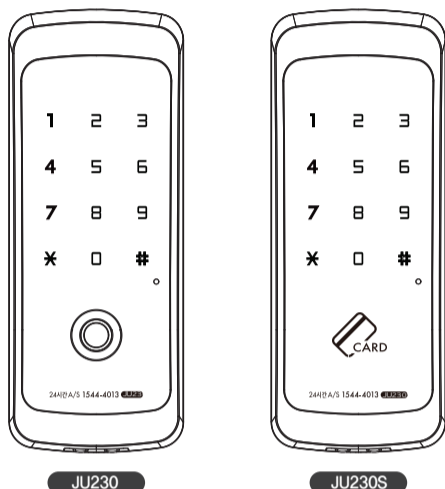


JU-230 Series user manual

- Easy-to-change hand type
- Body detection sensor to prevent unauthorized entry
- Imaginary code system to prevent exposure secret code
- Main body holder open type
- Premium touch pad with 12 LEDs with individual lighting



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We can provide you with better services if you will keep us informed of the model name, the state of the problem item, and your updated contact details as quick as possible any time, as well as answer your queries regarding the items you have purchased.



Safety precautions

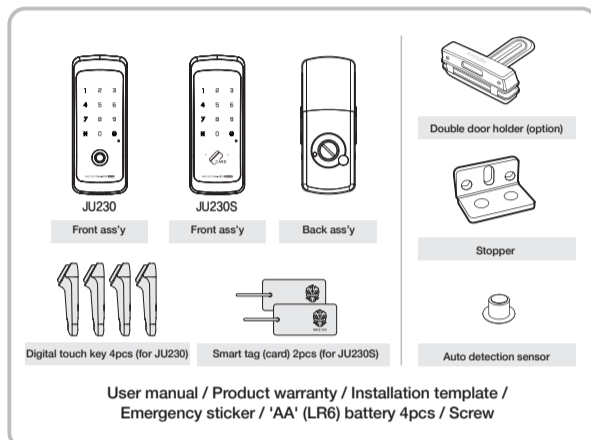


The precautionary measures are for the safety of the user, for the prevention of property damage, and for the avoidance of any inconveniences due to an accident. These must be read and followed properly.

- Do not disassemble or alter the lock.
- Do not install where the distance over 5mm between the door and door frame.
- Please do not expose the secret code and change the secret code in regularly.
- Batteries should not be exposed directly to heat sources or flames, or submerged in water, because they may leak or explode, resulting in severe damage. Please do not use damaged batteries.
- Do not press using sharp tools or press numeric button excessively.
- Make sure the door is completely locked when going out.
- Place the batteries carefully and correctly according to their polarity (+/-). If the batteries are inserted in a wrong way, differently from the indicated direction or polarity, leakage or rupture could occur. Pay attention to it.
- Please do not mix old with new batteries or use different types. Always use new alkaline batteries.
- Do not clean the product with flammable materials such as alcohol, benzene or thinners. Such materials may damage the surface or cause a fire.
- Replace the current batteries with new ones within 1 week after the battery replacement notification melody sounded off for the first time.

Product composition

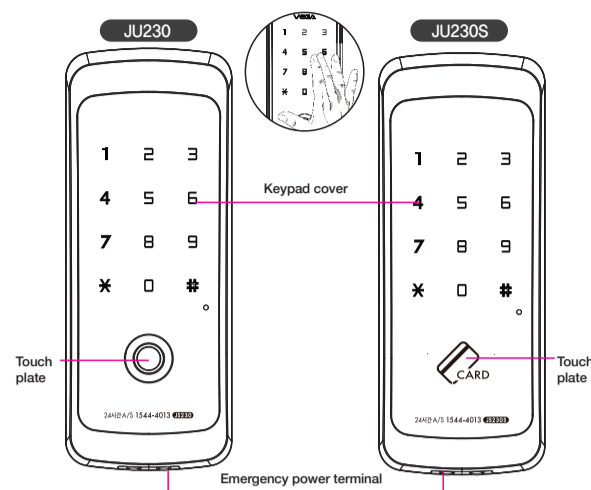
Product composition may be subject to change depending on the installation environment.



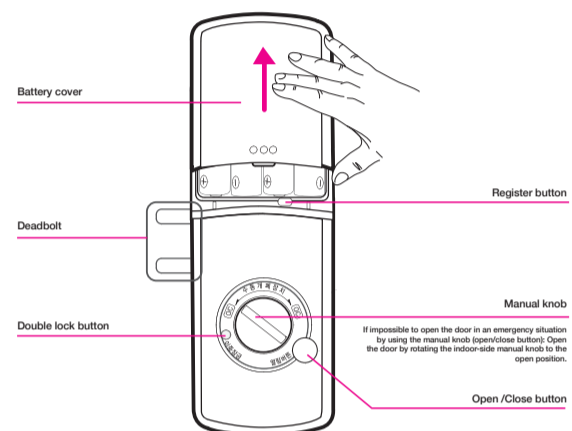
Caution

As this is a keyless digital door lock, damage may occur to parts of the dead lock system if it is not used according to the manual. Users should be fully aware of the manual and how to operate this product.

Specifications (Outdoor side)



Specifications (Indoor side)

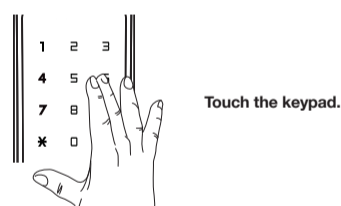


Press the battery cover of the back ass'y slightly. Pull toward the direction of the arrow, as indicated.

Opening the door from the outside (Secret code)

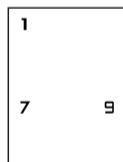
The door lock is initially set at the general mode when purchased. Refer to the 'double security mode setting' method if needed to set the mode.

1. Touching the keypad



2. Entering the secret code

Double security mode

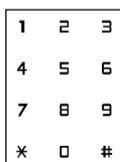


Successful: "Biriri"
Failed: "Biribiri"

When the keypad is turned on, enter your desired secret code and press the [*] button.

When there are 3 buttons turned on arbitrarily, press them randomly regardless of the sequence.

General mode



Successful: "Biriri"
Failed: "Biribiri"

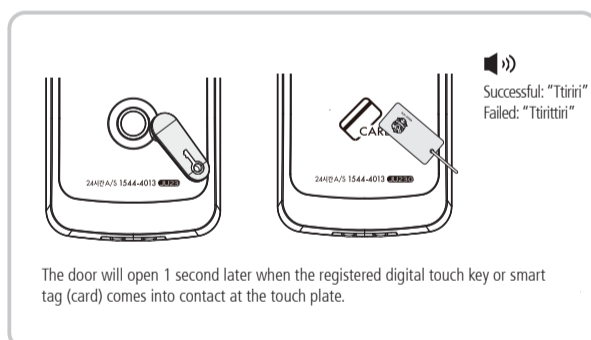
When the keypad is turned on, enter the secret code and then press the [*] button.



- Enter the secret code only when the keypad is turned on. If it is turned off, touch the keypad before entering the secret code again.
- If the user enters an incorrect secret code 3 consecutive times, an alarm sound "Biriri~ Biriri~ Biriri~" will go on for 30 seconds. The door lock will stop operating for another 30 seconds. Then, there will be a sound "Biriri" and the stopped status will be released automatically.

Opening the door from the outside (Digital touch key/Smart tag (card))

Open the door from the outside using the registered digital touch key or smart tag (card). Bring the registered digital touch key or smart tag (card) into contact at the touch plate correctly.



The door will open 1 second later when the registered digital touch key or smart tag (card) comes into contact at the touch plate.



- The door will open 1 second later when the registered digital touch key or smart tag (card) comes into contact at the touch plate.

Opening and closing the door from the inside

Opening the door digitally



While the door is closed, press the [Open/Close] button from the inside. Then, the door will open.

Closing door digitally



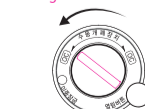
While the door is on manual mode and is closed, press the [Open/Close] button from the inside. Then, the door will close.

Opening the door mechanically



While the door is closed, turn the manual knob clockwise

Closing the door mechanically



While the door is closed, turn the manual knob counterclockwise

Registering the secret code

It is possible to register a secret code using 3-20 digits; only one secret code can be registered.

1. Press the [Register] button



Open the battery cover and short press the [Register] button.

2. Enter a new secret code



Enter a new secret code (3-20 digits).

3. Complete the registration



Complete registration by pressing the [Register] button.



Caution

- It is recommended to use a secret code with more than 6 digits in order to prevent theft (Only the numerical characters 0-9 can be used)
- Do not let others know your secret code. If one secret code is used for a long period of time, there is a risk of being exposed. It is recommended to change it periodically.
- When a new secret code is registered, the old one will be deleted.
- Before closing the door, it is required to recheck if new secret code is working and is registered well.

Registering a digital touch key and a smart tag (card)

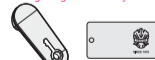
Registering a digital touch key and a smart tag (card) When a digital touch key or a smart tag (card) is registered, the old ones will all together be deleted. That is why it is recommended to register all the necessary digital touch keys or smart tags (cards) at the same time. It is possible to register up to 50pcs of digital touch key or 50pcs of smart tag (tag).

1. Press the [Register] button



Open the battery cover and short press the [Register] button.

2. Bring a digital touch key or smart tag (card) into contact



Bring the digital touch key or the smart tag (card) that needs to be registered into contact at the touch plate.

3. Complete the registration



Complete registration by pressing the [Register] button.



- When needed to register multiple digital touch keys or smart tags (cards) consecutively, it is necessary to bring a new digital touch key or a new smart tag (card) into contact within 7 seconds after registering the previous one. If the contact does not take place within 7 seconds, the registration process will automatically stop.
- It is required to check whether the new digital touch key or smart tag (card) is registered well. To do that, while the door is opened, use the registered digital touch key or smart tag (card) to check whether it works well before closing the door.

Setting and unsetting the double security mode

The double security mode prevents a secret code from being exposed. In this mode, the user needs to get 3 additional random numbers authenticated after entering the initial secret code.

Setting

1. Press the [Register] button
"Bibi"
2. Enter a new secret code
"Bi"
Button [4]: General mode
Button [6]: Double security mode
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [6] button. Press the [Register] button to set the double security mode.

Unsetting

1. Press the [Register] button
"Bibi"
2. Enter through the keypad
"Bi"
Button [4]: General mode
Button [6]: Double security mode
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [4] button. Press the [Register] button to set the double security mode.

※ Upon shipment, the product mode is not set. Set the mode before using the product.

Setting the auto/manual lock function

Setting the auto lock function

1. Press the [Register] button
"Bibi"
2. Enter through the keypad
"Bi"
Button [7]: Auto lock function
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [7] button. Press the [Register] button to set the auto lock function.

Unsetting

1. Press the [Register] button
"Bibi"
2. Enter through the keypad
"Bi"
Button [9]: Manual lock function
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [9] button. Press the [Register] button to set the manual lock function.

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Setting the audio

Setting the audio makes it possible to open the door quietly by deciding whether the operating sound should be generated.

Unsetting

1. Press the [Register] button
"Bibi"
2. Enter a new secret code
"Bi"
Button [1]: Audio function
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [1] button. Press the [Register] button to unset the function.

Setting

1. Press the [Register] button
"Bibi"
2. Enter a new secret code
"Bi"
Button [3]: Audio function
3. Complete the registration
"Bi"

Open the battery cover and press the [Register] button. Press the number [3] button. Press the [Register] button to set the function.

Mute function

The mute function is to temporarily control the operating sound to open the door quietly when needed to use the door at an apartment or a common housing by entering the secret code at night.

1. Touch the keypad.
2. Press the [#] button.
3. Enter the secret code.
4. Press the [*] button.

Setting the hand type

Setting the left hand type

Open the battery cover and then press the [Register] button. Then, press the number [2] button before pressing the [Register] button to set the function.

Setting the right hand type

Open the battery cover and then press the [Register] button. Then, press the number [3] button before pressing the [Register] button to set the function.

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Setting and unsetting the double lock function

The double lock function makes it impossible to open a closed door from the outside.

▶ Setting the double lock function

While the door is closed, press the [Double lock] button on the back ass'y for 3 seconds.

▶ Unsetting the double lock function

Unset the double lock function by turning the manual knob to the open position or by pressing the [Open/Close] button.

※ Upon shipment, the product mode is set to default mode.

Unsetting the double lock function from the outside

This is for unsetting the double lock function from the outside when the function is set by mistake.

1. Touch the keypad.
2. Enter the secret code.
3. Press the [#] button.
4. Enter the secret code again.
5. Press the [*] button.

Imaginary code system to prevent exposure secret code

Even when another person is watching nearby, this function makes it possible for the user to go inside the house easily by entering the secret code without worrying about it being exposed. It is a patented function.

(Example)

When the secret code is 1234, the user just needs to enter the real secret code 1234 at the end, after random numbers are entered. Take note that the first digit of the real secret code cannot be part of the random numbers. In this case, "1" cannot be part of the random numbers entered prior to the real secret code because "1" is part of the current secret code.

Unsetting the warning sound / emergency sound

Open the battery cover on the back ass'y and remove batteries, or bring the registered touch key or key tag into contact, or enter the secret code before pressing the [*] button.

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Replacing batteries

When the battery replacement notification melody sounds.

When the batteries need to be replaced, a melody will sound off while operating the product. The melody is for letting the user know about the need to replace batteries

Replacing the batteries

Replace all the batteries (4pcs) with new ones within 1 week after the warning sound is generated for the first time.

- The product will stop operating when it is used continuously without replacing batteries.



Caution

- The lifetime of batteries varies, depending on manufacturers, manufactured dates, and conditions for the use (Batteries will run for about 10 months when 4pcs of AA type 1.5V alkaline battery are used and the user uses the door lock 10 times a day)
- If battery leakage occurs, the product could get damaged. It is required to check them periodically (About every 6 months)
- It will be impossible to register and change the secret code and cards and set relevant functions before replacing batteries once the battery replacement notification melody is generated for the first time.

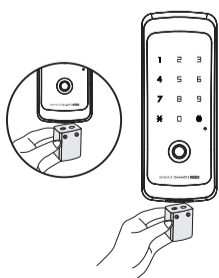
Using an emergency battery

If the product is used continuously without replacing batteries even when they need to be replaced, they will be discharged, causing the door lock to malfunction.

Opening the door by using an emergency battery.

Purchase an emergency battery (9V) from a nearby convenience store.

- It would be better to use alkaline batteries that last long compared with the general manganese batteries and rechargeable ones.



While bringing a 9V battery into contact at the external power contact section on the front ass'y, bring the card key or the key tag into contact at the door lock or enter the secret code.

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Setting and unsetting the body detection opening (for neutralizing the unauthorized entry) function

※ The capacitive touch method is applied, so the door can be opened only with hands (Upon shipment, the product mode is set to default).

Setting

1. Press the [Register] button
"Bibi"
2. Enter through the keypad
"Bi"
Button [5]: Body detection opening function
3. Complete the setting
"Bi"

Open the battery cover and press the [Register] button. Press the number [5] button. Press the [Register] button to set the function.

Unsetting

1. Press the [Register] button
"Bibi"
2. Enter through the keypad
"Bi"
Button [8]: Body detection opening function
3. Complete the unsetting
"Bi"

Open the battery cover and press the [Register] button. Press the number [8] button. Press the [Register] button to set the function.

Unauthorized entry / Damage alarm

While the door is closed, if the locking device is forcibly removed upon break in or upon unauthorized entry, an alarm will sound off for 3 minutes to notify of the emergency situation.

Fire detection

If a fire occurs, an alarm will be generated to aid in efficient evacuation. (It is set to default, so it is impossible to set or unset the function separately) The fire detection will take place when heat of about 60°C is sensed, with some variation depending on the conditions of installation. When a fire occurs, the temperature sensor will detect it, causing the door to open within 5 seconds and generating an alarm for 3 minutes. (When the indoor temperature goes below a certain level, the door lock will operate normally)

Standard of the product

Classification	Specification	Remarks
Front ass'y (Front body)	68W X 173H X 24D mm	Rated voltage: DC 6V Working temperature: -20~60°C Sensor working temperature: 60°C
Back ass'y (Main body)	67W X 157H X 35D mm	
Strike	AL alloy die-casting	Sensor working distance: 2cm
Digital touch key	4pcs	Possible to register up to 50pcs.
Smart tag (card)	2pcs (For JU230 model)	
Battery	1.5V AA LR6 alkaline battery x 4	Will run for about 10 months when used 10 times a day (6~8 months in case of card models)
Door type	Direct current-Non-fireproof-Temperature sensor-Non-key type-Subsidiary key (D-NF-T-NK-S)	

* The lifetime of the batteries is based on the result of the tests by the company and is not an absolute measurement. It will vary depending on the temperature and humidity of the installed locations as well as depending on the frequency of usage and the quality of batteries.

* The functions, design and composition of the product may change without prior notification for the purpose of improving its quality.

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	Types of consumer damage	Content of compensation	
		Within the warranty period	After the warranty period
The product is used in normal conditions	Failure occurs within 1 month from date of purchase	Product replacement	-
	Failure occurs within 1 year from date of purchase	Free-of-charge repair	-
	Same failure occurs 4 times or more	Free-of-charge repair	Paid repair
	The repair parts are not available at the main office	Product replacement	Replacement after depreciation based on a fixed rate.
Mistakes and mishandling by the user	Not the case of failure		
	Mistakes and mishandling by the user		Paid repair
	Defective installation, and other reasons		Paid repair

※ Details of mistakes and mishandling by the user

Not the case of failure	Mistakes and mishandling by the user	Other reasons
<ul style="list-style-type: none"> • When needed to break the product due to loss of secret code. • When the door is sagging, or installation is defective, requiring the product to be reinstalled. • Request for checking the product for possible problems while there is no specific symptom of a failure. • Problems in operation occur after the user installs the product directly. 	<ul style="list-style-type: none"> • A visit for repair is needed as there are mistakes and mishandling by the user such as mistakes in replacing batteries and unskillful use of the product. • Defective operation due to poorly inserted batteries and use of defective batteries. • Failure and breaking due to the use of the product for other purposes. • Failure and breaking caused by the user on purpose or from an external impact. 	<ul style="list-style-type: none"> • Failure and damage due to natural disasters such as fires, floods and damage from sea water. • Penetration by water, condensation and injection of chemicals, requiring the internal circuits to be replaced, and causing failures.

Warranty

- ◎ The warranty period for all of the company's products is 1 year from the date of purchase indicated on the warranty certificate.
- ◎ The details of all kinds of services by the company is based on the damage compensation criteria of the consumer protection act by the government
- ◎ Even during the warranty coverage, users need to pay (the cost for trip, technical support and parts) for some services if they are in the category of chargeable services.
- ◎ Users must submit the warranty certificate that contains the installation information when needed to request a service.
- ◎ If the warranty certificate is not available, users need to submit a receipt, a credit card receipt or a cash receipt instead (Except for a simple receipt)
- ◎ If it is impossible to show the purchase date, the warranty period will be applied by taking into consideration the product's manufactured date + expiration period (6 months)

Unicor Hitech

62 (642-3, Gojan-dong / 72B-4L Namdong Induspark), Euncheon-ro, Namdong-gu, Incheon, Korea
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