Assurance Provisions

1. We will repair or replace free of charge if a defect appears within 2 years from the date of receipt or packing list at time of purchase. Please keep the receipt or the packing list with the following warranty.
2. Please contact distributor when you require repair or replacement within the warranty period.
3. We are not responsible for the following defects.
(1) Defect occurred from the incorrect usage or maintenance
(2) Defect occurred when it is used for improper purposes or when it is used improperly
(3) Defect occurred from natural disasters and other events of force majeure storm/heavy rain/high tide water/lighting/tsunami/volcano eruption/flood/ land sinking/fire/turmoil etc.
(4) Defect occurred from installation, repair, or remodeling, including disassembling of necessary parts and assembling other companies' parts, by unauthorized people such as people who are not our company, not authorized store (service store) or user
(5) Dew condensation, corrosion or other defects occurred from natural environment or living environment surrounding the product
(6) Defect caused by other companies' parts
(7) Defect or damage caused by illegal acts such as crime
(8) Aging change or aging deterioration of parts/product such as abrasion during usage, transformation, or change in color, rust, getting moldy, or other defects
(9) Phenomenon it is impossible to foresee with the existing technology in practice or defect caused by such phenomenon

Please contact distributor when you require repair or replacement. The warranty below is required.
* We are not responsible for battery as it is consumable part.
* We charge for repair or replacement after the warranty period.
* This does not limit a customer's legal rights. Please contact distributor if you have any question about repair after the warranty period.
* The target of the warranty is the first purchase only. We do not reissue warranty. Please keep this carefully.
* We use personal information provided under this document only for contact/notice of related after–sale service.

Warranty

SN	
Model	
Customer name	Tel NO.	
Customer address	

Distributor's name / Contact	Date of purchase
	d/ m/ y
	Warranty period
	From the purchase

ALPHA Corporation
1–6–8 Fukuura Kanazawa Yokohama Kanagawa 236–0004 Japan
Tel : +81–45–787–8430

ALPHA
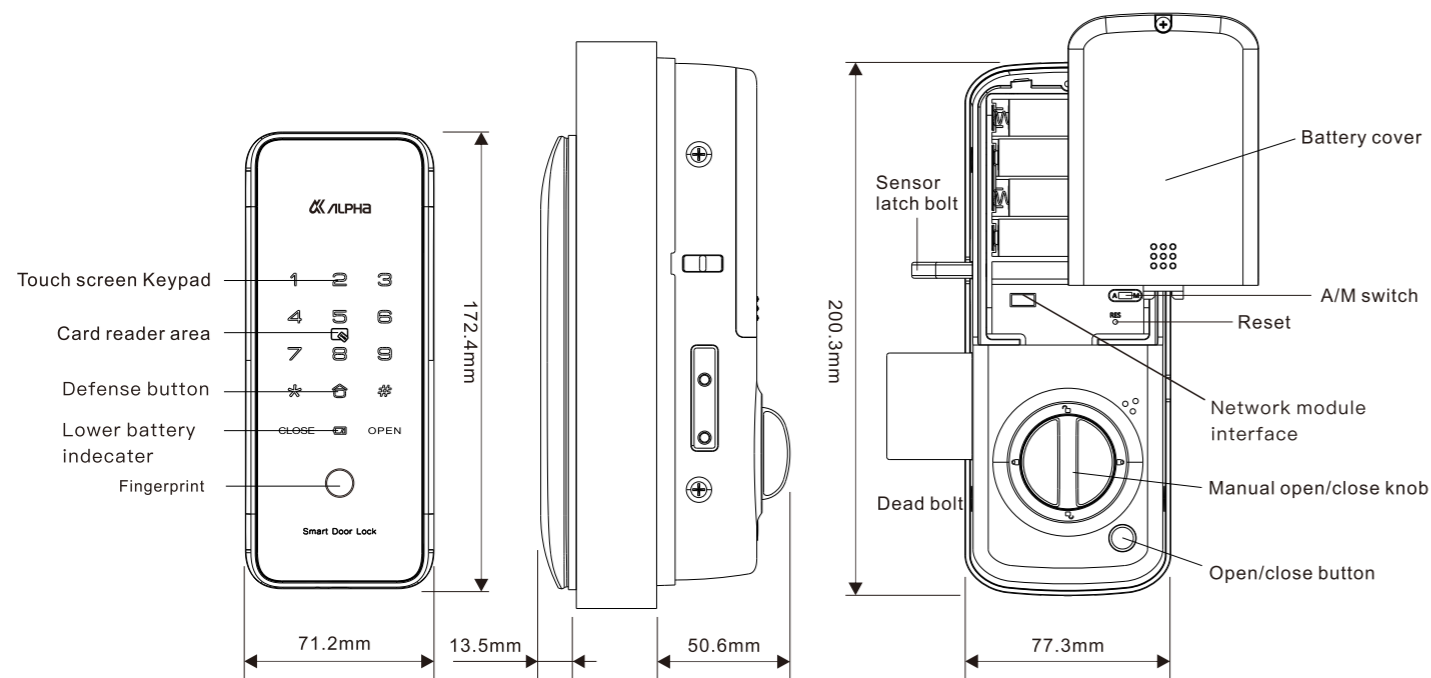Innovation for Access

DIGITAL LOCK α R1
User Manual

All design and specifications are subject to change without notice

Warnings

* Read and understand all instructions before you use your product.
* If damage is caused by failure to follow instructions, the warranty does not apply.
* Only use the alkaline batteries.
* Do not expose the product and accessories to rain or water.
* Do not expose the product to corrosive substances so as not to damage the protective cover.
* Do not scrape the fingerprint sensor with sharp objects, otherwise it may cause permanent damage.
* When cleaning the product, please wipe with a soft cloth.
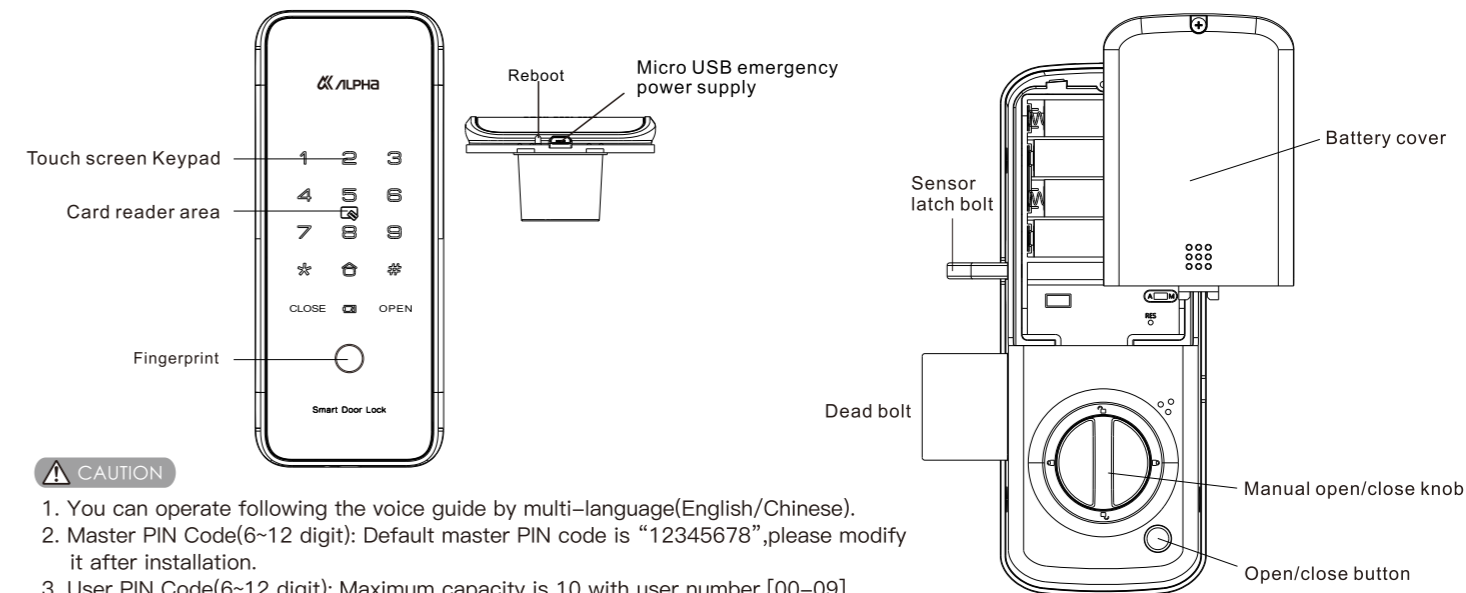* If there is a low battery alert, please replace all the batteries in time and make sure they are properly installed.

Overview

Touch screen Keypad
Card reader area
Defense button
Lower battery indecater
Fingerprint
172.4mm
Battery cover
Sensor latch bolt
A/M switch
Reset
Network module interface
200.3mm
Manual open/close knob
Dead bolt
Open/close button

71.2mm   13.5mm   50.6mm   77.3mm

Outside escutcheon   **Inside escutcheon**

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Programming

Touch screen Keypad
Card reader area
Fingerprint
Reboot
Micro USB emergency power supply
Sensor latch bolt
Battery cover
Dead bolt
Manual open/close knob
Open/close button

⚠ CAUTION

1. You can operate following the voice guide by multi-language(English/Chinese).
2. Master PIN Code(6~12 digit): Default master PIN code is "12345678",please modify it after installation.
3. User PIN Code(6~12 digit): Maximum capacity is 10 with user number [00-09].
4. Temporary user PIN code (6-12 digit): there is only one temporary user PIN code.
5. Fingerprint:Maximum capacity is 100 with user number [00-99].
6. Card: Maximum capacity is 100 with user number [00-99].

Definitions

Master Mode:
The Master Mode could be entered by entering "#+Master PIN Code+#" to programming the lock.

Master PIN code:
The Master PIN Code is used for unlock,programming and setting feature.The default Master PIN code[12345678] is required to be changed immediately after enter the menu for the first time.

Auto locking:
After unlocking successful by PIN Code/Fingerprint/Card/APP, it will automatically locking in auto mode once the door is closed.

Manual Mode:
Auto mode could be adjusted to Manual Mode. In Manual Mode the lock could be locked by verifying user PIN code/fingerprint/card from outside or using thumb turn or CLOSE/OPEN button from inside.

Shutdown Time:
The lock will shutdown for a default of 100 seconds and not allow operation after the wrong code entry limit (5 times) in 5 mintues has been met. When the unit is in shutdown, the screen will flash when you are trying to use keypad.

Silent Mode:
Enabling Silent Mode shuts off the code confirmation tone playback for use in quiet areas. Silent mode is selected in the voice setting of Master Mode.

Status LED:
Located on outside escutcheon.

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Wrong Code Entry Limit:
When entering 5 times a wrong user PIN code/fingerpint and card in 5 minutes, the lock is suspended 100 seconds. After that the lock will activate again. While the lock is suspended, the system will alarm when you are trying to use keypad.
Reboot button:
When the system crash down, the lock could be restart by pressing Reboot button on outside escutcheon.
Reset button:
After reset operation, the lock will be restored to factory default settings, all user credentials will be deleted. Refer to reset guide.
Privacy mode:
After holding the CLOSE/OPEN button for 3 seconds, the lock will be set to Privacy mode, it restricts all user PIN code/Fingertprint/Card, except Master PIN code. This feature will disabled automatically after entering Master PIN Code access from outside, or someone unlock the unit by using thumb turn.

Factory Default Settings

Settings	Factory Defaults
Master PIN Code	12345678
Auto Locking	Enabled
Speaker	Enabled
Wrong Code Entry Limit	5 times
Shutdown Time	100 seconds
Voice guide language	English
Bluetooth	Enabled

Lock Operation

–Change Master PIN code

1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#". Lock Response: Voice guide
3. Enter "1" to change Master PIN code. Lock Response: Voice guide
4. Enter new 6–12 digit Master PIN Code with the end of "#". Lock Response: Voice guide
5. Enter above new 6–12 digit Master PIN code again with end of "#". Lock Response:Voice guide

–Add User PIN Codes

User PIN codes can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "2" for user settings. Lock Response: Voice guide.
4. Enter "1" to add user PIN code. Lock Response: Voice guide.
5. Enter the new user PIN code(6–12 digitals), and confrim with"#"key. Lock Response:Voice guide.
6. Re–enter the new user PIN code(6–12 digitals), and confrim with "#"key. Lock Response: Voice guide.

⚠ Caution

1.When registering User PIN Codes, the code must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Add Temporary User PIN Code

Temporary user PIN code can be programmed through the master PIN code.
1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "2" for user settings. Lock Response: Voice guide.
4. Enter "2" to add temporary user PIN code. Lock Response: Voice guide.
5. Enter temporary user PIN code (6–12 digits), and confirm with "#" key. Then enter above temporary user PIN code again, and confirm with "#" key.

⚠ Caution

1.When registering temporary user PIN code, the temporary user PIN code must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Add Fingerprint

Fingerprint can be programmed through the master PIN code.
1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "2" for user settings. Lock Response: Voice guide.
4. Enter "3" to add fingerprint. Lock Response: Voice guide.
5. Place your fingerprint on the fingerprint scanner, and follow the voice guide.

⚠ Caution

1.When registering fingerprint, the fingerprint must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Add User Card

User card can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "2" for user settings. Lock Response: Voice guide.
4. Enter "4" to add user card. Lock Response: Voice guide.
5. Place your card on the card icon area until voice prompt "setting succeed".

⚠ Caution

1.When registering user card, the card must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Delete User PIN Code

User PIN codes can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "3"to delete user. Lock Response: Voice guide.
4. Enter "1" to delete user PIN code. Lock Response: Voice guide.
5. Enter "1" to delete the user PIN code you do not want. Lock Response:Voice guide.
   Enter 2 digital user number [00–09] , and confirm with "#" key. Lock Response: Voice guide.
OR
4. Enter "2" to delete all user PIN code. Lock Response:Voice guide.

⚠ Caution

1.When deleting User PIN Codes, the User Number must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Delete Temporary User PIN Code

Temporary user PIN code can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "3"to delete user. Lock Response: Voice guide.
4. Enter "2" to delete temporary user PIN code. Lock Response: Voice guide

⚠ Caution

1.When deleting temporary user PIN code, the number must be entered within 15 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Delete Fingerprint

Fingerprint can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "3"to delete user. Lock Response: Voice guide.
4. Enter "3" to delete user fingerprint. Lock Response: Voice guide.
5. Enter "1"to delete the user fingerprint you do not want. Lock Response: Voice guide.
   Enter 2 digital user fingerprint number [00–99] , confirm with "#" key or place user fingerprint to be deleted. Lock Response: Voice guide.
OR
4. Enter "2" to delete all user fingerprints. Lock Response: Voice guide.

⚠ Caution

1. When deleting User fingerprint, the fingerprint must be entered within 15 seconds or time expires.
2. No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Delete User Card

User card can be programmed through the Master PIN Code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "3"to delete user. Lock Response: Voice guide.
4. Enter "4" to delete user card. Lock Response: Voice guide.
5. Enter "1"to delete the user card you do not want. Lock Response:Voice guide.
   Enter 2 digital user number [00–99] , confirm with "#" key or place user card to be deleted. Lock Response: Voice guide.
OR
4. Enter "2" to delete all user card. Lock Response:Voice guide.

⚠ Caution

1. When deleting User card, the number must be entered within 15 seconds or time expires.
2. No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

–Language Setting

Language setting can be programmed through the Master PIN code.
1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "4" for system setting. Lock Response: Voice guide.
4. Enter "1" for language setting. Lock Response: Voice guide.
5. Enter "1 or 2" to select voice guide language (1–Chinese/2–English)

–Volume Setting

Volume setting can be programmed through the Master PIN code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "4" for system setting.Lock Response: Voice guide.
4. Enter "2" for volume setting.Lock Response: Voice guide.
5. Enter "1 or 2" or "3" to adjust the volume (1–High volume/2–Low volume/3–Silent mode).

⚠ Caution

No matter which volume is set, the volume under master mode is always the high one.

–Opening Mode Setting

Opening mode setting can only be programmed through the Master PIN code.
1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "4" for system setting. Lock Response: Voice guide.
4. Enter "3" for opening method setting. Lock Response: Voice guide.
5. Enter "1" for normal mode (single verification), which means opening by PIN code, fingerprint or card.
OR
5. Enter "2" for security mode (double verification), which means opening by PIN code + card, PIN code + fingerprint, or card + fingerprint.

–Extended Function

It is reserved for the connection of remote control.

1. Touch the screen with your hand to activate.
2. Enter "#"and Master PIN Code with end of "#".
3. Enter "5" for extended function. Lock Response: Voice guide.
4. Enter "1" to join network; enter "2" to quit network. Lock Response.

⚠ Caution

For remote control settings, please refer to its instructions separately.

–System Query

1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "6" for system query.Lock Response: Voice guide.
4. Enter "1" to get unique serials number; enter "2" to get version number of firmware.

⚠ Caution

Shortcut: No need to access master mode, pressing [400#] can get the serials No. , and pressing [114#] can get the version No. .

–Bluetooth Setting

1. Touch the screen with your hand to activate.
2. Enter "#" and Master PIN Code with end of "#".
3. Enter "7" for Bluetooth setting. Lock Response: Voice guide.
4. Enter "1" to enable Bluetooth.
5. Enter "1" to connect Bluetooth; enter "2" to disconnect Bluetooth; enter "3" to disable Bluetooth.
OR
4. Enter "1" to connect Bluetooth; enter "2" to disconnect Bluetooth; enter "3" to disable Bluetooth.

⚠ Caution

1. The default setting for Bluetooth is enable.
2. Shortcut: No need to access master mode, entering [403#] to enable Bluetooth, and entering [404#] to disable Bluetooth.
3. When the Bluetooth is enabled, if you didn't use it for one week, it will disable automatically, then you can power–on again to enable it.

Menu Table

1.Modify Master PIN code

2.User Setting

3.Delete Users

4. System Setting

5. Extended Function

6. System Query

7. Bluetooth Setting

- Press[1] — Modify Master PIN code
- Press[2] —
  1.Add User PIN Code
  2.Add Temporary PIN Code
  3.Add Fingerprint
  4.Add User Card
- Press[3] —
  1.Delete User PIN Code
  2.Delete Temporary PIN Code
  3.Delete Fingerpint
  4.Delete User Card
- Press[4] —
  1. Language Setting
  2. Volume Setting
  3. Opening Method Setting
- Press[5] —
  1. Join Network
  2. Quit Network
- Press[6] —
  1. Query Serial No.
  2. Query Version No.
- Press[7] — 1. Enable Bluetooth or
  1. Connect Bluetooth
  2. Disconnect Bluetooth
  3. Disable Bluetooth

How to use

Open Door

1. Open from outdoor

PIN code
1.Touch pad screen by palm to lighten keypad
2.Enter the enrolled PIN code with the end of [#].
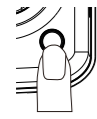
Card
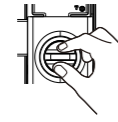Place the enrolled card properly on the card icon area until one beep sound

Fingerprint
Place the enrolled fingerprint properly on the fingerprint area until one beep sound

2. Open from indoor

CLOSE/OPEN button

Press CLOSE/OPEN button 2 times.

Thumb-Turn Knob

Turning thumb-turn knob into the position of unlock icon.
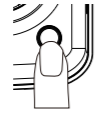
Close Door

1. Close door from outdoor

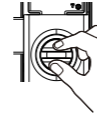**Auto Locking Mode:** In auto mode, the deadbolt will come out automatically after unlock.

Manual Locking Mode:

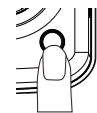Close the door and verity the PIN code/fingerprint/card to lock the door.

Press CLOSE/OPEN button 2 times to open

Turning thumb-turn knob into the position of lock icon

Enable Privacy Mode

When the door is closed, long press CLOSE/OPEN button for 3 seconds to enable privacy mode.
In privacy mode, all user PIN code /fingerprint /card will be prohibited, except Master PIN code and key. And if the device is unlocked from indoor , the alarm will be triggered until PIN code /fingerprint /card is verified successfully.

Defense Mode
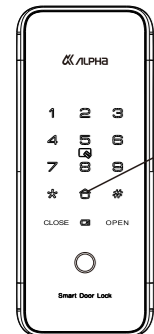
1. Enable: After door is locked, press [⌂] button to enable defense mode. In this mode,when the door is unlocked from inside, the alarm will be triggered.
2. Disable: Once the door is opened properly from outside, the defense mode will be disabled.

Auto/Manual Mode
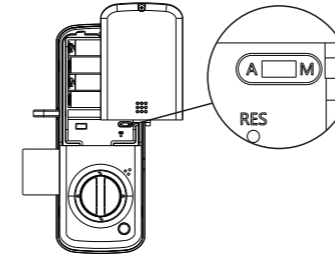
Auto/Manual Mode
1. Take out battery cover to find the A/M switch.
2. [A] means auto mode: when door is closed, the deadbolt will be drived out automatically, the door will be in locked status.
3. [M] means manual mode: when door is closed, the deadbolt will not be drived out, then the door will be in unlocked status.

⚠ CAUTION

In manual mode, when the door is closed, please verify user PIN code/fingerprint/card to lock the door from outside,or press the [CLOSE] button on back panel to lock from inside.
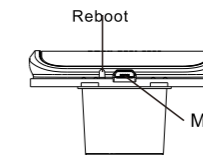
Fake PIN code

The random numbers can be added before and after the real PIN code, this prevents the user PIN code from being exposed. The maximum length is 32 digits.

Micro USB emergency power supply and Reboot button

Reboot
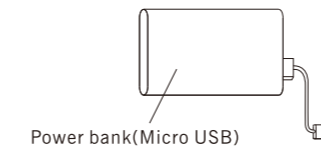
Power bank(Micro USB)

Micro USB emergency power supply

- When the battery voltage is too low to open the lock from outside, you can use 5V power bank to charge the door lock via Micro USB port. After the door is unlocked, please replace all batteries immediately.
- Pressing reboot button to restart the smart lock when system is crash down. And no user data will be deleted.

Reset to factory default settings

Operation Instructions:

1. Open battery cover and find the reset button.
2. Double click [RES] button, then voice prompt "Restored to factory settings. Change master PIN code."
3. After that all user data and settings will be deleted.