dormakaba IC800 BLE

Dormakaba IC800 BLE Digital Door Lock User Manual

Model: IC800 BLE

INTRODUCTION

The Dormakaba IC800 BLE Digital Door Lock combines advanced technology with robust security. Featuring a high-strength anti-sawing lock body and a lifting handle anti-lock function, it ensures enhanced protection against tampering. This versatile lock supports multiple access methods, including card/RFID fob, PIN code, fingerprint, and mechanical key, providing flexible and convenient entry options. Its integrated BLE technology enables remote control and monitoring via a mobile app. Equipped with an alarm system, it alerts users to unauthorized attempts or security breaches. The sleek, durable design is ideal for modern homes and offices, ensuring both style and peace of mind.

Figure 1: Front view of the Dormakaba IC800 BLE Digital Door Lock, showcasing the keypad and handle.

SETUP AND INSTALLATION

This section provides general guidance for setting up your Dormakaba IC800 BLE Digital Door Lock. For detailed installation, please refer to the comprehensive installation guide included in your product packaging.

Package Contents

Before beginning installation, ensure all components are present:

- Dormakaba IC800 BLE Digital Door Lock unit
- RFID Card
- Manual Key (2 included)
- Mounting hardware and screws
- Installation template
- User Manual (this document)

Battery Installation

1. Locate the battery compartment on the interior unit of the lock.
2. Open the battery cover.
3. Insert four (4) 1.5V AA Alkaline batteries, ensuring correct polarity.
4. Close the battery cover securely. The lock will emit a voice prompt upon successful power-up.

Initial Programming

After installation and battery insertion, follow the on-screen prompts or voice guidance to set up the initial master PIN code and register your first fingerprint or RFID card. Refer to the detailed programming section in your installation guide for specific steps.

OPERATING INSTRUCTIONS

The Dormakaba IC800 BLE offers multiple convenient ways to access your property.

Access Modes

- **Fingerprint Recognition:** Place your registered finger on the fingerprint sensor. The lock will unlock upon successful verification.
- **PIN Code Entry:** Touch the keypad to activate it. Enter your registered 4-12 digit PIN code followed by the '#' key. The lock will unlock if the code is correct.
- **RFID Card/Fob:** Present your registered RFID card or fob to the card reader area on the lock. The lock will unlock upon successful verification.
- **Mechanical Key:** In case of emergency or battery depletion, insert the mechanical override key into the keyhole and turn to unlock.
- **Mobile App (BLE):** Use the dedicated Dormakaba mobile application to remotely unlock the door via Bluetooth Low Energy (BLE) when within range. Ensure your device is paired with the lock.
- **Double Authentication:** For enhanced security, the lock supports a combination of access methods, such as Card/Fingerprint + PIN code. Refer to the app or advanced settings for configuration.

Locking the Door

- **Automatic Locking:** The lock is configured to automatically lock after a set period once the door is closed.
- **Manual Locking (Lifting Handle Anti-Lock):** Lift the exterior handle upwards to engage the deadbolt for additional security. This function provides an extra layer of manual security.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your digital door lock.

Battery Replacement

The lock will emit a low-battery alarm when the battery level is critical. Replace all four (4) AA Alkaline batteries promptly to avoid loss of functionality. Refer to the "Battery Installation" section for replacement steps.

Cleaning

Clean the lock's exterior surfaces, including the keypad and fingerprint sensor, with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.

Emergency Power

If the batteries completely deplete before replacement, you can provide emergency power via a USB Type-C cable

connected to an external power bank. Locate the USB Type-C port on the exterior unit, typically at the bottom.
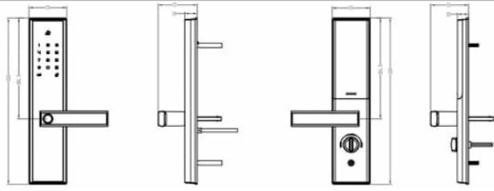
TROUBLESHOOTING

This section addresses common issues you might encounter with your Dormakaba IC800 BLE Digital Door Lock.

Problem	Possible Cause	Solution
Lock does not respond / No power	Depleted batteries	Replace batteries or use emergency USB Type-C power.
Fingerprint not recognized	Finger is wet/dirty; Fingerprint not registered; Sensor is dirty	Ensure finger is clean and dry. Re-register fingerprint if necessary. Clean the fingerprint sensor.
PIN code not working	Incorrect PIN entered; PIN not registered	Verify the PIN code. Re-register the PIN code if necessary.
RFID card not working	Card not registered; Card damaged	Ensure the RFID card is registered. Try another registered card.
Low-battery alarm sounds	Batteries are low	Replace all four (4) AA Alkaline batteries immediately.
Tamper/Break-in alarm sounds	Unauthorized attempt to open or damage the lock	Investigate the cause of the alarm. The alarm will typically reset after a period or upon successful authorized entry.

SPECIFICATIONS

Below are the key technical specifications for the Dormakaba IC800 BLE Digital Door Lock.

Specifications

Hardware	
Material	Zinc alloy, Stainless steel, ABS
Color	Black, Red Bronze
Keypad	High sensitive touch keyboard, 12 keys
FPC semi-conductor sensor	160*160pixel, 508DPI
Mortise	X30S, 60mm or 70mm back-set, CN standard, anti-sawing

Storage	
Fingerprint	100
Card key	100
PIN code	50
Mechanical key override	2
Card configuration	Encrypted Mifare cards

Enrolment and Verification	
Methods	Fingerprint, Card Key, PIN Code, Mechanical Key, App
Verification time (sec)	≤1s
Length of PIN code	6-12 digits

Operating Environment	
Temperature (^{0}C)	-25°C to +70°C
Humidity (%)	10% to 90%
Power input	4x1.5V AA Alkaline battery
Voice prompt	Voice guide in English and Chinese optional

Alarm System	
Unclosed alarm	Yes
Low battery alarm	Yes
Break-in and tamper alarm	Yes
Wrong PIN code lockout alarm	Yes

Internal lock	Yes
Door thick	
Backup unlock mechanism	External emergency battery or mechanical key
Dimension(mm)	150*333*77(W*H*D)

Packing Details	
Master Carton size(m	
Quantity per Master Car	
G.W.per Master Carton	22kg

App	
Plat	iPhone (iOS 8.0 and above) Android-based Smart phone (Android 8.0 and above)
Language	English, Japanese, Chinese, Traditional Chinese
App Verification meth	Password, fingerprint, face (If the smartphone is equipped with facial recognition and fingerprint sensor)
Device manage	Add/delete/modify device, information checking and notification
Func	Open/close lock, time sync, key sharing, audit trail

Other Feature and Functions	
Volume control	Yes
One-time PIN code	Yes
PIN code sharing	Yes
Passage mode	Yes
BLE communication	Yes

Any questions? We would be happy to answer any questions you may have.

Figure 2: Detailed specifications table for the Dormakaba IC800 BLE Digital Door Lock, including hardware, storage, and app features.

Feature	Detail
Brand	dormakaba
Model Name	IC 800 BLE
Lock Type	Mortise Lock
Material	Metal (Mortise Full SS-304 anti-sawing lock body)
Color	Red Bronze
Dimensions (L x W x H)	7.7 x 15 x 33.3 Centimeters
Item Weight	4.9 Kilograms
Access Modes	App-enabled (BLE), Card/RFID Fob, PIN code, Fingerprint, Mechanical Key, Double Authentication

Feature	Detail
Fingerprint Capacity	Up to 100
RFID Card Capacity	Up to 100
PIN Code Capacity	Up to 50 (4–12 digits)
Mobile Device Capacity	Up to 10 via BLE
Power Source	4 x 1.5V AA Alkaline batteries
Emergency Power	USB Type-C
Special Features	Alarm (tamper, break-in, low-battery), Fingerprint, Fob Unlock, Touchscreen, Voice Guidance, Lifting Handle Anti-Lock
Recommended Uses	Homes, Offices, Storage Units

Figure 3: Side view of the Dormakaba IC800 BLE Digital Door Lock, illustrating the robust mortise lock mechanism.

WARRANTY INFORMATION

The Dormakaba IC800 BLE Digital Door Lock comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Dormakaba customer support.

- **Manufacturer:** Dormakaba India Private Limited
- **Importer/Packer:** Buildpro Technologies India Pvt.Ltd
- **General Inquiries:** enquiry.india@dormakaba.com
- **Website:** www.dormakaba.com/in-en

When contacting support, please have your product model (IC800 BLE) and purchase details readily available.