

Features

- › “Free Passage” mode enables unit to be unlocked when desired
- › By default, the handle automatically locks door when shut
- › Audible rapid beep low battery warning
- › State of the art optical 560 DPI scanner insures quick & reliable fingerprint authentication
- › Bump-proof “Laser Cut Dimple Keys” (2 included)
- › Easy installation - typically installs with only a phillips head screwdriver!
- › Runs on any brand name 4 AA batteries
- › Fits doors 1-3/8" - 2.30" thick
- › Add / delete individual users directly on the lock
- › Fingerprint, pin or key access methods
- › Operating temp: -4 ° to 140 ° F
- › Sliding weather cover triggers sensor to power on automatically
- › Fingerprints will not be lost if batteries fail
- › High grade durable sensor

Technical Specifications

| Item | Description |
|----------------------------|-----------------------|
| Sensor | Optical |
| Resolution | 560DPI |
| Scanning time | <1s |
| FRR(False Rejection Rate) | <0.01% |
| FAR(False Acceptance Rate) | <0.0001% |
| Battery | 4 AA Alkaline battery |
| Working current | 150-300mA |
| Standby current | 30uA |
| Display | Blue LCD |
| Identification mode | Fingerprint, Pin, Key |
| Working temperature | -4 ° to 140 ° F |
| Working humidity | 10%-97% |

Fingerprint Recognition Notes

! Proper fingerprint placement is important when using any biometric device. Please be sure to use the tips below when using your fingerprint to authenticate with the lock.

Tip 1: Choosing The "Best" Finger

Use either your Index, Middle or Ring finger, when enrolling and verifying your fingerprint. Avoid using the Thumb and Pinky finger, as it is typically difficult to align them properly and consistently.



Tip 2: Locating The Fingerprint "Core"

The "core" of a fingerprint is defined as the point located within the inner most recurving ridge. It is extremely important that this area is identified, and placed on the fingerprint scanner during the enrollment and verification of your fingerprint.



Fingerprint Core

Tip 3: Prepare The Finger For Enrollment

When enrolling and verifying with your fingerprint it is important that your finger be clean. It is also recommended that the finger be relatively undamaged and without scars.



Hint:Washing your hands with moisturizing soap and using hand lotion will also improve accuracy!

Tip 4: Finger Placement

When placing your finger on the scanner, make sure that the location of the "core", located in Tip 2, is making direct contact with the scanner. Apply medium pressure, or just enough to flatten the skin on your finger.



Enrolling Fingerprint & Password Users

When Entering Users into the Lock you have 3 Options:

- You can enroll fingerprints at random.
You can enroll as an ID# (+) fingerprint user.
You can assign users a pass code.
ALL pass codes MUST be 8 digits long!

Examples of Different Enrollment Options

Enroll at Random

If you are using the lock on a home & the primary users will be your immediate family & you do not have any reason to think you will need to delete them from the lock in the future, we suggest you use this type of enrollment. You can store several scanned templates of several fingers. (ex. 3 scans of 2 fingers on each hand for each user)

ID# with Fingerprint User

If you are using the lock on a small business door or at home & you need the ability to delete a user without deleting all users, this type of enrollment is best. You will assign a 3 digit ID# to each scanned template per user. For example, you have 2 temporary workers named Mary & Adam. You make Mary user 101 & scan her index finger. The lock will scan the fingerprint twice per template. If you want to enroll another finger for Mary you create another ID# for that new finger. You do the same procedure for Adam. You make him user 102. If you want to delete the user you simply delete the user ID# & their fingerprints are out of the system.

Pass Code Users (Not the Master Pass Code!)

You can create a series of pass codes to gain entry. If a person has damaged fingerprints you can assign them a pass code. You can also set up pass codes for your shift managers. A common use is to create a pass code you can give out in case of emergencies. For example; you are out of town & need to let a neighbor into your house. You tell them the pass code. When you get home you simply delete that pass code.

*You can use any combination of all three enrollment options!

1.1 Changing Master Code

PRESS:

**0 + * + DEFAULT MASTER CODE + NEW 8 DIGIT
MASTER CODE + NEW 8 DIGIT MASTER CODE + #**

NOTE: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

HINT: When the Master Code has been changed, close the scanner, open it up & try the code to confirm your new code is working.

1.2 Enroll Fingerprint Users at Random (No User ID's)

PRESS:

1 + # + MASTER CODE + #

NOTE: At this point the scanner will light up.

FIRST SCAN: Place the 1st finger on the scanner and remove when scanner light turns off.

SECOND SCAN: Replace the same finger when scanner lights up for the second time. You will hear a single beep if the enrollment is successful.

REPEAT: You can keep adding fingerprints one after another at this stage.

HINT: If a scan fails you will hear 3 beeps & the scanner goes off. Just repeat the steps above.

Section 1.3: Enroll Fingerprint Users with
User ID's is located on the next page!

1.3 Enroll Fingerprint Users with User ID's

PRESS:

1 + # + MASTER CODE + 3 DIGIT USER ID + #

NOTE: At this point the scanner will light up.

FIRST SCAN: Place the 1st finger on the scanner and remove when scanner light turns off.

SECOND SCAN: Replace the same finger when scanner lights up for the second time. You will hear a single beep if the enrollment is successful.

IMPORTANT: After hearing a BEEP after registering the fingerprint, please close the lid cover and wait for at least 15 seconds before entering next command.

REPEAT: To add another finger for this user or any other users please repeat the process stated above. (A fingerprint ID# can NOT be the same as a pass code ID#)

1.4 Enroll Pass Code User

PRESS:

**1 + * + MASTER CODE + 3 DIGIT ID + NEW 8 DIGIT
PASS CODE + NEW 8 DIGIT PASS CODE + #**

NOTE: A pass code ID# can NOT be the same as a fingerprint ID#.

HINT: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

HINT: When the new pass code is enrolled, close the scanner, open it up & try the code to confirm your new code is working.

2.1 Unlocking Door with Fingerprint

FIRST: To open with an enrolled fingerprint simply slide the cover up & place the finger gently on the scanner.

NOTE: You will hear a beep & a click sound. Your door is now open.

2.2 Unlocking Door with a Pass Code

PRESS:

8 DIGIT PASS CODE

NOTE: Do not enter the 3 digit user ID

NOTE: You will hear a beep & a click sound. Your door is now open.

2.3 Unlocking Door from the Inside

FIRST: To open the lock from inside your home or business simply turn the handle.

NOTE: The lock always provides "free egress". It is impossible to prevent someone from exiting from inside.

2.4 Locking the Door

FIRST: After you exit through the door or the door shuts behind you the lock automatically locks the latch in 3 seconds.

2.5 Enabling/Disabling Passage Mode

HINT: When enabled, Passage Mode allows the lock to be unlocked simply by lifting the slide cover. This feature is useful when user authentication is not required.

PRESS:

* + * + MASTER CODE + #

NOTE: Entering the code above will toggle Passage Mode between enabled status and disabled status.

3.1 Deleting a Fingerprint Users with a User ID's

PRESS:

2 + # + MASTER CODE + USERS 3 DIGIT ID + USERS
3 DIGIT ID AGAIN + #

NOTE: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

3.2 Deleting Individual Fingerprint without User Number

1. Slide open front cover and press "2" then "#"
2. Enter master code
3. Press"#" to confirm
4. Put finger tip at the center of the scanner when blue light is on. Lay flat and hold firmly until you hear a "BEEP" sound

To delete a non-assigned user number's fingerprint with default master code

3.3 Deleting ALL Fingerprint Users

HINT: This procedure will delete all fingerprint users - both those with user ID's and those without user ID's!

PRESS:

3 + # + MASTER CODE + #

NOTE: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

3.4 Deleting Pass Code Users with User ID's

PRESS:

2 + * + MASTER CODE + USERS 3 DIGIT ID + USERS
3 DIGIT ID AGAIN + #

NOTE: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

3.5 Delete ALL Pass Code Users

PRESS:

3 + * + MASTER CODE + #

NOTE: When successful the lock will make a solid single beep. If unsuccessful it makes 3 quick beeps.

4.1 Frequently Asked Questions

1) Where does the key go?

You remove the decorative cover from the keyway using the magnetic stick.

2) Can I get more keys made for my lock?

This lock comes with 2 high security "Laser Cut Dimple" keys, which are "Bump proof". Due to this security feature it is very difficult to have extra keys made. Normal hardware stores will not be able to do it. However you can contact a technical support staff member for details on how to special order more keys.

3) How do I change the batteries?

On the back lock body (the side of the lock without the scanner) find the battery cover. Take the screw out & replace the batteries.

4) What kind of batteries should I use?

Any 4 AA batteries will work. We suggest for 1st time users get brand name new batteries like Energizer or Duracell.

5) How often should I change the batteries?

If in a conventional home setting you will be able to get several thousand uses out of a set of batteries. Though not required we do recommend you change batteries at the same time you change them in your smoke detectors or when you change your clocks. It's best to keep the batteries as fresh as possible.

6) If I take the batteries out, will I lose the information in the lock?

No! The lock stores the information even with no batteries!

7) How do I know if the batteries are getting low?

When you slide the scanner cover up it will make a series of very quick beeps. That is the low power warning. It sounds much different than the chime you get normally.

8) Is there a way to purchase a lock that has a scanner on both sides of the door?

No! This question is asked a lot by parents of special needs children who have special security requirements. There are legal limitations to selling anything that locks on both sides of a door.

5.1 Troubleshooting the Lock

1) Be Sure You Are Using Fresh Brand Name Batteries!!

The Lock's internal circuitry and scanner requires a good source of power which is provided by the 4 AA batteries. Even when the audible low battery alarm is not enabled, occasionally the lock may not perform well due to insufficient power. Since the internal power meter cannot always accurately determine the power level of the batteries, it is advised that the batteries are replaced with fresh, name brand batteries anytime a decrease in lock performance is noticed!

2) If the scanner is not reading certain fingerprints well:

- Try re-enrolling the user's fingerprint. Certain characteristics of a fingerprint may change over time requiring re-enrollment.
- When you are enrolling your fingerprint templates please remember to do the following:
 - * Make sure you are putting the "Core" of your fingerprint on the scanner. (Refer to page 2 for more information)
 - * When enrolling multiple templates, try to slightly changing the way you rest your finger on the scanner with each scan. This will help the scanner detect slight variations in the way to place your finger on the scanner.
 - * Simply **Place** your finger on the scanner, do not **Press Down** too hard! Pressing too strongly will cause the ridge patterns to flatten out, making it more difficult for the scanner to match the fingerprint!
 - * If it's cold outside, blow on your hands and rub them together. This will warm up your fingers causing the ridge patterns of your fingerprints to stand out more.

3) If the scanner lights up solid blue, but never accepts or rejects any fingerprint, and simply turns off after 10-20 seconds:

Please perform a Factory Default of the lock. (see page 10)

7.1 Two (2) Year Limited Warranty

The Bio-Matic Fingerprint Door Lock is distributed by iTouchless Housewares & Products, Inc. (iTouchless) with the highest quality components and most advanced technology available. The Fingerprint Door Lock is warranted to be free from defects in material and workmanship, given normal use and care, for 730 days from the date of the original purchase with proof of purchase within the United States and Canada. iTouchless will only honor warranty request from purchases made from our websites and authorized dealers. Bio-Matic sold as used, floor sample, closeout or refurbished are sold solely under the terms and conditions of the selling party. iTouchless will not warrant such purchase. We will repair or replace thereof which fails as the result of such a defect during the warranty period.

This warranty is the customers' exclusive remedy for product defect and does not apply to:

- User modification
- Attachments to product by user that causes damage
- Any product, on which the seals and/or serial numbers have been broken, removed, tampered with, defaced or altered in any manner
- Damage caused by abuse, misuse, accident, water, fire or theft

Except as stated above, iTouchless makes no express or implied warranties as to any product, in particular, makes no warranty of merchantability or of fitness for any particular purpose. iTouchless shall not be liable for consequential or incidental damages arising from any product defect. Our Liability is limited to the replacement of any defective product. iTouchless expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. Accessories Screws and Parts are not covered by this warranty.

If Bio-Matic should fail during the warranty period, contact us through www.iTouchless.com to request a Repair# before returning to us. We WILL NOT ACCEPT package without the Repair#. Remember to return package FREIGHT PREPAID by an insured carrier such as UPS and include a check of US\$19.95 for return postage. Extra US\$10.00 should be added to return postage when requesting repaired item to be shipped to Canada (Total US\$29.95). We will not pay for any return postage fee.

Return Address:

iTouchless Housewares & Products Inc.
23497 Eichler Street, Unit A, Hayward, CA 94545 USA
Attn: Product Return Repair# _____

Subject to the above conditions, we will repair or ship you a working Fingerprint Door Lock within 30 working days after receipt. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state and province to province. For more information, please visit our web site at www.iTouchless.com.

Thank you for purchasing the Bio-Matic Fingerprint Door Lock!!