and screw the end bracket back into the door.

7. Care of Polycarbonate Display Windows: The polycarbonate transparent windows on the door can withstand significant force, but they can scratch easily. Be careful not to use sharp or abrasive objects near the windows, and if you need to wash them, simply use a moist, non-abrasive cloth or wipe.

ENJOY YOUR BLUMSAFE DISPLAY DOOR!