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> BIWIBON 4-in-1 Smart Door Knob User Manual

BIWIBON BEC-06

BIWIBON 4-in-1 Smart Door Knob User Manual

Model: BEC-06

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your BIWIBON 4-in-1 Smart Door Knob (Model: BEC-06). This smart door knob offers multiple unlocking methods including fingerprint, app control, keypad code, and traditional key access, enhancing convenience and security for your home, bedroom, garage, or office.

Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize the lifespan of your device.

2. PRODUCT OVERVIEW

2.1 Key Features

- **4-in-1 Access:** Fingerprint, App Control, Keypad Code, and Traditional Key.
- **Advanced Security:** Anti-peep code, auto-lock, low battery alert, silent mode, and privacy mode.
- **Easy Installation:** Designed for straightforward replacement of standard door knobs.
- **Remote & Voice Control:** (Requires BIWIBON Gateway, sold separately) for remote management and voice assistant integration (Alexa, Google Assistant).
- **Flexible Modes:** Passage mode, privacy mode, and silent mode for customized access control.

2.2 Package Contents

The package includes all necessary components for installation and operation:

- 1 x Front Knob
- 1 x Rear Knob
- 1 x Adjustable Latch
- 1 x Strike Plate and Reinforcer

- 2 x Keys
- 1 x Spindle
- 2 x Threaded Pillar
- 6 x Screws
- 1 x Type-C Cable (for emergency power only)
- 1 x User Manual (this document)
- 1 x Drill Template
- 1 x Spare Package (containing extra small screws)

Note: 4 AAA alkaline batteries are required and are not included in the package.

2.3 Product Specifications

Specification	Detail
Material	Metal (Polished Aluminum Alloy)
Color	Silver
Product Dimensions	3.43"L x 3"W
Item Weight	1.79 pounds
Model Number	BEC-06
Lock Type	App Control, Biometric (Fingerprint), Keypad, Key
Power Source	4 x AAA Alkaline Batteries (not included)
Emergency Power	Type-C Port
Battery Life	10-12 months (depending on usage)
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Waterproof Rating	IP60

3. INSTALLATION GUIDE

The BIWIBON Smart Door Knob is designed for easy installation, typically replacing existing door knobs. Follow these steps carefully.

3.1 Prepare Your Door

1. Ensure your door thickness is between 1-3/8" (35mm) and 2-1/8" (55mm).
2. Verify the backset (distance from door edge to center of bore hole) is either 2-3/8" (60mm) or 2-3/4" (70mm).
3. Confirm the bore hole diameter is 2-1/8" (54mm).
4. The door edge should be chiseled for the latch plate to sit flush. If not, chisel it according to the provided template.

Experience Real Privacy Mode

No one can enter your room without your permission



This image illustrates the required door dimensions (thickness, backset, bore hole diameter) and emphasizes the need for the door edge to be chiseled for proper latch plate installation. It shows both "Not Chiseled" (incorrect) and "Chiseled" (correct) examples.

3.2 Install the Latch

1. Insert the adjustable latch into the door edge, ensuring the bevel of the latch bolt faces the door frame.
2. Secure the latch with the provided screws.

3.3 Install the Exterior and Interior Knobs

1. Connect the spindle to the exterior knob.
2. Pass the spindle and the wire from the exterior knob through the latch mechanism and the bore hole.
3. Align the interior knob with the spindle and the threaded pillars. Ensure the wire from the exterior knob is connected to the interior knob's port. The connector has a black side that should face up for proper connection.
4. Secure the interior knob to the exterior knob using the threaded pillars and screws.



This image provides an exploded view of the smart door knob, showing its various components including the front knob, rear knob, latch, and the key/USB-C port. It illustrates how the parts fit together during installation.

3.4 Install Batteries

1. Remove the battery cover on the interior knob (usually secured by small screws).
2. Insert 4 AAA alkaline batteries, ensuring correct polarity.
3. Replace the battery cover and secure it with the screws. The product includes spare small screws in case of loss.



This image highlights that the smart door knob requires 4 AAA alkaline batteries (not included) and has a battery life of 10-12 months. It also shows the emergency key access point and advises keeping a spare key in an easily accessible location.

4. OPERATING INSTRUCTIONS

Your BIWIBON Smart Door Knob offers multiple ways to unlock. Before using, ensure the lock is properly installed and batteries are inserted.

4.1 Initial Setup and App Connection

1. Download the "Tuya Smart" app from your smartphone's app store (iOS or Android).
2. Create an account and log in.
3. Follow the in-app instructions to add your smart door knob. Ensure Bluetooth is enabled on your phone and you are close to the lock.

App Smart Control



This image displays the smart lock's app interface on a smartphone, highlighting features such as managing users, keyless entry, silent mode, and passage mode. It demonstrates the convenience of app-based control.

4.2 Unlocking Methods

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.
- **Keypad Code Unlock:** Enter your programmed 6-10 digit code on the keypad. The lock will unlock upon correct entry.
- **App Unlock:** Open the Tuya Smart app, select your lock, and tap the unlock icon.
- **Traditional Key Unlock:** Insert the physical key into the keyhole and turn to unlock. This is primarily for emergency backup.

4-in-1 Smart Fingerprint Door Knob

Versatile Access Options



This composite image visually represents the four versatile access options of the smart door knob: unlocking via the mobile app, fingerprint recognition, keypad password entry, and traditional backup key.

4.3 Operational Modes

- **Privacy Mode:** Activates a manual deadbolt-like function, preventing unlocking even with programmed credentials. Ideal for ensuring complete privacy. To activate, slide the privacy switch on the interior knob. *Warning: Do not activate privacy mode while the door is open or the room is unoccupied, as this will restrict access.*
- **Passage Mode:** Keeps the door unlocked for continuous access without needing credentials. Useful for high-traffic areas or during gatherings.
- **Silent Mode:** Disables all sound notifications from the lock, allowing for quiet entry and exit.
- **Auto-Lock:** Automatically locks the door after a set period (e.g., 5 seconds) of inactivity. This feature ensures the door is always secured.

BIWIBON Smart Door Knob Never Locked Out

- Requires 4 AAA alkaline batteries (not included).
- Battery life is 10 to 12 months, depending on usage.



Caution: Keep at least one spare key in easily accessible locations for emergencies



Caution: Emergency type-C port is for temporary power only, not for battery or lock charging

This image illustrates the "Real Privacy Mode" feature, showing how a switch on the interior knob can be engaged to prevent anyone from entering without permission. A warning is included about not activating this mode when the door is open or the room is unoccupied.

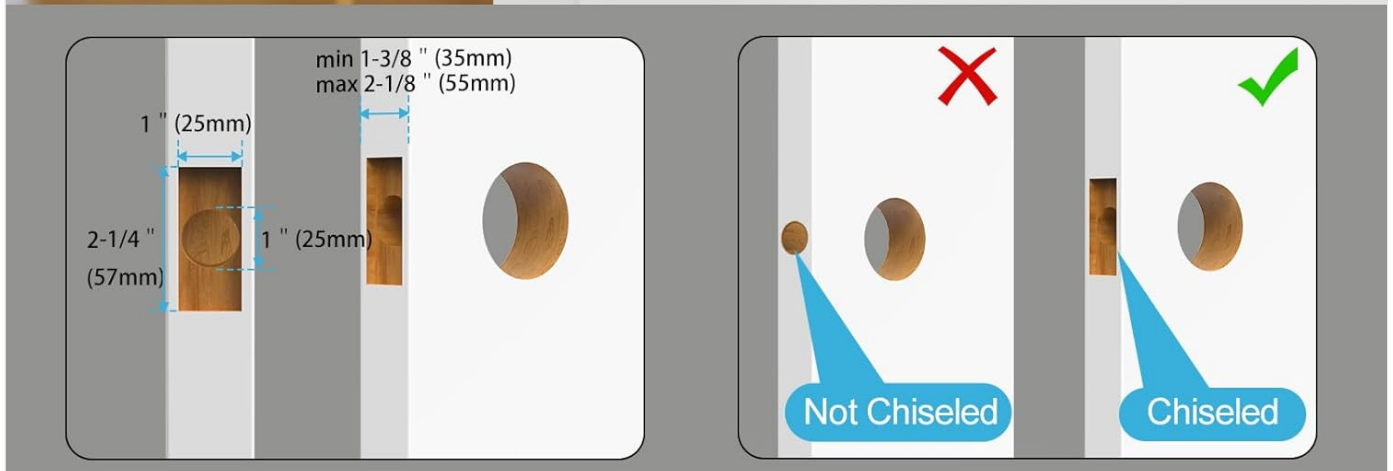
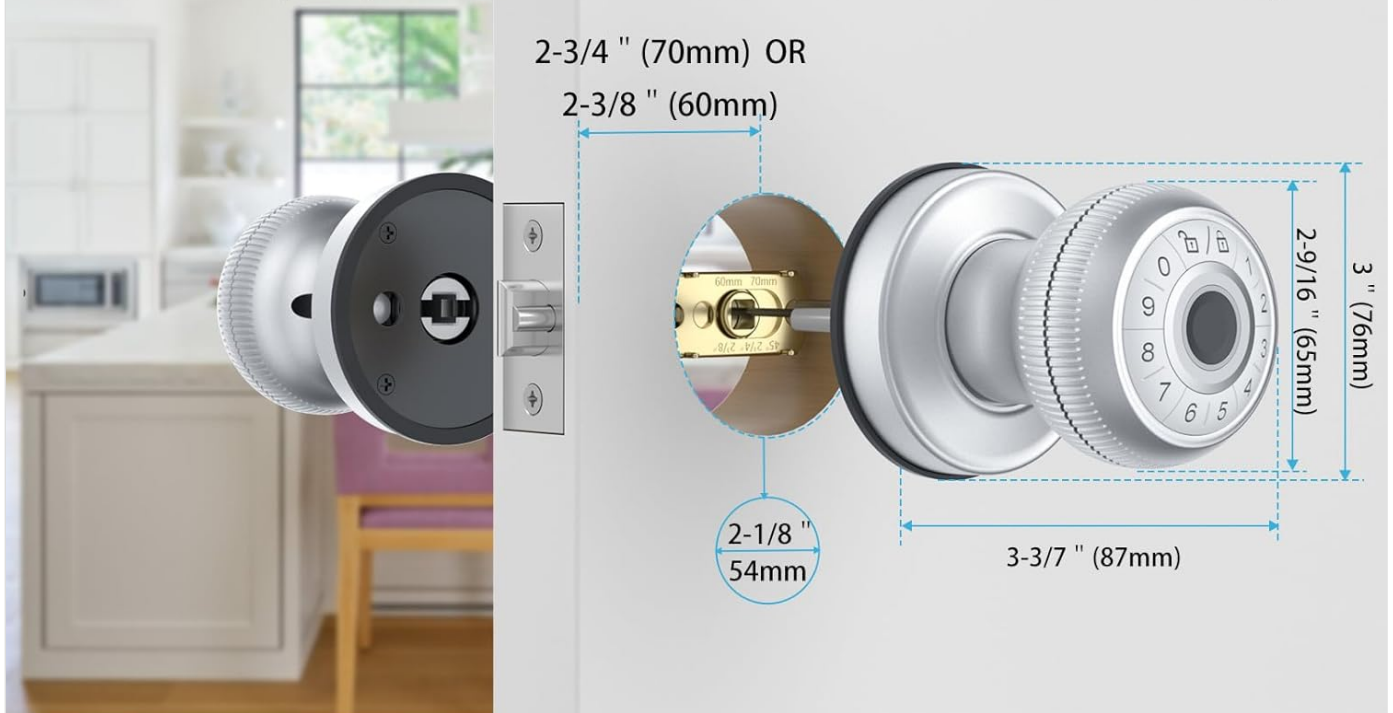
4.4 Remote and Voice Control (Optional)

To enable remote unlocking/locking and voice control via Amazon Alexa or Google Assistant, you must purchase the BIWIBON Gateway (sold separately).

- Connect the BIWIBON Gateway to your home Wi-Fi network.
- Pair the smart door knob with the gateway through the Tuya Smart app.
- Integrate the Tuya Smart app with your Alexa or Google Assistant account.
- You can then manage access, check lock status, and control settings from anywhere, or use voice commands like "Alexa, unlock the front door."

Easy-to-Install Smart Fingerprint Door Lock

Effortlessly Replace Traditional Door Knobs for Enhanced Privacy

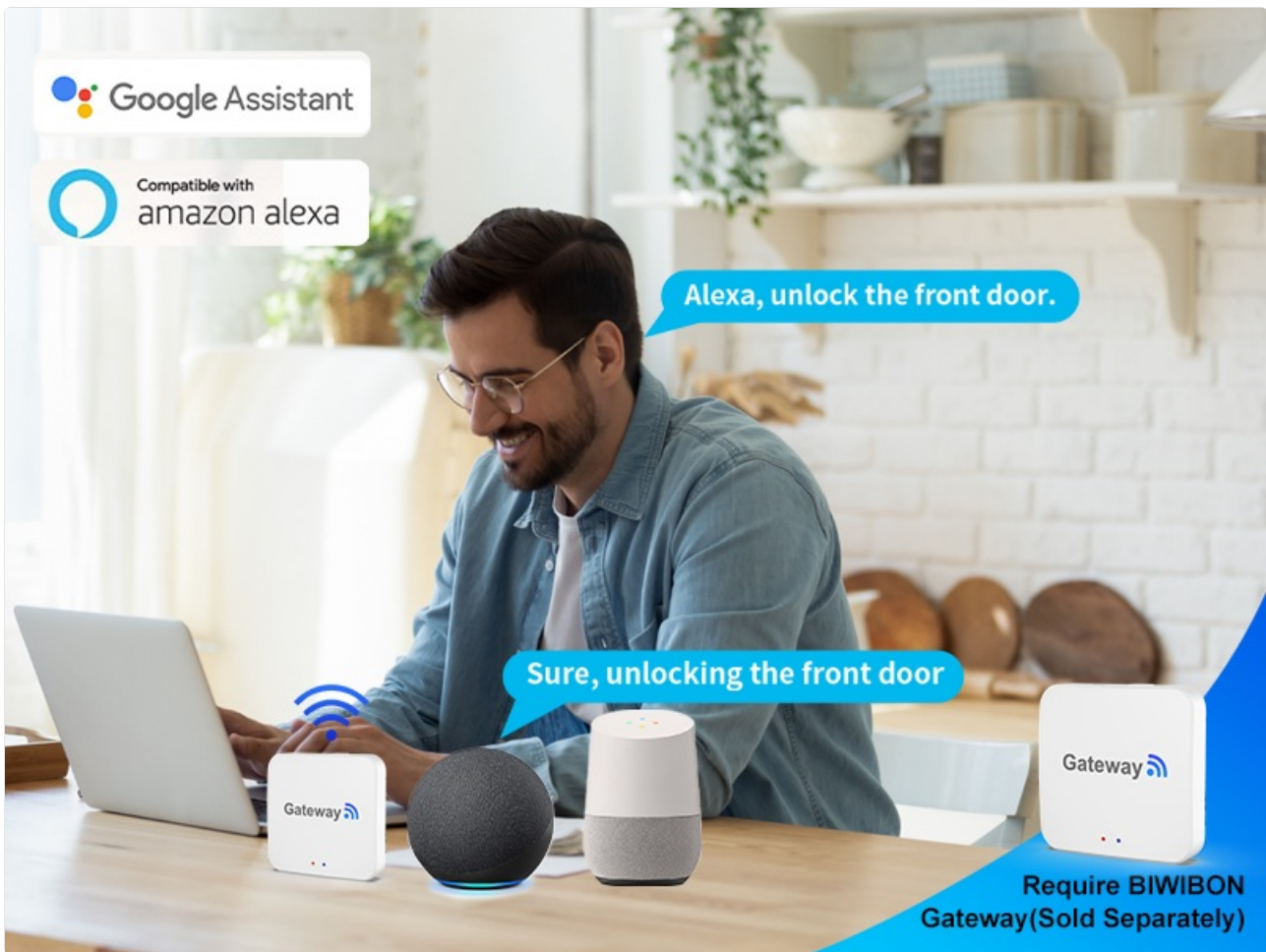


This image demonstrates the voice control capability of the smart door knob when paired with a BIWIBON Gateway (sold separately). It shows compatibility with Amazon Alexa and Google Assistant, allowing users to unlock the door using voice commands.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your smart door knob.

- **Battery Replacement:** The lock will provide a low battery alert. Replace all 4 AAA batteries promptly when indicated. Expected battery life is 10-12 months.
- **Emergency Power:** If batteries die completely, use the Type-C port on the exterior knob with a power bank for temporary emergency power to unlock the door. This port is for power only, not for charging the internal batteries.
- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Key Storage:** Keep at least one spare physical key in a secure, easily accessible location outside the locked area for emergencies.



This image highlights the Type-C emergency power port located on the exterior knob, which can be used with a power bank to provide temporary power if the internal batteries are depleted. It clarifies that this port is for emergency power only, not for charging the batteries.

6. TROUBLESHOOTING

If you encounter issues with your BIWIBON Smart Door Knob, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries; incorrect battery installation.	Replace batteries; ensure correct polarity. Use Type-C emergency power if needed.
Fingerprint not recognized.	Finger wet/dirty; sensor dirty; fingerprint not properly registered.	Clean finger and sensor; re-register fingerprint in the app. Try different angles.
Keypad code not working.	Incorrect code entered; code not properly set up.	Verify the code; reset or re-add the code via the app.
App cannot connect to the lock.	Bluetooth off; phone too far; app glitch.	Ensure Bluetooth is on; move closer to the lock; restart the app or phone.
Privacy mode accidentally activated.	Privacy switch engaged.	Disengage the privacy switch on the interior knob.
Lock is loose after installation.	Screws not tightened sufficiently.	Tighten all mounting screws. Do not overtighten.

7. WARRANTY AND SUPPORT

BIWIBON is committed to providing reliable smart home solutions. For warranty information and technical support, please refer to the following:

- **Warranty:** Please refer to the warranty card included with your product or visit the official BIWIBON website for detailed warranty terms and conditions.
- **Customer Support:** For any questions, technical assistance, or troubleshooting not covered in this manual, please contact BIWIBON customer support.
- **Online Resources:** Visit the [BIWIBON Store on Amazon](#) for additional product information, FAQs, and updates.

Founded in 2017, BIWIBON is dedicated to innovative smart home solutions that are both affordable and user-friendly. Our dynamic R&D team and stringent quality management ensure top-notch reliability. We strive to safeguard what matters most, delivering peace of mind with cutting-edge technology. Choose BIWIBON for a trusted partner in home security and experience superior protection and convenience.