

Warranty

Thank you for purchasing the Pushpull System Digital Door Lock. Compensation criteria for product repair, replacement and refund are guaranteed according to our A / S terms. The warranty period for this product is calculated from the date of purchase.

If you do not have the product warranty written exactly when you received the after-sales service, you may not receive smooth after-sales service.

Product

■ Model name

Serial number

Date of sale

■ Installation

Agency

Phone

Address

※ Free repair will be provided in the event of failure within the warranty period under normal use. (Specified warranty year after installation)



Homepage and Customer Support Address
www.BABALOCK.com
#103, I. Dong, Sejong-ro-2639, jochiwon-eup,
Sejong City (Hongik University)

MEMO



PUSH PULL
SYSTEM



baba

PREMIUM DIGITAL DOOR LOCK

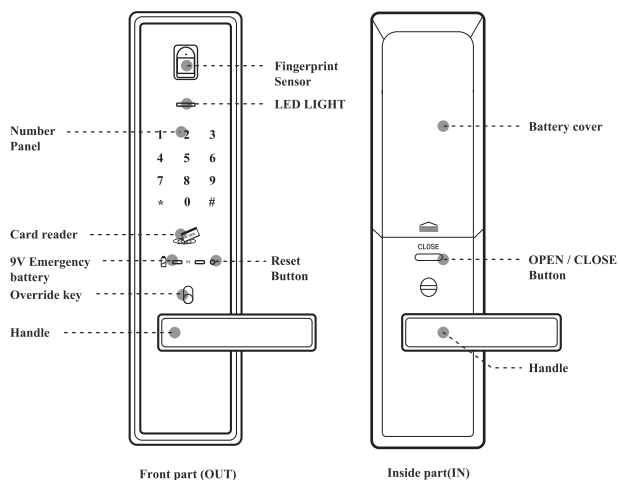
User manual

8100 Series	2way
8200 Series	
8300 Series	3way
8201 Series	
8301 Series	4way

- 2way : Password + Card Key
- 3way : Password + Card Key + Override key
- 4way : Password + Card Key + Override key + Finger print



If the 11-digit serial number (serial number) on the side of the main body is missing or damaged, it is not a normally distributed product and you may have some disadvantages for any future A / S. This device is a household (Class B) electromagnetic wave compatible device mainly intended for home use, and can be used in all areas. This product user manual should be kept private by lock owner only. It contains information about controlling lock system.



8201 Series

Category	Specifications	Remarks
Outside (Front body)	90(W) X 305(H) X 70(D)mm	Rated voltage: DC 6V Operating Temperature: -15 ~ 55 °C Sensor operating temperature: 60 °C
Inside (Front body)	90(W) X 350(H) X 70(D)mm	
Weight	3.4Kg (Outdoor side indoor side included)	
Battery	8 x 1.5V AA alkaline (LR6) batteries, 10 times a day (1 year)	
Product mark	DC, fireproof, temperature sensor, Override key, main key door lock	

8301 Series

Category	Specifications	Remarks
Outside (Front body)	90(W) X 350(H) X 70(D)mm	Rated voltage: DC 6V Operating Temperature: -15 ~ 55℃ Sensor operating temperature: 60℃
Inside (Front body)	90(W) X 350(H) X 70(D)mm	
Weight	3.6 Kg (Outdoor side indoor side included)	
Battery	8 x 1.5V AA alkaline (LR6) batteries, 10 times a day (1 year)	
Product mark	DC, fireproof, temperature sensor, Override key, main key door lock	

※ The service life may vary depending on the battery life.

Replace all batteries at the same time when they are out of use, and do not mix unused battery with used ones.

24. Certification Mark

Category	Specifications		
Report Number	B223X5002-19001	device designation	Digital door locks
safety standard mark	F-T-K-M(60 °C +/-10 °C)	Manufacturing year	Product notation
Country	South KOREA	Manufacturer	Pushpull system
Usage environment	Temperature : -15~55 °C / Humidity : ~95 °C	Power	DC 6V
Models	BABA8100, BABA8200, BABA8201, BABA8300, BABA8301		

※ The contents of this manual may be changed without prior notice to the user to improve the functions of the product. (Additional models are applied as stickers.)

1. Error LED Table

Self diagnosis item	Operating status (Number display)	Voice comment
Password, Card, Fingerprint Input Error-Delete	LED no.1 number display (flashing)	Recognition error. Please enter it again.
Unregistered password or card fingerprint input	LED no.2 display (flashing)	This card is not registered. This password is not registered. This fingerprint is not registered.
In case of poor mortis connection	LED number 3 blinks	Check the Mortise cable.
Dead bolt jam	LED no.4 display (flashing)	The door is not locked normally.
Internal double lock	LED no.5 display (flashing)	Double lock is on.
When entering duplicate ID	LED number 9 blinks	Password, card, fingerprint voice, error output.

22. Product Specification

8100 Series

Category	Specifications	Remarks
Outside (Front body)	79.43(W) x 230(H) x 69.2(D)mm	Rated voltage: DC 6V Operating Temperature: -15 ~ 55°C Sensor operating temperature: 60 °C
Inside (Front body)	90(W) X 350(H) X 70(D)mm	
Weight	3.1 Kg (Outdoor side indoor side included)	
Battery	4 x 1.5V AA alkaline (LR6) batteries, 10 times a day (1 year)	
Product mark	DC, fireproof, temperature sensor, main key door lock	

※ The service life may vary depending on the battery life.

8200 Series

Category	Specifications	Remarks
Outside (Front body)	90(W) X 305(H) X 70(D)mm	Rated voltage: DC 6V Operating Temperature: -15 ~ 55℃ Sensor operating temperature: 60 ℃
Inside (Front body)	90(W) X 350(H) X 780(D)mm	
Weight	3.4Kg (Outdoor side indoor side included)	
Battery	8 x 1.5V AA alkaline (LR6) batteries, 10 times a day (1 year)	
Product mark	DC, fireproof, temperature sensor, Override key, main key door lock	

8300 Series

Category	Specifications	Remarks
Outside (Front body)	90(W) X 350(H) X 70(D)mm	Rated voltage: DC 6V Operating Temperature: -15 ~ 55 °C Sensor operating temperature: 60 °C
Inside (Front body)	90(W) X 350(H) X 70(D)mm	
Weight	3.6Kg (Outdoor side indoor side included)	
Battery	8 x 1.5V AA alkaline (LR6) batteries, 10 times a day (1 year)	
Product mark	DC, fireproof, temperature sensor, Override key, main key door lock	

2. Product Features

Imaginary password -----●

Imaginary password function is enabled in this product and it helps customer to enter any number before actual password.(Max. 20 digits)

Fire safety function and auto lock function -----●

When the door is closed, the door lock is automatically locked within 5 seconds, and there is temperature sensor which is equipped with an opening system that automatically unlocks the door lock to help evacuate smoothly when a temperature higher than 65 °C is detected.

External double lock function -----●

When going out for a long time, this function helps to stop operation of internal OPEN button or handle opening in order to prevent robbery through door parcel drop box.

Self-diagnosis function -----●

The door lock will diagnose the product itself and notifies product malfunctions or battery replacement time.

Alarm against intrusion and robbery. -----●

If you enter wrong number more than 3 times, all operation will be stopped for 30 seconds and door lock generates loud alarm sound when door is opened by force.

Home network system connection -----●

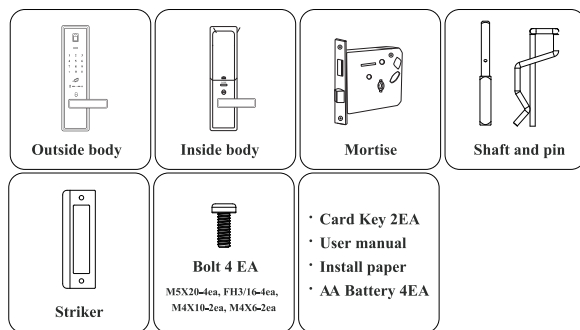
The door can be opened by connecting with the remote control or wireless transmitter in the room, and the door opening and door lock management can be done remotely through the BABA smart home app.

- ※ Fingerprint Recognition Digital Door Lock BABA Series uses fingerprint as an authentication means, so there is no risk of loss, theft, or hacking. Since it uses a semiconductor sensor, it is safe because no residual fingerprint remains on the sensor area.
- ※ When registering a fingerprint, the same fingerprint is registered three times, which reduces the recognition error as much as possible.
- ※ However, depending on the fingerprint condition of the individual, it may not be registered or an error may occur.

3. Precautions for safety

- Do not install the product outside in the rain, and it is not advised installing the product in places exposed to direct sunlight for a long time, or in places with high humidity and salt water (seaside)
- If disassembled and reassembled arbitrarily, there may be a danger as well as malfunction. Do not assemble arbitrarily
- Keep the product clean to prevent substances from coming into the product, and do not spray it directly or wipe it with chemicals such as benzene, thinner, or alcohol.
- Do not apply excessive force to the product by using any tool.
- Pay attention to password management.
- When you go out, make sure the door is locked properly.
- Be careful not to lose the card key.
- Be careful not to hit the handles as this may cause injury.
- If the product is used in a condensation environment, it may cause a problem in product performance.

4. Product Parts (It may differ based on product type)



Caution

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Please familiarize yourself with the emergency switchgear.

This product is door lock does not have override key that may damage some of the door locks when it is broken. (Model : 8100)

21. Customer Support

Free warranty service is provided within the warranty period.

However, it is paid after service due to carelessness and inadequate operation (non-failure) or after the warranty period.

■ Consumer damage compensation standard (1 year warranty)

Consumer damage compensation standard		Compensation History	
		Within warranty	After warranty
Normal use state	Malfunction in warranty period after installation	Free repair	Paid repair
	2 occurrences of the same defect	Free repair	Paid repair
	3 occurrences of the same defect	Product Exchange	Paid repair
	If no repair parts are available	Product Exchange	Product Exchange (Price deduction\$ applied)
Intentional and negligence of consumers	In case of failure due to wrong battery replacement or user own error	Paid repair	Paid repair
	Replacement of consumables such as batteries	Paid repair	Paid repair
	Failure or damage caused by use of the product other than its intended purpose.	Paid repair	Paid repair
	Intentional failure and damage	Paid repair	Paid repair
	Missing password input If you lose your password	Paid repair	Paid repair
	If product gets damaged by the case of customer's loss of actual password of the lock	Paid repair	Paid repair
	Failure or damage caused by fire, natural disaster, etc.	Paid repair	Paid repair
Malfunction due to condensation and moisture and poor installation		Paid repair	Paid repair

※ Customer Support

- This product is manufactured under strict quality control.
- If any problem, please contact the installation or head office for A / S.
- However, if the product is out of warranty (one year) or due to careless use of the consumer, a fee will be charged.
- If you do not have a quality warranty at the time of A / S, it will be charged.
- The paid repair fee is the cost of part including travel costs.
- This compensation standard is based on the consumer damage compensation notice announced by the Ministry of Finance and Economy.

18. Setting one-time password

◎ Issuing a One Time Password

**Touch number plate> # button > Password > * button > Enter
one-time password > * button**

- 1) Touch number plate and press # button.
- 2) Enter your password and press * button.
- 3) Enter the password for one-time use and press the * button.

After setting a one-time password, the activated temporary password will be deleted after one-time use

19. Setting Etiquette Mode

It is a function to temporarily change the entry / exit sound of door lock to silent mode.

It is a one-time function and the function is deactivated after one normal operation.

◎ Setting by password

Press the * button, enter the password, and press the * button.

◎ Setting by Card Key

Press the external etiquette * button and then touch the card key to the front card reader.

20. Factory Reset Setting

◎ Factory Reset Door Lock

**Press registration button > 0 > # button > 16704521 >
press and hold # button long**

- 1) Open battery cover and press registration button inside
- 2) After you press 0 and # buttons, enter 16704521
- 3) Press and hold # to reset the factory with buzzer sound.

When the factory is initialized, all registered authentication means including master password, master card, password will be deleted and changed to the factory default state. The password is set to '1234' which is the factory default.

4. Password Setting

1) Password registration (Up to 1 can be registered)

Registration Button > 1> Enter Password (4 ~ 12 digits)> * button

- 1) Open the battery cover and press the registration button inside
- 2) Press “1” number on number plate following voice announcement
- 3) Enter the new password on the number plate. (4-12 digits)
- 4) Press * button on the number plate to complete registration

2) Entire password deletion

Registration Button > 0 > 1> press # button long

- 1) Open the battery cover and press the registration button inside
- 2) Press number 0 and then number 1 on number plate.
- 3) Press and hold # button for 5 seconds to delete all passwords.
(If you delete your password, the default 1234 will be saved as your password.)

5. Individual Password Setting

(Make sure “individual registration mode” is enabled. Look at section 17)

1) Individual Password Registration (Up to 20 can be registered)

Registration Button > 1 > ID> * Button > Enter Password> * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press number 1 on number plate (password registration)
- 3) Select ID 1 ~ 20 and press the * button.
- 4) Enter the password on the number plate (4 ~ 12 digits) and press the * button.

2) Deleting Individual Password

Registration button > 0 > 1 > * button > ID > hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) After you press 0 number, press 1 followed by * button
- 3) Enter individual password ID (number) that you want to delete.
- 4) Press # button and hold for 5 seconds to delete the selected password.

6. Card Key Setting

1) Card registration (Up to 50 can be registered consecutively)

Registration Button> 2 > Tap card to card reader > * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press number 2 on number plate (card registration)
- 3) Touch the card key to register on the front card reader consecutively.
- 4) Press * button on the number plate to complete registration

2) Deleting all registered cards

Registration Button> 0 > 2 > Hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) After you press 0 button, press 2 number
- 3) Press # button and hold for 5 seconds to delete all registered card keys.
(Even if you delete card keys, master card key will NOT be deleted.)

7. Card Individual Setting

(Make sure “individual registration mode” is enabled. Look at section 17)

1) Individual card registration (Up to 50 can be registered at any time)

Registration Button > 2 > ID > * Button> Tap card > * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press number 2 on number plate (card registration)
- 3) Select ID between 1 ~ 50 and press * button.
- 4) Touch the card key to register on the front card reader and then press * button to complete registration.

2) Individual card deletion

Registration button > 0 > 2 > * button > ID > Hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) After you press 0 number, press 2 followed by * button
- 3) Enter individual card ID (number) that you want to delete.
- 4) Press # button and hold for 5 seconds on the number plate to delete the selected card.

16. Sound Control Setting

1) Door Lock Sound Volume

◎ Open the battery cover and press the registration button inside

- Silent setting: Press 8, then, 1 and * buttons consecutively.
- Bass setting: Press 8, then, 2, and * buttons consecutively.
- Treble setting: Press 8, then, 3, and * buttons consecutively.
(Regardless of the volume level, the alarm sound will ring at high volume)

2) Door Lock Voice Announcement

◎ Open the battery cover and press the registration button inside

- Silent setting: Press 8, then, 4 and * buttons consecutively.
- Bass setting: Press 8, then, 5, and * buttons consecutively.
- Treble setting: Press 8, then, 6 and * buttons consecutively.
(Regardless of the volume level, the alarm sound will ring at high volume)

17. General / Individual Registration Mode Setting

All registration mode: General registration setting method.

Individual registration mode: This is a registration setting method for managing registration by specifying ID.

◎ Setting All Registration Mode

Registration button > 0 > # button> 1 > 4 > 7 > Press and hold # button

- 1) Open the battery cover and press the registration button inside
- 2) Press 0, #, 1,4,7 buttons and then hold # button for 5 seconds or more to complete setting

◎ Setting Individual Registration Mode

Registration button > 0 > # button > 3 > 6 > 9 > Hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) Press 0, #, 3,6,9 buttons and then hold # button for a while to complete setting

13. Auto / Manual Lock Setting

If you set auto lock, the door will close automatically within 5 seconds. When manual lock is set, you have to touch number plate to close lock

⊙ Setting Auto Lock

Registration Button> 7> 1> * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press plates 7, then, 1 and * buttons in order.

⊙ Manual Lock Setting

Registration Button> 7> 2> * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press 7, then, 2 and * buttons in order.

14. Internal Forced Lock Setting

When forced lock is set, card, fingerprint, password methods will be disabled and the external LED blinks with alarm sound when an attempt is made to open door from the outside

⊙ Activating/Deactivating internal forced lock.

While the door is locked press the [OPEN / CLOSE] button for 5 seconds.

15. External Forced Lock

When there is no one at home, activating this function from outside generates sound alarm if door is opened with handle or open/close button from inside

⊙ Activating External Lock

After closing door, enter the password on the number plate, press and hold # for 5 seconds or more.

⊙ Deactivating the External Lock

The external forced lock function is automatically deactivated when the door is opened with the normal authentication from the outside.

8. Fingerprint Setting

(Fingerprint enabled model: BABA-8301,8201)

1) Fingerprint registration

(Max 20 fingerprint can be registered in consecutive)

**Registration button > 3 number >
put fingerprint (3 times) > * button**

- 1) Open the battery cover and press the registration button inside
- 2) Press “3” number on number plate following voice announcement
- 3) Put finger in fingerprint reader part. (3 times in total)
- 4) After you press * button, process will be completed

2) Delete all fingerprints

Registration Button> 0> 3> Press and hold the # button

- 1) Open the battery cover and press the registration button
- 2) Press number plate 0, then press number 3 again.
- 3) Press and hold the number plate # button for 5 seconds to delete all fingerprints.

9. Individual Fingerprint Setting

(Fingerprint enabled model: BABA-8301,8201 / Make sure “individual registration mode” is enabled. Look at section 17)

1) Individual fingerprint registration

(Max. 100 fingerprints can be registered)

**Registration button > 3> ID input > * button >
fingerprint contact (3 times in total)**

- 1) Open the battery cover and press the registration button inside
- 2) Press number 3 on number plate (fingerprint registration)
- 3) Select ID between 1 ~ 100 and press the * button.
- 4) Put fingerprint in the door lock fingerprint reader. (3 times in total)

2) Individual fingerprint deletion

Registration button > 0> 3> * button > ID > # button

- 1) Open the battery cover and press the registration button inside
- 2) After you press 0 number, press 3 followed by * button
- 3) Enter individual fingerprint ID (number) that you want to delete
- 4) Press and hold the # button for 5 seconds to delete the selected fingerprint.

10. Master (manager) Setting

This setting allows you to use the administrator's functions without informing others and to keep master card or password

1) Master Password registration (Max.1 can be registered)

Registration Button> No. 5> * Button> Master Password> * Button

- 1) Open the battery cover and press the registration button inside
- 2) After you press 5 number, press * button
- 3) Enter the master password to register. (4-12 digits)
- 4) Press * button to complete the master password registration.

2) Change Master Password

Registration button > 5 > * button > Actual master password > * button > new master password > * button

- 1) Open the battery cover and press the registration button inside
- 2) After you press 5 number, press * button
- 3) Enter the master password you are using and press the * button.
- 4) Enter the new master password to change. (4-12 digits)
- 5) Press * button to complete the master password registration.

3) Master Card registration

(Max1 piece, available after master password reg-n)

Registration Button > 6 > * Button > Master Password > * Button > New Master card > * Button

- 1) Open the battery cover and press the registration button inside
- 2) After you press 6 number, press * button
- 3) Enter the master password you are using and press the * button.
- 4) Touch the master card on the front card reader to register .
- 5) Press * button to complete the master card registration.

4) Deleting Master Card

Registration Button > 0 > 6 > * Button> Master Password > * Button > 0 > 0 > Hold # Button long

- 1) Open the battery cover and press the registration button inside
- 2) Press plates 0 then, 6 and * buttons in order
- 3) Enter the master password you are using and press * button.
- 4) After you press 0 two times, hold # button for 5 seconds to delete master card

11. Master (manager) Setting 2

◎ Master initialization

(after initialization, master card and master password will be deleted)

Registration Button > 0 > 5 > * Button > Master Password > * Button > 0 > 0 > Hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) Press 0, then 5 and * button
- 3) Enter the master password you are using and press the * button.
- 4) Press 0 button two times, then hold # button for 5 seconds to complete master initialization

12. Remote control/Intercom connection (Optional/chargeable)

1) Remote control registration (Max. 10 can be registered)

Registration Button > 4 > 2 > * Button > Remote control> * Button

- 1) Open the battery cover and press the registration button inside
- 2) Press 4, then 2 and * button
- 3) Press the [Register / Open] button on the remote control.
- 4) Press * button to complete the remote control registration.

2) Deleting the Remote Control

Registration Button> 0> 4> Hold # button long

- 1) Open the battery cover and press the registration button inside
- 2) After you press 0 button, press 4 button
- 3) Hold # button for 5 seconds to delete remote control
(Deleting the remote control does not delete the interlock drive.)

3) Interlock registration (Max.1 can be registered)

Registration button> 4> 1> * button> Interlock

- 1) Open the battery cover and press the registration button inside
- 2) Press 4, then 1 and * button
- 3) Press the [Register / Open] button of the interlock to complete the registration.
(If you re-register the interlocker, the previously registered interlock will be deleted.)