

# ES-303G User Manual

Pin Number / RFID Card



## Left & Right hand Automatic Recognition type Glass Door Lock

Easy to install due to  
automatic recognition  
of left and right position



**Default Pin number is 1,2,3,4**  
Create a new 4~12 digits Pin number  
that is difficult to crack or guess.  
Do not use consecutive  
and repetitive number.

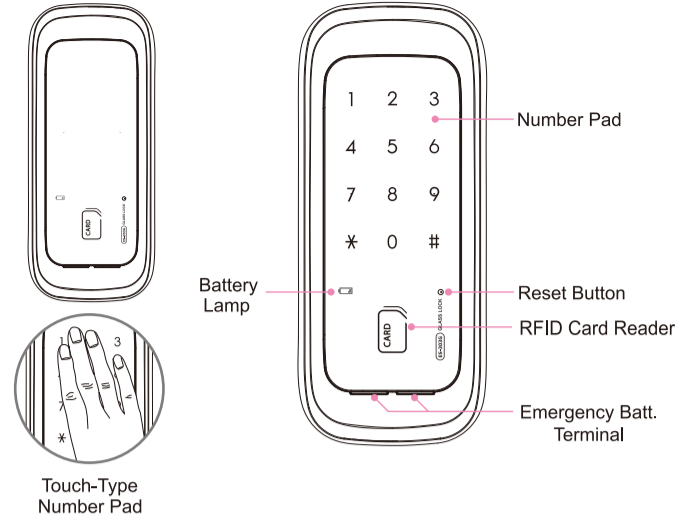
PTSP2530ONTA REV.02



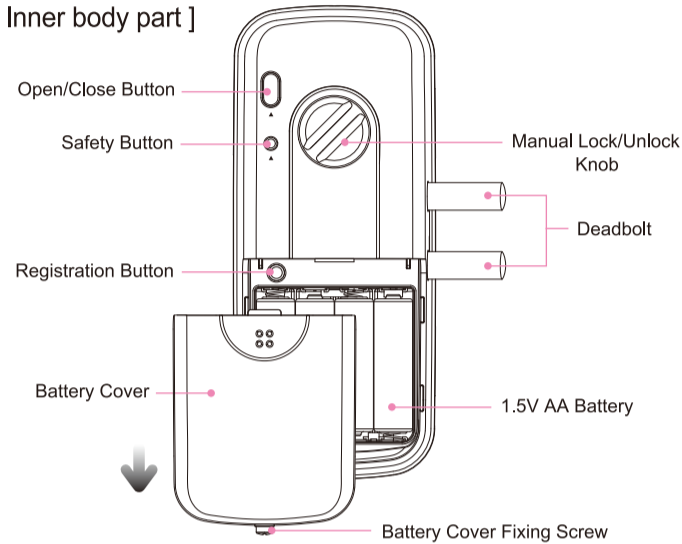
This product should be installed by skilled installer only.  
To receive full coverage of the product warranty,  
Please do not install by yourself, For safety purposes.

## Product Components

### [ Outer body part ]



### [ Inner body part ]



User's Guide  
Trace form  
Batteries (LR6 AA) 4EA

RFID Card (Sticker) 2EA  
Screw

## Pin Number Registration

※ To change existing pin number Default pin number upon purchase is [ 1, 2, 3, 4 ]

- Open the [Battery Cover]  
Press [Registration] button once
- Enter current pin number  
followed by [\*] button.
- Press number 1 button.
- Enter new pin number to be  
registered 4~12 digits.  
Press [\*] button.



After pressing Registration button, pin number should  
be entered within 10 seconds or the registration will  
be cancelled. New registration (steps ①, ②, ③, ④) will  
delete all previously registered pin on the lock.  
**Only 1 set of Pin Number can registered.**

## RFID Card Registration (Normal)

- Open the [Battery Cover]  
Press [Registration] button once.  
Enter current pin number  
followed by [\*] button.
- Press number 2 button.
- Place RFID Card to be  
registered on the Card reader.  
( A beep sound will signal  
registration of each card )
- Press [Registration] button after  
cards has been registered.  
And the registration is complete.

Up to 100 RFID cards can be registered.  
To register multiple RFID cards, repeat step ③ before the number pad turns off.  
Press [Registration] button to complete



When registering additional smart key,  
the existing registered card cannot be deleted.  
If you want to delete it, please delete all cards then register.

## RFID Card Registration (Individual)

- Press [Registration] button once  
Enter current pin number  
followed by [\*] button.
- Press number 2 button.
- Enter the card location number  
consisting of 3 digits from (001~100),  
followed by the [#] button.
- Place the card to be registered on the reader.  
The beep sound will be heard, and the saved  
3 digit location number will be displayed on the  
number pad.
- If you want to register additional RFID Card  
repeat step 4 Press [Registration] button  
when complete.

## RFID Card Deletion (Individual)

- Press [Registration] button once  
Enter current pin number  
followed by [\*] button.
  - Press 8 button, followed by [#] button.  
Enter the registered card location number,  
followed by [#] button.
  - After deletion is complete,  
all numbers are lighted on the number pad  
Additional card deletion is in standby mode.
- If there is no location number to be deleted,  
Press [\*] button or [Registration] button.

## Guest Pin Number Registration

- Press [Registration] button once  
Enter current pin number  
followed by [\*] button.
- Press number 3 button.
- Enter new Guest Pin Number to be  
registered 4~12 digits  
Press [\*] button on the number pad  
a melody will be heard, and the registration  
is complete

**Caution** THE GUEST PIN NUMBER IS FOR 1 TIME ENTRY ONLY

**Note** WHEN REGISTRATION MODE IS CANCELLED  
OLD PIN NUMBER WILL BE RESTORED  
NEW REGISTRATION WILL DELETE OLD REGISTERED  
PIN NUMBER

## Opening Door Outside

### Method 1 Opening by Pin number

- Touch the number pad
- Enter [Pin number] and Press [\*] button
- After the melody is heard, the door will open

### Opening with Random Number Feature

#### - PROCEDURE -

(Before) Enter any random number + Enter Pin number + [\*] button.  
(After) Enter Pin number + Enter any random number + [\*] button.  
Either way, when the melody is heard. The door open.



Random number feature is the random set of numbers  
that is added before or after the original pin number is entered.  
It is used to prevent the pin number from being exposed.  
Including the pin number up to 20 digits only can be entered  
During authentication with random number.



When Multi-touch feature is enabled. After entering pin number,  
3 digit random number will be displayed on the screen,  
press the 3 numbers, followed by [#] button and the door will open.  
When Multi-touch feature is enabled.  
The "Random Number Feature" is disabled.  
The "Random Number Feature" is enabled in default upon purchase.

### Method 2 Opening by RFID Card

- During Automatic Detection Mode  
Place registered RFID Card on the reader  
Melody will be heard and the door will open
- During Manual Detection Mode  
Touch the number pad,  
check if the number pad lights up,  
place registered RFID Card on the reader  
Melody will be heard and the door will open.

## Closing Door Outside

### Method 1 Automatic Lock Mode

The door will lock automatically  
After 2 seconds of closing the door

### Method 2 Manual Lock Mode

- Touch the number pad and the door will lock

**Setting** Enter Pin number → Press [#] button thrice → 1

- Press [#] button and the door will lock

**Setting** Enter Pin number → Press [#] button thrice → 2

## RFID Card Deletion (All-at-once)

- Press [Registration] button once  
Enter current pin number  
followed by [\*] button.
- Press number 8 button.
- Long Press [#] button for 5 seconds  
When the melody is heard,  
All RFID Cards are deleted.

## Opening Door Inside

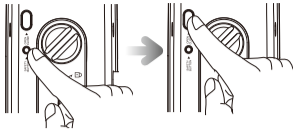
### Method 1 Normal Mode

While door is locked  
Press (Open/Close) button  
And the door will open



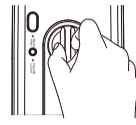
### Method 2 Safety Lock Mode

While door is locked  
Press [Safety] button  
Then Press (Open/Close) button  
And the door will open



### Method 3 Manual Lock Mode

While door is locked  
Turn the [Manual Lock Knob]  
To [Open] direction  
And the door will open



## Closing Door Inside

### Method 1 Automatic Lock Mode

The door will automatically lock  
After 2 seconds of closing the door



### Method 2 Manual Lock Mode

After closing the door  
Press (Open/Close) button  
And the door will lock



### Method 3 Closing the door manually

After closing the door Turn the [Manual Lock Knob]  
To [Close] direction And the door will lock

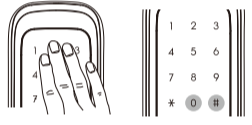


## Force Lock Setting (Outside Force Lock)

This security setting will disable the use of [Open/Close] button inside

### Setting

- While the door is closed  
Touch the number pad  
Enter Registered pin number
- Press [#] button, followed by [0] button



### Cancellation

Open the door using Manual Lock / Unlock lever  
and force lock setting will be cancelled

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## Force Lock Setting (Inside Force lock)

This security setting will not allow any forms of entry from outside  
(Pin Number and RFID Card )

### Setting

While door is closed Press [Open/Close] button  
for 3 seconds, When the confirmation tone is heard  
The setting is complete



### Cancellation

Open the door using Manual Lock/Unlock knob  
or pressing [Open/Close] Button inside and  
force lock setting will be cancelled



## Sound Volume Setting

This feature allows the user to adjust the operation sound volume per level.  
(Perform while door is closed)

- Press number pad outside  
Enter Pin number, Press [#] button
- Press [3] to increase sound  
Press [6] to decrease the sound

\* Sound can be adjusted up to 7 levels.

## Sound Mute Setting

Touch external number pad, Press [#] button Enter Pin number  
and the mute setting (Keypad tone and door operation tone) will  
be mute This feature is 1 time operation only

**Note** When Sound Mute is set, when you enter a number on the number pad,  
it will be blinking. This is 1 time operation After 1 usage,  
the sound will come back to normal

## Auto / Manual Lock Mode Setting

\* Set the door to automatic or manual lock mode.

### 1 Automatic Lock Mode



### 2 Manual Lock Mode



**Note** In manual lock mode, the door will not lock after closing the door.  
To lock inside, Press [Open/Close] button or Touch the number pad  
outside, Enter [#] button and the door will lock  
\* During purchase of item the Manual Lock Number Pad is set in default

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## RFID Card Auto / Manual Detection Setting

Sets the RFID Card detection to Auto or Manual mode



- In Manual Mode, Touch the number pad,  
Place the RFID Card on the reader and the door will open.
- In Automatic Mode, Place the RFID Card on the reader and the door will open.
- Automatic Mode is enable in default.

## Normal & Safe open Mode Setting

When you purchase the product for the first time, it is set in normal mode



### Normal Mode Settings

- You can open the door by pressing [OPEN / CLOSE] button inside

### Safe Mode Settings

- You can open the door by Pressing [Force Lock] button then  
press the [OPEN / CLOSE] button within one second

\* Pressing [Force Lock] button and [OPEN / CLOSE] button continuously  
This enhances the security unlock feature

## Multi-Touch Safe Feature Setting

Multi-touch Safe Feature is the security feature that enables user to enter  
additional series of number after entering pin number. It erases fingerprint  
traces left on the number pad & protects the pin number from being exposed.



**Cancellation** To disable setting, just repeat same setting procedure  
And it will be disabled.

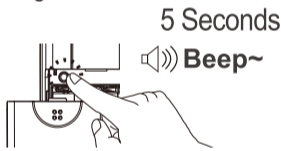
**Note** When multi-touch security is enabled, after entering pin number,  
Press the 3 random number that is displayed on the screen.  
Press [-] button and the door will open.  
When Multi-touch Security feature is enabled "Random Number"  
feature is disabled And when "Random number" feature is enabled,  
Multi-touch Security Feature is disabled.

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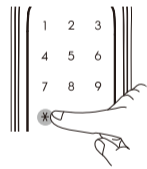
## Dual-Mode Security Feature Setting

\* The Pin Number & Smart Key should be registered  
first before setting this feature.

- Press [Registration] button for 5 seconds  
The entire LED will light up  
After 3 seconds the alarm will stop  
And after 2 seconds it will be on again.



- Enter current user password.  
When you press [#] button,  
The front panel LED will blink and light-up.

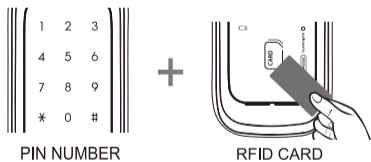


- Press [1] button to Turn-Off Dual-Mode Security  
Press [3] button to Turn-On Dual-Mode Security.



During Dual-Mode Security Setting,  
when the confirmation sound is heard,  
everything will be turned-off

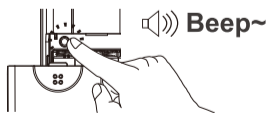
HOW TO  
OPEN THE DOOR



## Home Network Modul & Remote Control Setting

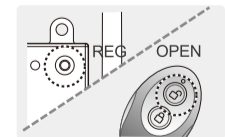
### Registration

- Press [Registration] button Enter pin number  
Followed by [#] button



- Home Network Module / Remote Control  
Registration

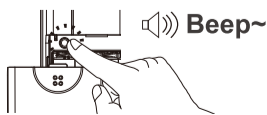
Press [Registration] button /  
Press [Open] button



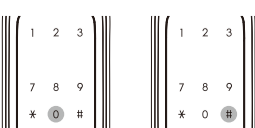
\* For registration of additional remote control Repeat step number 2  
Up to 5 remote controls can be registered

### Deletion

- Press [Registration] button Enter pin number  
Followed by [#] button



- Press [0] button



- Press [#] button for 5 seconds  
When the melody is heard  
Deletion is complete

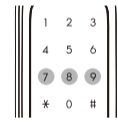
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## Melody Settings

- Touch the number Pad,  
Enter Pin Number  
Press [#] button for 3 times



- Select from the menu  
press [7] to turn off melody  
press [8] to decrease,  
press [9] to increase



- This will function in manual lock mode only
- After the melody is heard and the door is not closed  
but a new function is performed the melody will be off
- After the door was opened the melody will not be heard



Note

## Deadbolt Jammed Alarm

- During open and close operation  
if the detection sensor is not working  
an error sound will be heard
- This will retry for up to 3 times

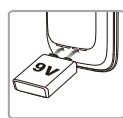
## Replace battery alarm

During normal operation, and a series of alarm is heard.  
it indicates the need for battery replacement.  
Please replace all battery with new ones at this time.

**Caution** Please replace all batteries all-at-once.  
Do not mix new and old batteries.  
Do not mix batteries of different brand.

## Emergency Battery

When the batteries run out, the door can be opened using emergency battery.  
( 9V battery is purchased separately )



- Place battery on the 9v battery terminal
- Press the [#] button
- Enter the [Pin number]
- Press the [#] button again and the door will open

## Anti-Hacking (invasion) Alarm

When the lock detects forceful entry from inside or outside,  
It will activate a series of alarm.

**Cancellation** Remove the batteries or enter the registered pin or card  
and the alarm can be cancelled.

## Fire Sensor Alarm

When the inside temperature rises to (62°C±5°C),  
the lock will generate an alarm and automatically unlocks the door.

**Caution** Prolonged exposure of the main body to direct sunlight can activate  
fire sensor alarm.  
Even in 'Force Lock' status, the door will automatically open.  
When temperature returns to normal. The lock will return to it's normal  
operation status.

## Anti-Prank Alarm & 1 Minute Lock

5 consecutive failed Pin number and Smart keytag entry will activate  
an alarm. And the lock will not function for 1 minute.

## Product Dimension

Item	Specifications	
Installation	tempered glass door	Glass door thickness 12mm
Authentication Method	Pin number	4~12 Digits
	Smart Key	Up to 100 Keys can be registered
Rated voltage	DC 6V	LR6 1.5V AA size Alkaline Battery 4 PCS
Emergency Batt	DC 9V	Alkaline Battery ( Sold Separately )
Product Type	Non fire proof, Temp.Sensor, Non-key, Sub type door lock (D-NF-T-NK-S)	
Temp. Sensor	Heat Sensor type	72°C±5°C (Testing Room)
		62°C±5°C (Normal Environment)
Material	Outer body : Al, Zn, ABS	Inner body : Zn, ABS

## RF Specification

Item	Frequency	Channel	Modulation Type	Antenna Power
RFID	13.56MHz	1 PC	ASK	93.5dBuV/m@10m below
Remote Device	447.275MHz	1 PC	FSK	10mW below

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