BLUMSAFE
YOUR WATCHES. SAFE, WOUND, ACCESSIBLE.

Installation and Operating Instructions
BlumSafe Professional Junior

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

Please read these instructions carefully before mounting your BlumSafe. We also urge you to visit our website, www.blumsafe.com, and **view the installation video** under the "Support" tab (watching is easier than reading, but please read these directions too!).

IF YOU ARE NOT TOTALLY CONFIDENT IN YOUR ABILITIES, SEEK THE ASSISTANCE OF A PROFESSIONAL CARPENTER TO INSTALL YOUR BLUMSAFE. ALSO, YOUR BLUMSAFE IS HEAVY – ONE PERSON SHOULD NOT ATTEMPT TO INSTALL THE BLUMSAFE ALONE. DOING OTHERWISE COULD RESULT IN INJURY!

THESE ARE GENERAL INSTRUCTIONS AND ARE ABOUT INSTALLING A WALL SAFE, NOT ABOUT HOW TO USE TOOLS SAFELY OR CORRECTLY. 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.

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Required Tools:

1. **Electronic stud detector**
2. **Level**
3. **Drywall saw or other tool to cut wall opening**
4. **Power drill and ¼" drill bit**
5. **Measuring tape**
6. **Ratchet wrench**

In addition, depending upon your installation, you may require wood shims and a flexible opening cable wallplate or wall grommet.

Installation.

1. **<u>Determine the best location for your BlumSafe.</u>**

   Basically, if you have interior wall space for a 16" by 30" painting, you have a place for the BlumSafe. Please focus on the following considerations:

   A. Concealment and Privacy. **Concealment is the first line of defense of any safe against thieves, and is worth more than a ton of steel.** Most burglars have only a limited amount of time, leaving your home in less than 12 minutes, and focus their search for valuables in the master bedroom. Accordingly, you should consider factors of concealability, such as whether the BlumSafe location can be:

      a. visible from a window,
      b. visible from a public area of your home or in a traffic pattern (like the pathway to a guest bathroom),
      c. concealed by a painting or other wall hanging, or
      d. concealed in a non-obvious place like a children's room, closet or laundry room.

   B. Interior Wall. Mount in interior wall

   C. Avoid Wires and Pipes. Only mount safe in an empty stud cavity -- **containing no wires or pipes**. Using a good quality electronic stud detector may help you determine if a stud cavity is "safe" of such hazards (and, of course, also help you locate your studs). If in doubt, cut a small hole in the stud pocket and check with a flashlight or hanger for wires and pipes. Try to locate stud pocket <u>adjacent</u> to one with an electric outlet, in order to facilitate winder power.

   D. Determine the mounting style. The BlumSafe is designed to be installed in an interior wall, in one of three configurations:

      a. **Flush, in a 2 " x 8" Wall.** Flush, in a wall that is constructed using 2" X 8"(or deeper) vertical structural members (also known as "studs"), where the studs are placed 16 inches on-center ("O.C.") (see **Figure 1**).

      Most interior walls, however, are typically made out of 2"X4" wood studs placed " O.C. If this is your situation you may wish to build a 2"X8" sidewall for your BlumSafe in a closet or the corner of a room (**Figures 2 and 3**). Otherwise, you have two other choices for mounting the BlumSafe in a 2"X4" wall:

      b. **Flush, in a 2" X 4" Wall.** Mount the BlumSafe flush in a 2"X4" wall section where there is unused space in the wall behind the BlumSafe, so the back of the BlumSafe projects through an opening in that back wall, for instance, into closet space (**Figure 4**) or dead space under a stairway (**Figure 5**). If the back of the BlumSafe is accessible (i.e., as in Figure 4, inside a closet), you may wish to cut four pieces of wood commonly used for 4" studs (which is actually dimensionally 3.5" deep) to use as trim pieces to frame around the back sides of the safe and cover the back of the safe with

a piece of plywood (holes have been predrilled in the sides of the BlumSafe to permit secure mounting in this installation).

c. **Non-Flush Mounted in a 2"X 4" wall.** Mount the BlumSafe in a 2"X 4" wall section with the front of the safe projecting from the surface of the wall by about 3.5", and cut four pieces of wood commonly used for 4" studs (which is actually dimensionally 3.5" deep) to use as trim pieces to frame underneath and around the front of the safe (see **Figure 6**). Holes have been predrilled in the sides of the BlumSafe to permit secure mounting in this installation.

NOTE: Stud spacing of 16" O.C. is the usual building practice in the U.S. If the studs are wider apart (e.g., 20" O.C.), no problem – when you open the hole in the wall, you would just place shims or scrap wood against one of the studs to build it up so that the BlumSafe properly fits the space. In the unlikely event that your walls were built less than 16" O.C., it will usually be by a fraction of an inch. We understand that no walls are built perfectly, and our safe width at 14" is undersized by ½" just in case your studs are too close together (e.g., 15 ½" O.C.). In the unlikely event that the studs are closer than that, you or a carpenter must "notch out" a section of the stud to fit the safe.

2. Cut Hole in Wall For Safe.

a. Use electronic stud detector or knock on wall to locate and use pencil to mark inside edges of left and right stud.
b. Determine approximate desired height of safe, typically with bottom of safe at approximately 36-40 inches from the floor. Mark top and bottom height on left stud markings on wall, using level to draw line across to right stud markings.
c. Using left vertical stud edge marking as your left edge, complete rectangle drawing of stud opening on wall of 14 1/4" wide by 27" high.
d. If unsure about presence of wires or pipes in wall cavity, cut small pilot hole in lower left corner of safe rectangle, and either look inside the hole for wires and pipe with a flashlight, or insert a hanger into cavity to detect any wires or pipes.
e. If space is clear, use a drywall saw or other appropriate tool to cut out the safe opening rectangle in the wall, and remove.

3. Mounting of Safe.

a. Safe is heavy, so WITH AN ASSISTANT, place the safe, unlocked and open, in opening in wall, with left side of safe held tightly against left stud. **NOTE:** Safe should be flush with wall if you are flush mounting (Section 1.D(a) or (b) above), or have trim work in place under the front safe flange if the safe will not be flush mounted to the wall (Section 1.D(c) above). Alternate rows of mounting holes are drilled in the side safe walls so that for a non-flush mounted application, a 2 x 4 stud can be placed between the safe's front flange and wall (i.e., 3 1/2" deep).
b. Mark the mounting holes on the left stud through the side wall of the safe.
c. If there is no gap between right side wall of safe and right stud, mark the mounting holes on the right stud through the side wall of the safe.

d. Pull safe out of wall.
e. if required, mount shims or spacers on right stud, and put safe back into hole to mark right wall mounting holes, then remove safe from hole.
f. Using a 1/4" drill bit, drill pilot holes into studs on mounting bolt marks, no deeper than 1 1/4". DO NOT PENETRATE TO OTHER SIDE OF STUD-if electrical wires are on other side of stud, drilling through could result in **electrocution**!
g. In same stud pocket as safe opening, approximately 12-18" above the floor, cut opening (Approx. size of a single gang outlet box) for a flexible opening cable wall plate, or other hole for wires.
h. Thread the power wire for winders, antenna wire for Electus smart sensor (optional) and spare string for future connections (optional) through this lower hole and cable wall plate, pulling the ends of these wires out through the BlumSafe opening you made in the wall.
i. Hold safe near hole in wall and pull ends of wires through grommet hole in bottom of safe, and temporarily tape or tie the wires and lines in place inside safe (See **Figure 7**).
j. Insert safe back into opening, lining up holes in sides of safe with holes drilled in studs. Place one washer on each carriage screw provided with safe, and use ratchet wrench or other tool to screw safe to studs. DO NOT OVERTIGHTEN. Use at least two carriage screws per side of safe (four holes are provided per side, for different wall configurations).

4. **Mounting of Winders.**

a. Vertically position winder drawer base into safe, then rotate horizontally with drawer base feet facing towards floor. (See **Figure 8**).
b. Plug power adapter plug into bottom of winder drawer base.
c. Position drawer against back wall of safe, centered so that drawer, when open, clears both sides of door opening. **NOTE: IF DRAWER BASE IS NOT PROPERLY POSITIONED FLUSH AGAINST BACK WALL OF SAFE, THICKER WATCHES IN THE WINDERS MAY HAVE INADEQUATE CLEARANCE TO ROTATE FREELY, WHICH MAY RESULT IN DAMAGE, ESPECIALLY IN THE THIRD ROW OF WINDERS IMMEDIATELY BEHIND THE LOCK MECHANISM PROJECTION ON THE BACK FOTHE SAFE DOOR.**
d. The BlumSafe uses a steel winder retention bar with plastic coated clamp arms to help secure the top row of winders in your safe. This bar screws onto mounting holes in the back wall of your safe. Identify the rear wall mounting holes for your top row of winders, and using the small pan head screws that came with the winder retention bar, attach the retention bar to these mounting holes, BUT DO NOT OVERTIGHTEN, with the Velcro surface of the bar facing into the safe (for example, if you initially have a six winder setup, this means you will have two rows of winders, and you should attach the winder bar to the second row of mounting holes). If you add more winders to your safe in the future, you can simple detach and move upward this retention bar to hold the new top row of winders. (See **Figure 9**). NOTE: Depending upon the exact location of your drawer base, you may have to loosen and readjust the retention bar a bit to the right or the left for the winders to fit properly in the end clamps (there are slightly oval holes in the retention bar to permit this adjustment).
e. Three pieces of self-adhesive Velco come with your safe. Before stacking the top row of winders, remove the backing paper and attach the self-adhesive Velcro strips across the back of each of these top winders, so that the level of the Velcro on the back of the winder corresponds with the Velcro on the face of the winder retention bar.
f. Place Winders, one row at a time, in the drawer base, making sure to fit the four small electrical connection pad projections at the bottom of each winder into the electrical connection receptacles in the base of the winder drawer (bottom row) or into the tops of the winders on which they stack. If you have more than one row of winders, use the end of a small paper clip and insert into the small hole in the mounting caps of the electrical pads at the top of the bottom winders to gently pry out those plastic caps. This will allow you to stack higher rows of winders (see instructions that came with your winders for more information). **NOTE: Your winders come**

with a clear plastic dome. DO NOT USE THESE DOME IN THE SAFE, as it is unnecessary and may result in inadequate clearance. You can use these domes if you use the winder outside the safe.

g. For the top row of winders, place the winders at the ends in first, and then insert the middle winder. You may need to push the end winders out a bit against the winder retention bar end clamps to provide room to fit the middle winder. **If the winders do not seem to fit properly between the end clamps of the retention bar, you may have to loosen and readjust the retention bar a bit to the right or the left for the winders to fit properly in the end clamps (there are slightly oval holes in the retention bar to permit this adjustment). You can also move the drawer base a bit thot e left or right to remedy this situation.** Make sure the Velcro at back of top winders attaches to Velcro on retention bar.

h. Refer to directions that came with your winders for setting speed and rotation for your individual watches. You can obtain recommended individual watch winder settings guidance from the watch manufacturer.

5. **Shelves.** Insert shelf bracket clips in bracket holders in side of safe for shelves at desired height. Then place shelves, velvet side facing "up". NOTE: If you have a 12 winders setup, there will be no room for shelves.

6. Biometric Fingerprint/Digital Lock Programming and Usage.

NOTE: The BlumSafe can be opened with your fingerprint or a PIN Code. 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 also to register and know your PIN code for opening the safe.

A. **Lock System Initial Operation**. The factory default user code is 123456. This will unlock the deadbolt and allow the locking handle to rotate. The lock is an automatically locking design, meaning it will lock the mechanism in place when the handle is rotated to the fully locked position.

During initial operation of the lock and any subsequent changes to the user code or fingerprints, verify all operational changes with the door open and verify your change works correctly 3 times before shutting the safe door.

B. **Changing the User Code**. To change the user code complete the following steps:

1. Enter 000000
2. Enter existing code (123456), 1 beep
3. Enter new 6 digit code, 1 beep
4. Enter new 6 digit code, 1 beeps

*See included lock manual for comprehensive lock operation, including additional users, and master reset code. A random master reset code was assigned to your safe and kept on file. If you do not wish for us to retain your master code, complete the records retention form attached at the end of the installation guide.

C. Registering Users' Fingerprints on Fingerprint Scanner

1. Open with manager code
2. Hold "+" and hold until 1 beeps
3. Place fingerprint 4x, 1 beep each
4. 1 beeps confirms fingerprint addition **(Manager can add up to 5 fingerprints)**

D. Unlocking the Safe with your Fingerprint

Press your fingerprint onto the fingerprint sensor. The light surrounding the sensor will light up green and beep to signal unlocked position. If the light illuminates red, that match failed.

E. Locking the Safe

Close the safe door and rotate the handle counterclockwise until the lock beeps to indicate locked position**.** Locked condition can be verified if handle does not rotate clockwise with light to medium pressure (the handle is protected with a slip clutch that will rotate if heavy pressure is applied).

F. Other Important Lock Notes:

1. Please review lock manual for advanced lock features.
2. The lock is operated with a 9v battery behind a cover on the bottom of the dial. It can be accessed from the outside and should be changed approximately once per year. Our experience is that standard Duracell batteries work best. Whenever you change the battery, you will need to push the "+" button on the keypad to synchronize the keypad to the lock. It will display a green light and beep once to signify a successful synchronization.
3. If the lock is experiencing any unexpected symptoms, changing to a fresh battery should be the first fix.
4. Please review the Records Retention Policy attached to determine if you'd like to opt out.