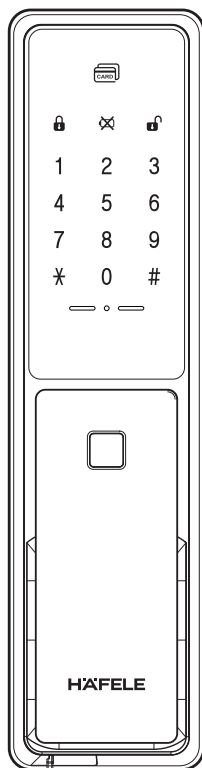




Digital door lock Model COSMO



COSMO

User manual

*The contents of this user manual are subject to change without prior notice to the user in order to enhance performance of the products.



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✓ Product features



Five way unlocking

Fingerprint, PIN code, Key card, Hafele Smart Living and Emergency key.



Random security coding function

A random number can be added before the real user PIN code.

This feature will prevent the real user PIN code from being exposed.



Normal mode/safety mode/ master mode

- Normal mode: easy to use for normal user.
- Safety mode: high security mode with manager function added, provides individual register and delete function which is not provided in normal mode.
- Master mode: With benefit for suspend / release user's data and for restoring to factory settings.



Auto lock / Auto re-lock function

When the door is closed, the lock will lock automatically. If users do not open the door after unlocking with enrolled data, it is to be locked after 7 seconds automatically for higher security.



Privacy mode (Double locking mode)

When privacy mode is activated, the door cannot be opened from outside, even with the enrolled PIN code, Key card or Fingerprint. Only emergency key can still be used.



Burglary alarm function

When the door is opened by force, the lock is suspended with alarm. The alert can be deactivated by providing proper access authorization such as PIN code, Key card or Fingerprint.



Prevent mischief and hacking

After multiple incorrect attempted entries an alarm will sound and all the functions of the lock will be suspended for three minutes. The alarm activates after three incorrect PIN code, Key card entries and five incorrect fingerprint entries.



Alarm for battery replacement time

When the power of battery is too low, a warning voice will appear.
Please replace all batteries immediately.



Safety precautions



Do not disassemble or alter the digital door lock. Assembling or disassembling the digital door lock may damage the product. Damages to the product caused by unauthorized persons may result in damages to your property. Please contact our Customer Service.



If the product generates harmful gases or smoke, please remove the batteries immediately from the product. If you do not take this step immediately, the product may suffer severe damage.



Please keep the product away from water or any liquids. If the product is exposed to salty water or liquids, please wipe off the moisture with a soft cloth. If moisture or foreign materials penetrate the product, remove the batteries immediately and contact the Service Agency or Customer Service Center for advice. Using a product contaminated with foreign materials may cause problems.



Please check the batteries every 6 months to see if the batteries are leaking and to check the clearness of battery terminals. If leakage is discovered, please wipe out with a dry cloth and replace the new batteries. In case of exposure to leakage, wash with soap and water immediately.



Do not clean the product with flammable materials such as alcohol, benzene or thinner. Such materials may damage the surface or cause a fire.



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 allow the battery electrodes to make contact with metals such as keys, as the battery may overheat, causing explosion or severe damage.



Please do not close the door with the deadbolt in the locked position. It may damage the product or cause a malfunction.



Read before using

HÄFELE



Safety precautions



Do not force to pull the front cover. It may damage the product or cause a malfunction.



Please do not mix old with new batteries or use different types. Always use new alkaline batteries. Please make sure the batteries are inserted correctly (+/-) as indicated in the battery compartment. Otherwise, it may cause a leak or explosion. Only use standard alkaline batteries. And it is not recommended to use special battery such as EVOLTA.

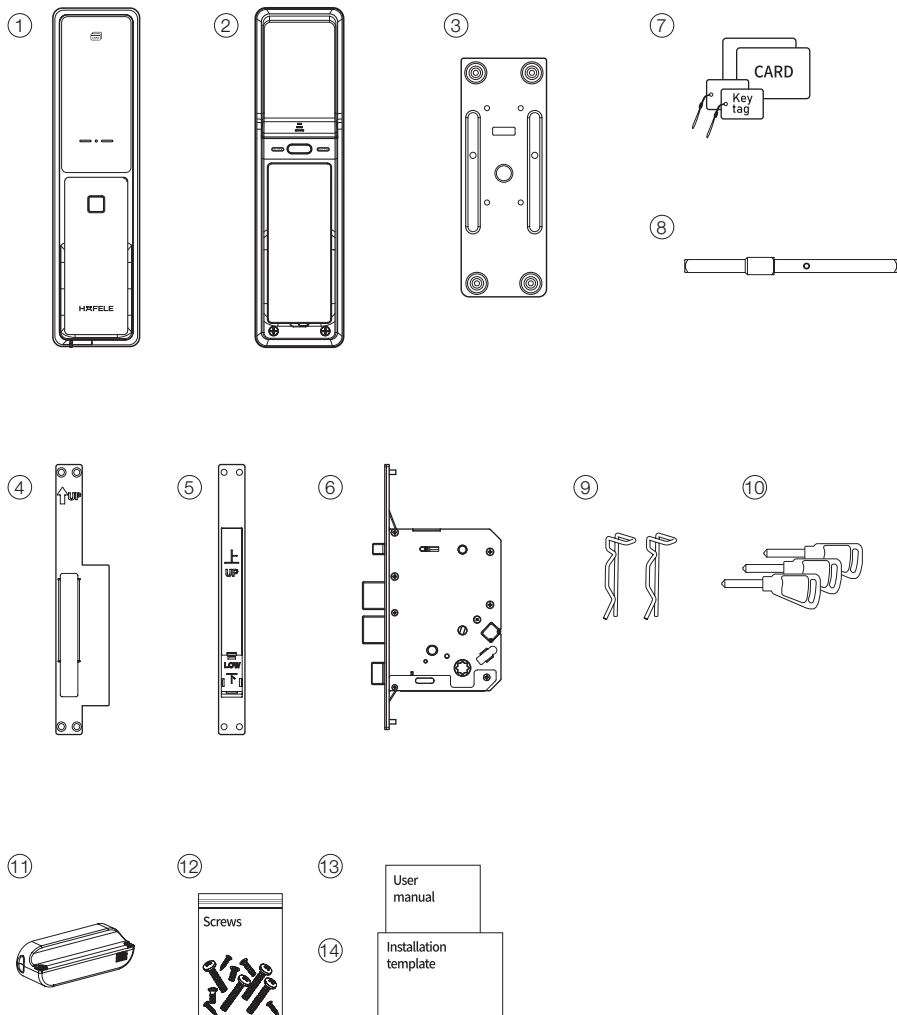


Read before using

HÄFELE



Component overview





Read before using

HÄFELE

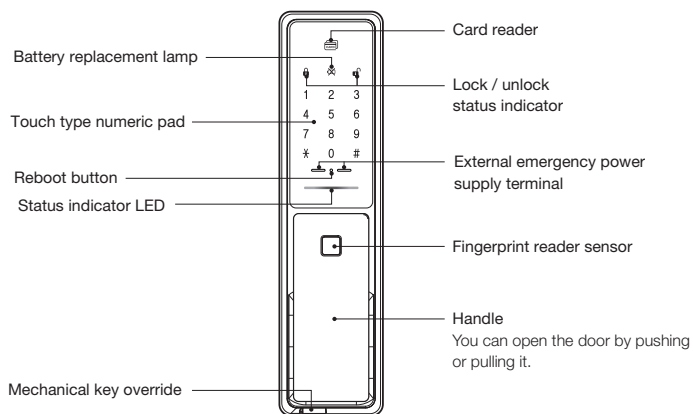
✓ Component overview

Name	Product specification	Remark
1. External handle module (WxHxD)	82 x 320 x 63 mm	
2. Internal handle module (WxHxD)	82 x 315 x 69 mm	
3. Mounting plate (WxHxTHK)	76 x 212 x 5 mm	
4. Striking plate (WxHxTHK)	41.5 x 240 x 190 mm	
5. Striking box (WxHxD)	24 x 240 x 190 mm	
6. Mortise lock (WxHxD)	24 x 240 x 110 mm	
7. Key card / Key tag	2 key cards, 2 key tags	
8. Handle spindle (WxHxD)	96 x 8 x 8 mm	
9. Lock pin for spindle	1 pc	
10. Mechanical key	3 pcs	
11. Bluetooth module (BT3L)	1 pc	
12. Screw pack	1 set	For door thickness 35-50 mm
13. User manual		
14. Installation template		

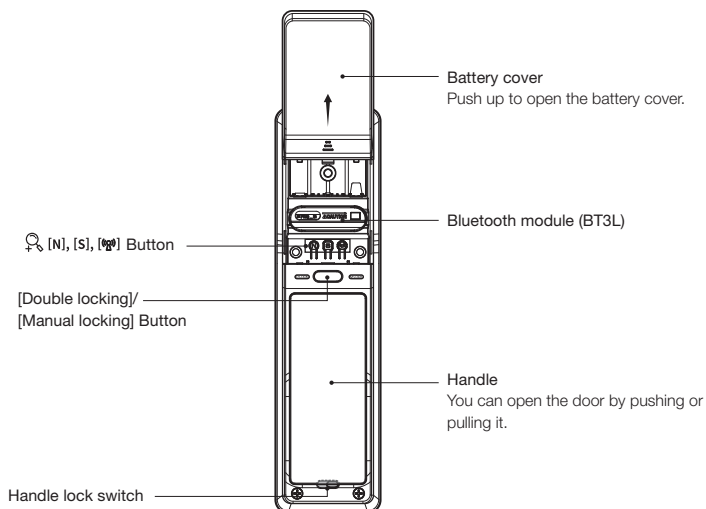


Product overview

• External handle module



• Internal handle module





✓ Factory default settings

Settings	Factory default
Locking mode	Auto lock (Deadbolt will not come out after closed the door, if you not register the first PIN code)
System mode	Normal mode
Voice guide volume	3 level (Maximum)
Operation volume	8 level (Maximum)

✓ Symbol meaning



[N] button
*Normal mode



Tap fingerprint on the finger sensor



[S] button
*Safety mode



Keep pressing the button for
3 seconds



[*] button



[#] button



Touch keypad to activate lock



[Communicate function]
button

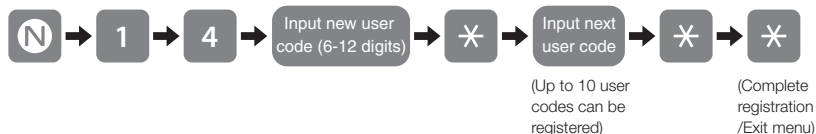


Tap key card on the card reader



How to set in Normal mode

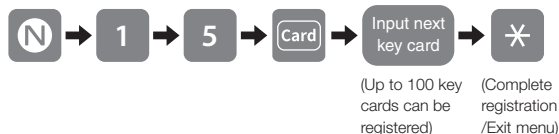
How to register user PIN code



CAUTION

1. Up to 10 user PIN codes can be registered.
2. The existing PIN codes will be deleted whenever you register a new one.
3. At any time you can exit the menu by pressing "*" key.
4. Please register PIN code first, otherwise lock will not locked when you close the door.***

How to register user key card



CAUTION

1. Up to 100 user key card can be registered.
2. The existing key cards will be deleted whenever you register a new one.
3. At any time you can exit the menu by pressing "*" key.

How to register user fingerprint



CAUTION

1. Up to 100 user fingerprints can be registered.
2. The existing fingerprints will be deleted whenever you register a new one.
3. At any time you can exit the menu by pressing "*" key.



✓ How to set in Normal mode

How to delete all key cards



⚠ CAUTION

1. This operation will delete all the key cards data.
2. At any time you can exit the menu by pressing "*" key.

How to delete all fingerprints



⚠ CAUTION

1. This operation will delete all the fingerprints data.
2. At any time you can exit the menu by pressing "*" key.



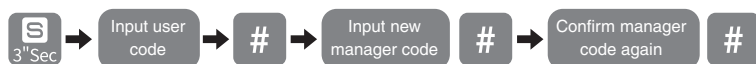
How to change Normal mode / Safety mode (Manager mode)

What is the Normal mode and Safety mode

1. Normal mode is the standard security mode, easy to use for the new user.
2. Safety mode is the high security mode with manager function added, provides individual register and delete function which is not has in the normal mode.

***Important:** When switch between normal mode and safety mode all registered data will be deleted, please do register all the data again.

Change from Normal mode to Safety mode



CAUTION

1. Please do not forget manager PIN code.
2. Please do factory reset in case you have forgot the manager PIN code and manager key card.
3. At any time you can exit the menu by pressing "***" key.

***Important:** When switch between normal mode and safety mode all registered data will be deleted, please do register all the data again.

Change from Safety mode to Normal mode



CAUTION

1. Please do not forget manager PIN code.
2. Please do factory reset in case you have forgot the manager PIN code and manager key card.
3. At any time you can exit the menu by pressing "***" key.

***Important:** When switch between normal mode and safety mode all registered data will be deleted, please do register all the data again.

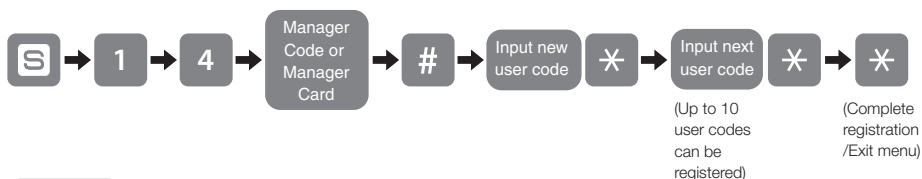


✓ How to set in Safety mode (Manager mode)

⚠ CAUTION

1. Safety mode is the high security mode with manager function added, provides individual register and delete function which is not has in the normal mode.
2. Please do not forget manager PIN code.
3. Please do factory reset in case you have forgot the manager PIN code and manager key card.
4. At any time you can exit the menu by pressing "*" key.

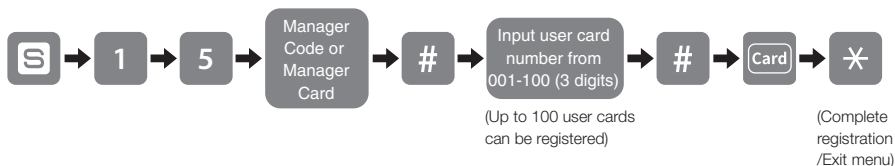
How to register user PIN code (In safety mode)



⚠ CAUTION

1. Up to 10 user PIN codes can be registered.
2. The existing PIN code will be deleted whenever you register a new one.

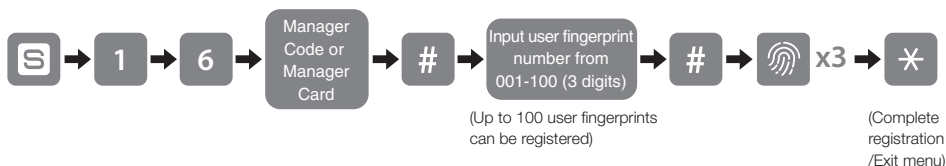
How to register user key card (In safety mode)



⚠ CAUTION

- Up to 100 user key cards can be registered.

How to register user fingerprint (In safety mode)



⚠ CAUTION

- Up to 100 user fingerprints can be registered.



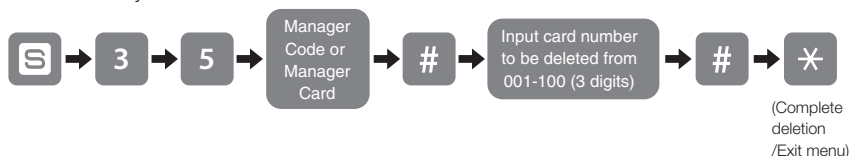
✓ How to set in Safety mode (Manager mode)

How to delete user key card (In safety mode)

Delete all key cards



Delete one key card

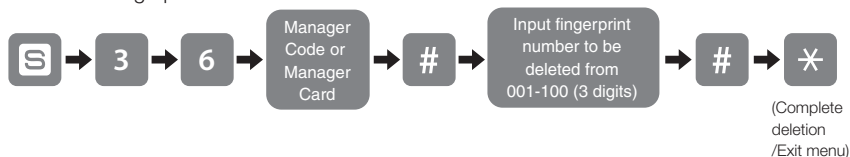


How to delete user fingerprint (In safety mode)

Delete all fingerprints



Delete one fingerprint



How to modify manager PIN code (In safety mode)



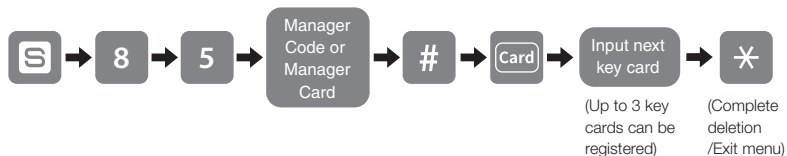
⚠ CAUTION

1. Only 1 manager PIN code can be registered.
2. The existing manager PIN code will be deleted whenever you modify a new one.



✓ How to set in Safety mode (Manager mode)

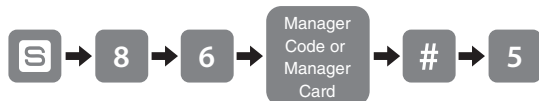
How to register manager key card (In safety mode)



⚠ CAUTION

1. Up to 3 manager cards can be registered.
2. The existing manager card will be deleted whenever you register a new one.

How to delete all manager key cards (In safety mode)



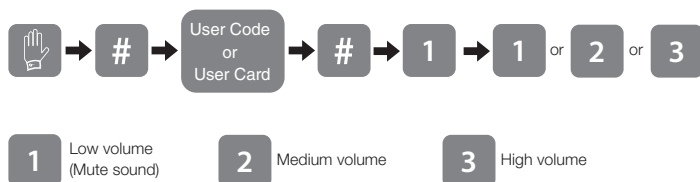


Additional setting

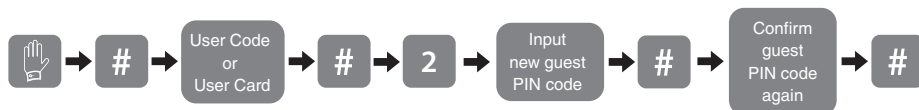
CAUTION

1. This menu setting will allow you to set up such as Voice guide volume, Guest PIN code, Operation volume, Status checking, Check battery capacity, Auto-Manual locking mode
2. At any time you can exit the menu by pressing "***" key.

How to control voice guide volume



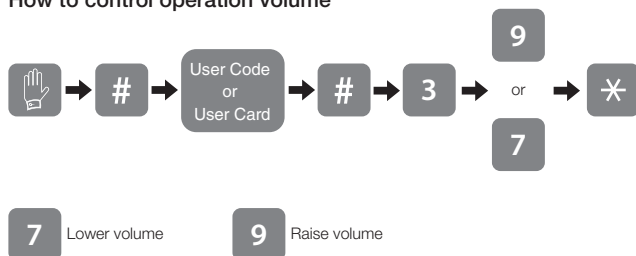
Guest PIN code (One time PIN code)



CAUTION

Only 1 Guest PIN code can be registered.

How to control operation volume



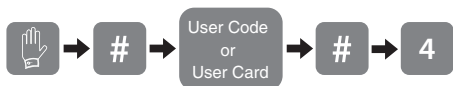
CAUTION

1. There are 8 steps can be set.
2. When lower volume to the step 1, operation sound will be muted.



Additional setting

How to check the status of the lock

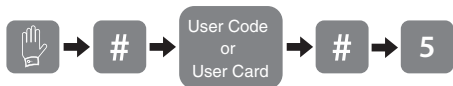


CAUTION

After do this step, the device will query lock system as following.

1. Status of Safety mode or Normal mode.
2. Number of registered user PIN code.
3. Number of registered user key card.
4. Number of registered user fingerprint.
5. Battery level.
6. Status of Auto or Manual locking mode.

How to check battery level



How to change auto / manual locking mode



5 Auto locking mode

6 Manual locking mode

How to change language



1 English

2 Chinese

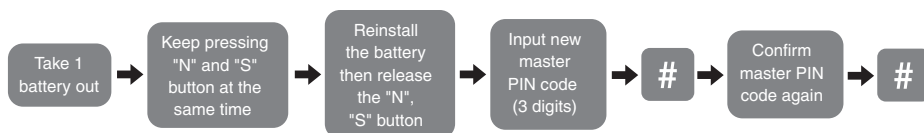


Master mode

CAUTION

1. Master mode has benefit for suspend / release user's data and for restoring to factory settings.
2. Please do not forget master PIN code.

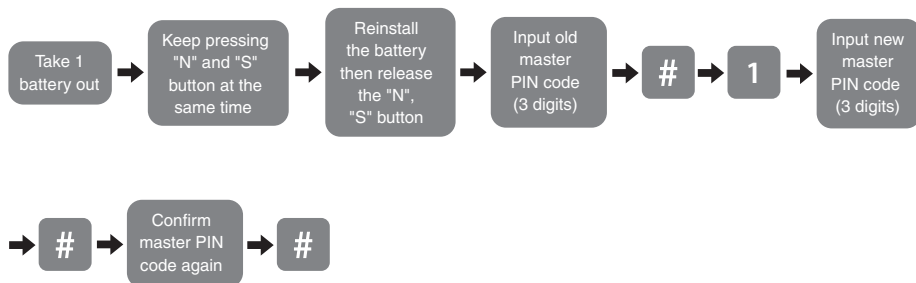
How to register master PIN code



CAUTION

1. Only 1 Master PIN code can be registered. Even new master PIN code is registered, user PIN code or key cards are not deleted.
2. Please do not forget master PIN code.

How to change master PIN code



CAUTION

1. Only 1 Master PIN code can be registered. Even new master PIN code is registered, user PIN code or key cards are not deleted.
2. Please do not forget master PIN code.



✓ Master mode

How to suspend / release user data



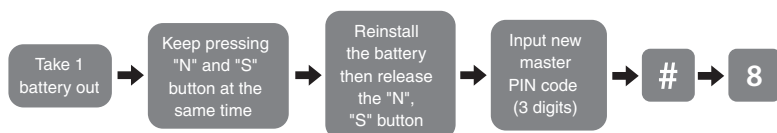
7 Holding mode

9 Release mode

⚠ CAUTION

1. This is a function that allows the landlord to turn off the digital door lock to prevent the tenant from using the house when the tenant fails to pay the monthly rental.
2. All user data even application are not allowed to use in this holding mode.

How to restore to factory settings



⚠ CAUTION

1. Only 1 Master PIN code can be registered. Even new master PIN code is registered, user PIN code or key cards are not deleted.
2. Please do not forget master PIN code.
3. If you forget the master code, the lock cannot be reset to factory settings. Please contact Häfele's after-sales service for assistance. We'll need to replace the lock parts to delete all the previous user data and reset it to factory settings. Additional charges for parts and service will apply***



Bluetooth module is smart device management to work with application "Hafele Smart Living". Beside you can connect Bluetooth connection with our Multimode Gateway (Model: HSL-GW02) to operate the lock remotely. (Optional)



Set up Bluetooth connection with Smart phone APP

Please carefully do the following steps to connect digital door lock with application "Hafele Smart Living"

Install "Hafele Smart Living" APP

1. Download Application "Hafele Smart Living" from the App Store and Play Store.



2. Turn on the phone's Bluetooth and open the APP.
3. Sign up App's account by email or log in if you already have an account.
4. Do this following step to activate Bluetooth connection of the lock.



5. Click "Add device", after that APP will show the available lock on the top with the "Add" icon.
6. Click "Add", after the Bluetooth connection is established, click "Done" to finish the pairing process.



Add the access data via APP

1. Turn on the phone's Bluetooth and open the APP.
2. Click "Member Management" icon, then choose the account.
3. Choose the access type to be added (Fingerprint, PIN code, Key card) then do the following step that show on the phone's screen.



1. You must be within range of the lock's Bluetooth connection.
2. The door must be opened while doing this step.



Delete the access data via APP

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "Member Management" icon, then choose the account.
3. Choose the access type to be deleted (Fingerprint, PIN code, Key card), then click "Delete".

CAUTION

1. You must be within range of the lock's Bluetooth connection.
 2. The door must be opened while doing this step.
-



Add the temporary PIN code via APP

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "Temporary PIN code" icon.
3. Choose the code type, there are code types as follows
 - Time-Limited
 - One-Time
 - Dynamic
 - Clearing
 - Custom
4. The app will generate the PIN code and you can send it to another person

CAUTION

1. Up to 25 temporary PIN codes can be registered.
 2. You can create the dynamic PIN code from anywhere.
 3. The dynamic PIN code is valid for 5 minutes only.
-



Change Auto / Manual locking mode

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "More" icon.
3. Click the button to Turn on / Turn off Auto lock (Turn off means manual locking mode)

CAUTION

You must be within range of the lock's Bluetooth connection.



Adjust operation volume

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "More" icon.
3. Click the "Buzzer Volume"
4. Choose the level of the volume (From step 1-8)
5. Click "OK"

CAUTION

1. You must be within range of the lock's Bluetooth connection.
2. When lower volume to the step 1, operation sound will be muted.



Adjust voice guide volume

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "More" icon.
3. Click the "Voice Volume"
4. Choose the level of the volume (Mute - Medium - High)
5. Click "OK"

CAUTION

You must be within range of the lock's Bluetooth connection.



Change voice guide language

1. Turn on the phone's Bluetooth and open the APP.
2. Click the "More" icon.
3. Click the "Voice Language"
4. Choose the language (Chinese - English)
5. Click "OK"

CAUTION

You must be within range of the lock's Bluetooth connection.



Additional feature

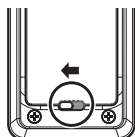
Privacy mode (Double locking mode)



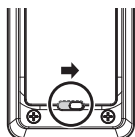
When door is locked, long press [Double locking button], When privacy mode is activated, the door cannot be opened from outside with PIN code, Key card or Fingerprint. Only mechanical key can open the door.

To cancel this function, press [Double locking button] 1 time or push or pull the handle to open from inside.

Safe handle switch

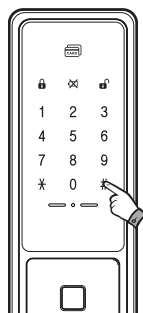


The Handle lock is activated. (Red)



The Handle lock is deactivated. (Green)

Silent mode (For one time opening)



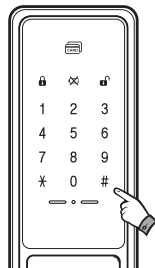
When door is locked, long press [# button] to enable silent mode then you can unlock the door from outside without any sound.



Open & Lock the door

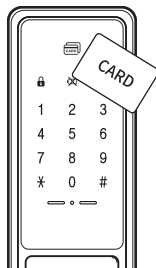
How to open the door from outside

PIN code



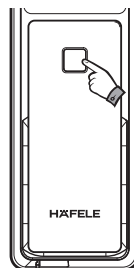
1. Touch keypad by palm to lighten keypad.
2. Enter the enrolled PIN code with end of [*].
Voice prompt "Door is opened".
3. Push or pull the handle to open the door.

Key card



1. Tap the enrolled key card on the Key card icon area. Voice prompt "Door is opened".
2. Push or pull the handle to open the door.

Fingerprint



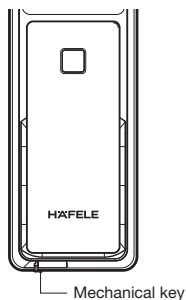
1. Place the enrolled fingerprint on finger sensor. Voice prompt "Door is opened".
2. Push or pull the handle to open the door.

Random security coding function

A random number can be added before the real user PIN code.
This feature will prevent the real user PIN code from being exposed.



Open & Lock the door

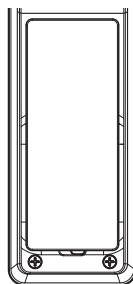


Mechanical key

Insert the key into key hole and rotate it with proper angles. Then push or pull handle to open the door.

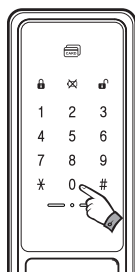
The mechanical key also able to lock the door in case the lock is ran out of battery.

How to open the door from inside



Push or pull handle to open the door.

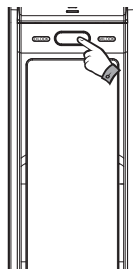
How to lock the door from outside



Auto locking mode: When the door is closed, it will be locked automatically.

Manual locking mode: When the door is closed, press [0] button to lock the door

How to lock the door from inside



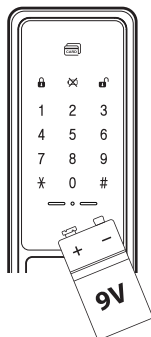
Auto locking mode: When the door is closed, it will be locked automatically.

Manual locking mode: When the door is closed, press [manual locking] button to lock the door



✓ Service feature

9V Emergency power supply



When the battery voltage is too low and the door cannot be opened from outside, please connect a 9V battery power supply at the front. Then unlock the door and replace all batteries immediately.

Reboot button



Press the reboot button to restart the lock when the system is unresponsive, no user data is deleted.



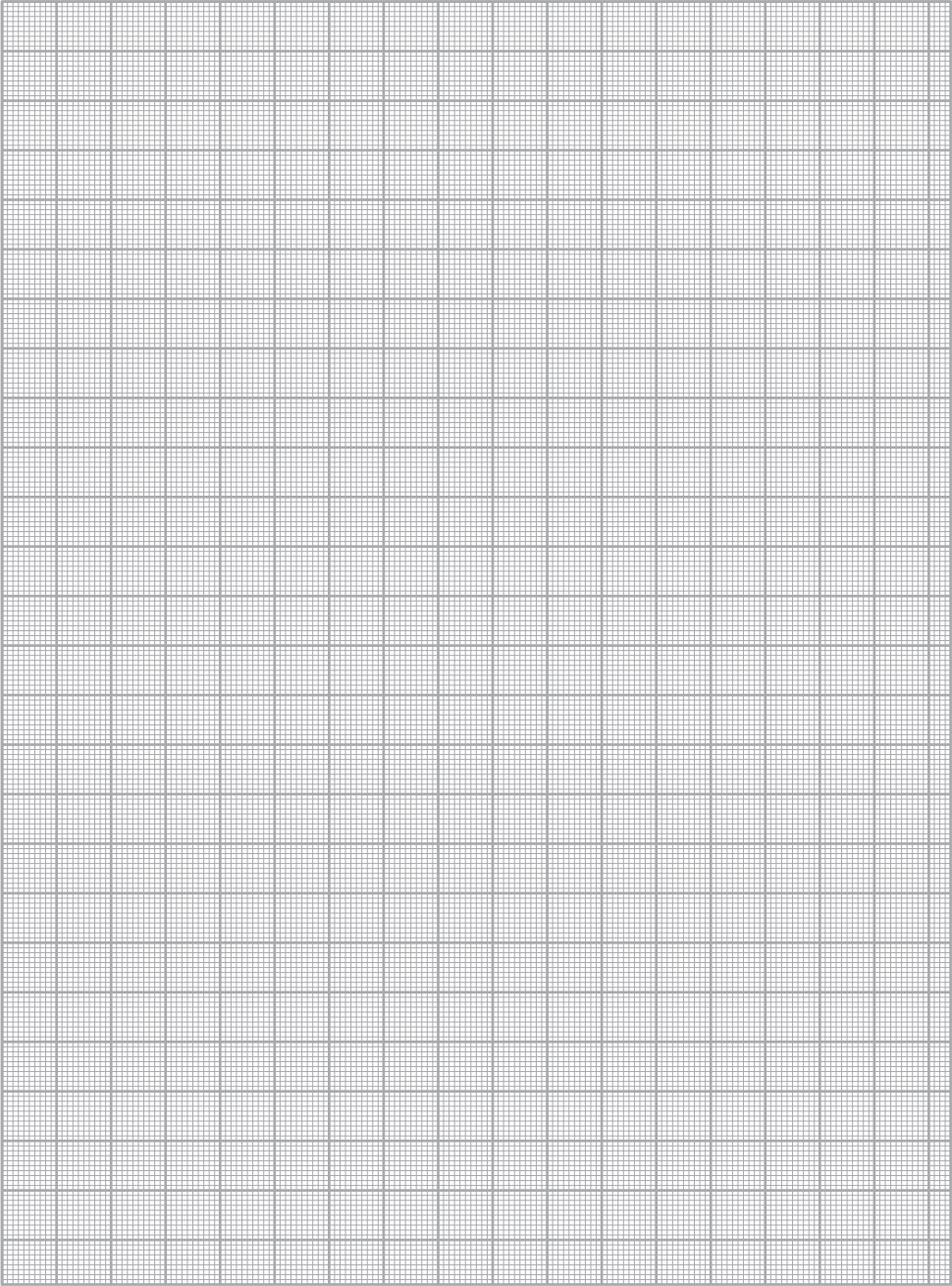
Trouble shooting

Problem	Solution	Page
Door lock has no power	- Make sure all batteries are installed properly	-
	- Replace all 4 batteries	-
	- Check for battery leakage	-
	- Connect a 9V battery to the external power connector to operate the lock	27
	- Unlock the door by mechanical key	26
Forgot manager PIN code	- Restore to factory setting	20
After entering PIN code + '*' button, the door does not open	- Make sure that you input the correct PIN code	-
Enter PIN code/ key card/ fingerprint but the door does not open	- Privacy mode may be activated	24
	- Open by mechanical key	26
	- Connect a 9V battery to the external power connector to operate the lock	27
	- Please contact Hafele service center	-
Auto locking mode does not work	- Make sure auto locking mode is activated	18
	- If the low battery warning is activate, please replace all batteries and try again.	-
Cannot connect Bluetooth to the Hafele Smart Living application	- Make sure the Bluetooth module is installed properly	-
	- Turn on Bluetooth on smart phone	-



Product specification

Topic	Solution	Description
Installation requirement	Door thickness	35-50 mm
Access function	Fingerprint	Up to 100 fingerprints
	Key card	Up to 100 key cards
	PIN code	Up to 10 PIN codes
	One time PIN code	1 PIN code
Main power supply	DC 6V	LR6 1.5V AA size alkaline battery 4 ea (Not included)
Emergency power supply	DC 9V	9V battery (Not included)



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