

Nyboer NY-H3B-PLUS

Nyboer Keyless Fingerprint Smart Door Lock and Handle

MODEL: A-SMART LOCK (NY-H3B-PLUS)

User Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Nyboer Keyless Fingerprint Smart Door Lock and Handle. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. Product Overview and Features

The Nyboer A-Smart Lock offers advanced security and convenience for your home or business. Its innovative design includes an extended panel for seamless replacement of existing locksets.

- **7-in-1 Access Methods:** Fingerprint, Smartphone App, Passcode, Key Fob, Mechanical Key, WiFi Remote Control (WiFi gateway required, sold separately), and compatibility with Amazon Alexa or Google Assistant for voice control.
- **Ideal Lockset Replacement:** Features an ultra 9 1/4 inch extended panel designed to cover existing deadbolt and handle set holes, providing a clean and aesthetic installation without the need for patching.
- **Complete App Control:** Lock and unlock remotely, share virtual keys and timed passcodes, grant or revoke user access, and view access logs to monitor entry and exit activities.
- **Business Features:** Companion app and website for managing multiple locks, ideal for rental properties, Airbnb hosts, and office use. Create timed access codes for guests and staff.
- **Power Features:** Long-lasting battery with low battery alerts and an emergency power port (USB-C) to prevent lockouts.
- **User Capacity:** Supports up to 200 fingerprints, 200 key fobs, and 150 PIN codes.
- **Durability:** Constructed from stainless steel, designed to withstand temperatures from -22°F to 158°F and rated IP66 for weather resistance.

Nyboer

Multiple Access



Fingerprint



Smartphone



Key Fobs



Passcode



Regular Key



Figure 2.1: Multiple access methods including fingerprint, app, key fobs, passcode, and mechanical key.

Nyboer

Best Solution For Locksets



Confirm the spacing
 $\leq 5\frac{1}{2}"$

Original



$9\frac{1}{4}"$

$3"$

Replaced

Figure 2.2: The 9 1/4 inch extended panel design provides a clean and complete replacement for standard locksets.

Nyboer®

Smart Integration



Figure 2.3: Smart integration with Amazon Alexa and Google Assistant (WiFi gateway required).

3. Package Contents

Verify that all components are present and in good condition before beginning installation:

- 1x Exterior Assembly
- 1x Interior Assembly
- 1x Screw Set
- 1x User Manual (this document)
- 5x RFID Cards
- 5x Mechanical Keys



Figure 3.1: All components included in the Nyboer Smart Lock package.

4. Installation Guide

The Nyboer Smart Lock is designed for straightforward installation on standard doors. It can replace most existing deadbolt and handle sets. Ensure your door thickness and backset measurements are compatible.

4.1. Preparation

- Remove your existing lockset.

- Confirm the spacing between the centers of the two holes on your door is compatible with the 9 1/4 inch extended panel.

4.2. Installing the Latch and Strike Plate

Install the new latch into the door edge and secure it with screws. Install the strike plate on the door frame, ensuring proper alignment with the latch.

4.3. Installing the Exterior and Interior Assemblies

- Feed the cable from the exterior assembly through the door hole.
- Attach the exterior assembly to the door, ensuring the spindle passes through the latch mechanism.
- Connect the cable to the interior assembly.
- Secure the interior assembly to the door using the provided screws.
- Ensure the handle direction is correct. The handle is reversible for left or right-handed doors.



Figure 4.1: Visual comparison of a door before and after installing the Nyboer Smart Lock, highlighting its extended panel design.



Figure 4.2: The handle can be reversed to accommodate both left and right-handed door configurations.

4.4. Video Installation Guide

Your browser does not support the video tag.

Video 4.1: A short demonstration of the installation process for the Nyboer Smart Lock. This video highlights the ease of installation.

Your browser does not support the video tag.

Video 4.2: A detailed overview of the installation, setup, and various features of the Nyboer Smart Lock, demonstrating its flexibility and ease of use.

5. Setup and Configuration

After physical installation, configure your smart lock using the dedicated smartphone application.

5.1. App Pairing

- Download the official Nyboer Smart Lock app from your device's app store.
- Create an account and follow the in-app instructions to pair your smart lock via Bluetooth.

5.2. Adding Fingerprints

In the app, navigate to the 'Fingerprints' section and follow the prompts to register new fingerprints. Place your finger on the sensor multiple times from different angles for accurate recognition.

5.3. Setting Passcodes

Access the 'Passcodes' section in the app to create permanent, timed, one-time, or recurring passcodes. You can also generate random digit passcodes for enhanced security.



Figure 5.1: The app interface for generating and managing passcodes, including temporary access options.

5.4. Registering Key Fobs and RFID Cards

Use the 'Cards' section in the app to register the included RFID cards and key fobs for quick access.

6. Operating Instructions

Your Nyboer Smart Lock offers multiple ways to secure and access your door.

6.1. Unlocking the Door

- **Fingerprint:** Place your registered finger on the fingerprint sensor.
- **Passcode:** Enter your programmed passcode on the keypad.
- **RFID Card/Key Fob:** Tap the registered card or fob on the designated area of the lock.
- **Smartphone App:** Use the app to remotely unlock the door.
- **Mechanical Key:** Insert and turn the physical key in the emergency keyhole.

6.2. Locking the Door

- **Automatic Locking:** The lock can be configured to automatically lock after a set period (Auto-Lock feature).
- **Manual Locking:** Press and hold the '#' key on the keypad, or use the smartphone app to lock the door.

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6.3. Special Modes

- **Auto-Lock:** Configurable via the app, this feature automatically locks the door after a user-defined time period.
- **Passage Mode:** Temporarily disables automatic locking, allowing the door to remain unlocked for continuous access. Activate/deactivate via the app.
- **Privacy Mode:** Engaged by a switch on the interior assembly, this mode disables all electronic access methods (fingerprint, keypad, cards) from the exterior, allowing entry only with a mechanical key or app override.



Figure 6.1: The app displays a detailed log of all access events, including method and time.

7. Maintenance

7.1. Battery Replacement

The lock operates on 4 AA batteries (not included). The app will provide low battery alerts. To replace, remove the interior cover, replace the batteries, and reattach the cover.

7.2. Emergency Power

In case of complete battery depletion, an external power bank can be connected to the USB-C emergency power port located at the bottom of the exterior assembly to temporarily power the lock for entry.



Figure 7.1: Overview of battery features, including emergency power port and user capacity.

7.3. Cleaning

Clean the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish or electronic components.

8. Troubleshooting

- **Lock not responding:** Check battery levels. If batteries are low, replace them or use the emergency power port.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.
- **Keypad not lighting up:** Check battery levels. If the keypad is unresponsive, try using a mechanical key or the app.
- **App connectivity issues:** Ensure Bluetooth is enabled on your smartphone and you are within range of the lock. Restart the app or your phone if necessary.
- **Lock not engaging/disengaging properly:** Check for any obstructions in the door frame or latch mechanism. Ensure the lock is installed correctly and all screws are tightened.

9. Specifications

Feature	Detail
Brand	Nyboer
Model Name	NY-H3B-PLUS
Lock Type	Biometric Smart Lock
Material	Stainless Steel
Dimensions (L x W x H)	9.13 x 3.13 x 1 inches
Item Weight	4.25 Pounds
Connectivity Protocol	Wi-Fi (with optional gateway)
Controller Type	Amazon Alexa, Google Assistant, iOS, Android
Power Source	4x AA Batteries (not included)
Emergency Power	USB-C Port
Operating Temperature	-22°F to 158°F
Weather Resistance	IP66

10. Warranty and Support

The Nyboer Keyless Fingerprint Smart Door Lock and Handle comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. For warranty claims or technical assistance, please contact Nyboer customer support. Lifetime customer support is provided for this product.

For further assistance, please refer to the contact information provided with your product packaging or visit the official Nyboer website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question