

HMF FS-20A

HMF FS-20A Electronic Biometric Safe User Manual

Model: 49121

1. INTRODUCTION

Thank you for choosing the HMF FS-20A Electronic Biometric Safe. This safe is designed to provide secure storage for your valuables using advanced fingerprint recognition technology and a robust electronic locking system. Please read this manual carefully before operating the safe to ensure proper use, optimal performance, and safety.

Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

- **Emergency Keys:** Always keep the emergency override keys in a secure location, separate from the safe itself. Never store them inside the safe.
- **Battery Safety:** Use only the specified type and size of batteries. Do not mix old and new batteries, or different types of batteries. Remove batteries if the safe will not be used for an extended period.
- **Placement:** Ensure the safe is installed on a stable surface or securely mounted to a wall as instructed.
- **Children:** Keep the safe and its keys out of reach of children.
- **Moisture:** Avoid placing the safe in areas with high humidity or direct exposure to water.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- HMF FS-20A Electronic Biometric Safe
- Emergency Override Keys (2x)
- External Battery Box
- AA Batteries (4x)
- Mounting Bolts (2x)



Figure 3.1: Included accessories for the HMF FS-20A safe, featuring an external battery box, four AA batteries, and two mounting bolts for installation.

4. SETUP

4.1 Initial Opening

Upon receiving your safe, it will be in a locked state. To open it for the first time:

1. Locate the emergency keyhole, usually concealed behind a cover on the front panel.
2. Insert one of the provided emergency keys into the keyhole and turn it clockwise.
3. While holding the key turned, rotate the handle to open the safe door.



Figure 4.1: The HMF FS-20A safe with its door open, revealing the internal compartment and the electronic biometric locking system on the door panel.

4.2 Battery Installation

The safe requires 4 AA batteries for its electronic system. The battery compartment is typically located on the inside of the safe door.

1. Open the safe door using the emergency key (if not already open).
2. Locate the battery compartment cover on the inside of the door.
3. Remove the cover and insert 4 AA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover.
5. You should hear a beep, indicating the safe is powered on.

4.3 Mounting the Safe

The HMF FS-20A safe can be securely mounted to a wall or floor. This provides additional security against theft. Mounting hardware is included.

1. Choose a suitable location for mounting. Ensure the surface is strong enough to support the safe's weight and contents.
2. Open the safe door. Locate the pre-drilled mounting holes on the back or bottom of the safe.
3. Position the safe and mark the drilling points on the wall or floor through the mounting holes.
4. Drill pilot holes at the marked locations using an appropriate drill bit for your wall/floor material.
5. Align the safe with the drilled holes and secure it using the provided mounting bolts. Tighten firmly.



Figure 4.2: Rear panel of the HMF FS-20A safe, illustrating the two pre-drilled holes designed for secure mounting to a wall or floor surface.

5. OPERATING INSTRUCTIONS

5.1 Registering Fingerprints

The safe allows you to register multiple fingerprints for convenient access. Refer to your specific model's internal instructions for the exact programming button location (often a small button inside the safe door near the battery compartment).

1. With the safe door open, press the internal programming button (usually a red or green button). The indicator light on the fingerprint scanner will illuminate.
2. Place the pad of the finger you wish to register firmly on the fingerprint scanner.
3. Lift your finger and repeat the scan approximately 3-5 times, slightly adjusting the angle each time, until the safe confirms successful registration (e.g., a long beep or green light).
4. To register additional fingerprints, repeat steps 1-3 for each finger.
5. Test all registered fingerprints before closing the safe door.



Figure 5.1: A user's finger positioned on the biometric sensor of the HMF FS-20A safe, demonstrating the interaction point

5.2 Opening with Fingerprint

To open the safe using a registered fingerprint:

1. Place a registered finger firmly and completely on the fingerprint scanner.
2. If the fingerprint is recognized, the indicator light will turn green, and you will hear a beep. The lock mechanism will disengage.
3. Within a few seconds, rotate the handle clockwise to open the safe door.
4. If the fingerprint is not recognized, the indicator light may turn red, and you will hear an error beep. Try again, ensuring your finger is clean and properly positioned.

5.3 Opening with Emergency Key

In case of battery failure, forgotten fingerprints, or electronic malfunction, the safe can be opened using the emergency override key:

1. Locate the emergency keyhole cover on the front panel and remove it.
2. Insert the emergency key into the keyhole and turn it clockwise.
3. While holding the key turned, rotate the handle to open the safe door.
4. Once open, you can replace the batteries if needed.

6. MAINTENANCE

6.1 Battery Replacement

When the batteries are low, the safe will typically indicate this with a warning light or a series of beeps during operation. Replace all 4 AA batteries promptly to ensure continuous functionality.

1. Open the safe door.
2. Remove the battery compartment cover.
3. Remove the old batteries and dispose of them responsibly.
4. Insert new 4 AA batteries, observing correct polarity.
5. Replace the battery compartment cover.

Using the External Battery Box: If the internal batteries are completely depleted and you cannot open the safe with your fingerprint, connect the external battery box to the emergency power port on the safe's front panel. This will provide temporary power to open the safe, allowing you to replace the internal batteries.

6.2 Cleaning

To maintain the appearance and functionality of your safe:

- Wipe the exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Gently clean the fingerprint scanner surface with a soft, lint-free cloth to ensure optimal recognition.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Safe does not open with fingerprint.	Fingerprint not registered, finger dirty/wet, incorrect placement, low batteries.	Ensure finger is clean and dry. Reposition finger firmly on scanner. Re-register fingerprint if necessary. Replace batteries. Use emergency key.
No power/Safe is unresponsive.	Dead or incorrectly installed batteries.	Replace all 4 AA batteries, ensuring correct polarity. Use the external battery box for temporary power.
Door does not close properly.	Obstruction in the door frame, locking bolts misaligned.	Check for any objects blocking the door. Ensure the safe is on a level surface or securely mounted.
Emergency key does not work.	Key not fully inserted, wrong key, lock mechanism jammed.	Ensure the key is fully inserted and turned correctly. Do not force the key. Contact customer support if issues persist.

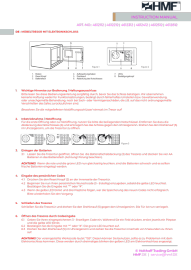
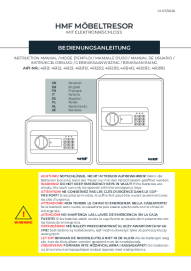
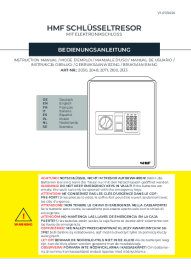
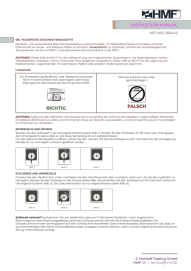
8. SPECIFICATIONS

Feature	Detail
Model	FS-20A (Manufacturer ID: 49121)
Dimensions (H x W x D)	Approx. 19.99 cm x 30.99 cm x 19.99 cm
Weight	Approx. 7.02 kg
Material	Alloy Steel
Lock Type	Electronic Biometric (Fingerprint) with Emergency Key Override
Power Source	4x AA Batteries (included)
Mounting Type	Wall Mountable (mounting hardware included)
Special Features	Portable design, External Battery Box for emergency power

9. WARRANTY AND SUPPORT

HMF products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official HMF website. Keep your proof of purchase for any warranty claims.

If you encounter issues not covered in this manual, please contact HMF customer service for assistance.

	<p>HMF Electronic Lock Safe: Instruction Manual and Operation Guide</p> <p>Detailed instructions for operating, setting up, and installing HMF electronic lock safes (models 4612112-4612812). Covers battery replacement, code management, emergency access, automatic locking, wall mounting, and troubleshooting.</p>
	<p>HMF Electronic Lock Safe: Instruction Manual and User Guide</p> <p>Comprehensive instructions for operating and installing HMF electronic lock safes (models 4612112-4612812), including setup, code management, troubleshooting, and wall mounting.</p>
	<p>HMF Furniture Safe with Electronic Lock: Instruction Manual</p> <p>Comprehensive instruction manual for the HMF Furniture Safe with Electronic Lock, covering setup, operation, code entry, emergency opening, battery replacement, anchoring, troubleshooting, safety guidelines, and disposal. Includes model numbers 46121 through 4612812.</p>
	<p>HMF Electronic Key Safe Instruction Manual</p> <p>Comprehensive instruction manual for the HMF electronic key safe, covering initial setup, operation, battery management, wall mounting, troubleshooting, safety guidelines, and disposal. This manual is available in multiple languages, with English serving as the primary language for this HTML version.</p>
	<p>HMF Furniture Safe with Electronic Lock - Instruction Manual</p> <p>Comprehensive instruction manual for the HMF furniture safe with electronic lock (models 4612112, 4612212, 4612312, 4612412, 4612512, 4612812). Learn how to commission, set codes, operate, anchor, and troubleshoot your safe.</p>
	<p>HMF 250442 Fireproof Document Safe: Instruction Manual</p> <p>Comprehensive instructions for the HMF 250442 fireproof and waterproof document safe, covering safe operation, storage, security, and warranty information.</p>