Since 1968

COMMAX
SmartHome & Security

User Manual

Lobby Camera Phone DRC-GUM/RF1

www.commax.com

COMMAX Co.,Ltd.

- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.

Table of Contents

1. Greeting 1
2. Safety Warning & Caution 2
3. Parts 4
4. Password type 8
5. How to input Password 9
6. Check house Password 12
7. Set building Number and ID to Lobby panel 13
8. RF card key appliances 15
9. How to set the direct Call number 24
10. Door release by internal information forwarding to SecuMAX way 25
11. Door opening hours setting 26
12. Line-by-line call function Setting 27
13. Call Tones selection 28
14. Setting the Number of Call Ring Repetitions 29
15. Door release by external information forwarding to SecuMAX way 30
16. Set to be forced opening the Main Entrance door by SecuMAX 31
17. Selecting the Wiring Method 32
18. Video Out Impedance Adjustment Setting 33
19. Registration of Household Unit Number 34
20. Checking Videophone Status of Household Units 36
21. Setting the Keypad LED Option 38
22. Activation of Electronic Key (Password) Function 39
23. Setting the Volume of Voice and Beep Sound 40
24. Method of name data sending 41
25. How to receive the name of the data 42
26. How to set the Video Floor Distributor(or CDV Converter) data 43
27. How to set the Audio Floor Distributor data 45
28. Setting the door release by building password 47
29. When you want to call a household 49
30. When you want to call a Guard Station 51
31. Door Release by Unit Password 51
32. Supplement (summary of various programs) 52
33. Wiring Information 54
34. Miscellaneous 58
35. Part list 58
36. Specifications and Features 58
37. RF-ID Model (Optional) 59

1. Greeting

* Thank you for purchasing a COMMAX product
* This product is a high tech Main Entrance interphone that supports electronic
  Please read this manual carefully.

2. Safety Warning & Caution

Please follow the things described below in order to prevent any danger or property damage.

Warning	It may cause a serious damage or injury if violated.
Caution	It may cause a minor damage or injury if violated.

	Prohibition.
	No disassembly
	No touch
	Must follow strictly.
	Shows plugging out the power cord without an exception
	Shows the warning and caution for an electric shock.
	Shows the warning and caution for a fire.

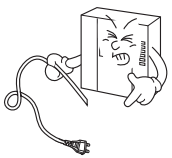
Warning

Power & Installation

Please dont use several products at the same time on one power socket.
It may cause a fire due to an abnormal overheating.

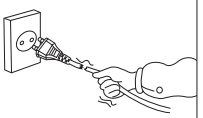
Prohibition Fire

Please dort bend the power cable excessively or it may cause an electric shock.
fire when using a damaged power cable.



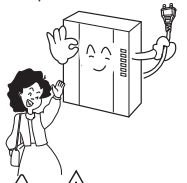
Prohibition Electric shock Fire

Please dort handle the power cable with a wet hand.
It may cause an electric shock.



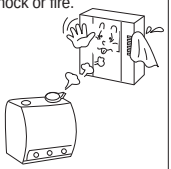
Prohibition Fire

Please plug out the power cable from the socket when not using it for a long period of time.
It may shorten the product lifespan or cause a fire.



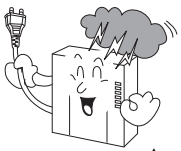
Request Fire

Please don t install the product in the place where there is much oil, smoke or humidity.
It may cause an electric shock or fire.



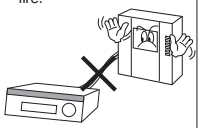
Prohibition Electric shock Fire

Please don t install the product with the lightening and thunder.
It may cause an electric shock or fire.



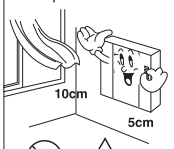
Prohibition Electric shock Fire

Please dort use and connect this product with other products with different rated voltage
It may cause a disorder or fire.



Prohibition Fire

When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.
It may cause a fire due to the increased internal temperature.

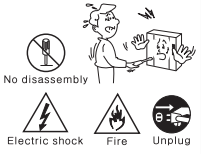


Prohibition Fire

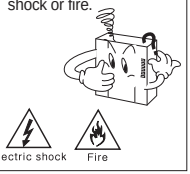
Warning

Cleaning & Use

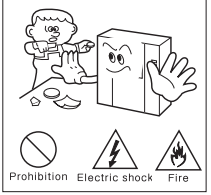
Please dont disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed.
It may cause an electric shock or fire.



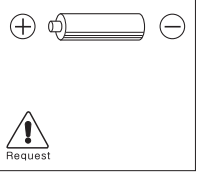
If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.
It may cause an electric shock or fire.



Please don t insert any metallic or burnable materials into the ventilation hole.
It may cause an electric shock or fire.



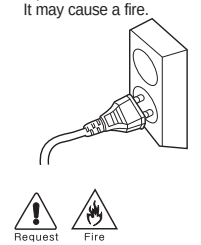
Please use only the designated batteries for the products of using DC power.
It may cause an electric shock or fire.



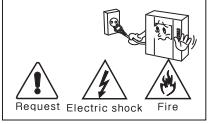
Caution

Power & Installation

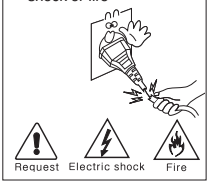
Please plug the power cable firmly into the inner end
It may cause a fire.



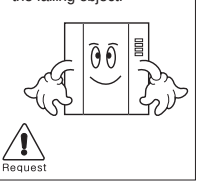
Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).
It may cause an electric shock or fire



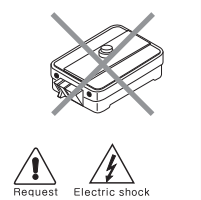
When connecting the power cables after cutting the cable, please install the product with power off
It may cause an electric shock or fire



When installing the product, please fix it firmly while using the wall-mounting unit and screws.
It may cause an injury from the falling object.

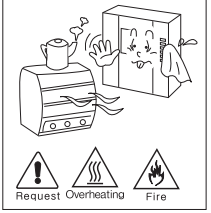


Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.

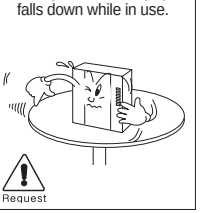


Please check the use voltage and current for the DC-only products and use the appropriate rectifier.
It may cause a fire.

Please avoid direct rays of the sun or heating devices at a time of installation.
It may cause a fire.



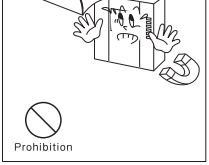
Please don t install the product on an unstable place or small support board.
It may cause an injury if it falls down while in use.



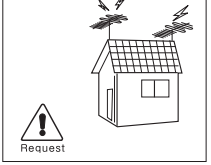
Cleaning & Use

When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don use any chemical products such as wax, benzene, alcohol or cleanser.)

Please dont drop the product on the ground and donapply a shock .
It may cause a failure.

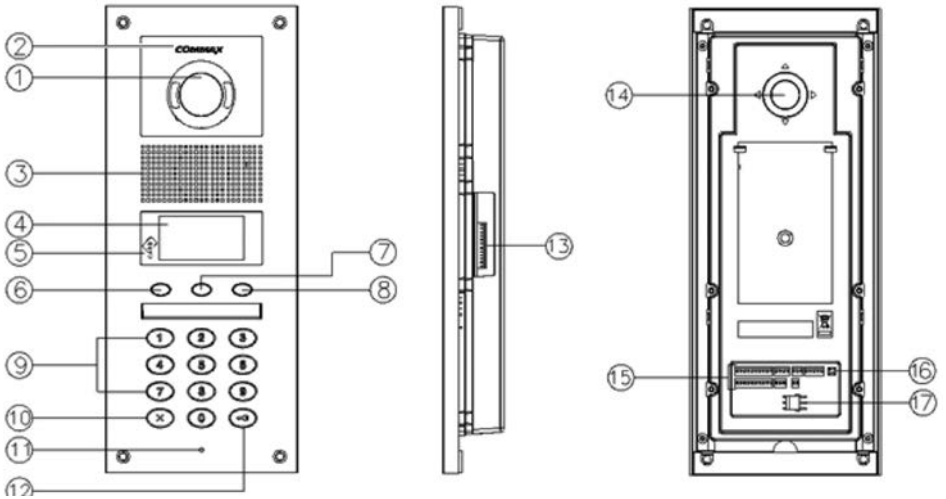


Please use the designated connection cable within the maximum calling distance designated for the product
It may reduce the product performance.



3. Parts

3-1. The name of parts

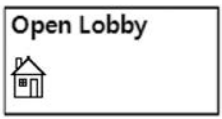


NO.	Description	NO.	Description
1	Camera	9	Number button
2	Night Lamp	10	Cancel Button
3	Speaker	11	C-MIC
4	OLED Display	12	Electric Key Button
5	RFID card receiver	13	Extension Port
6	Name Searching button / Menu Page Button	14	Camera angle
		15	Wire Connection Port
7	Program Button	16	Reset Button
8	Call Button	17	Door Release Port

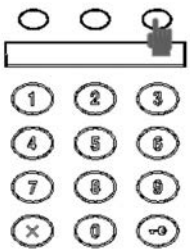
3-2. Important function

Starting OLED display (Power ON OLED display)

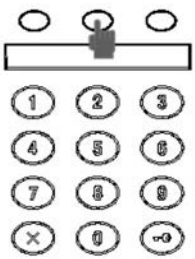
RF/ID Receiver (Optional)
When open door by wireless card key, please tag it to this points.(See bellow photo).
"Open door" message and Icon will be displayed in OLED.



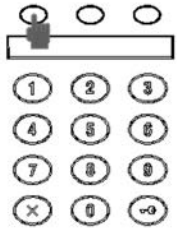
Call Button (E : Press)
Call unit (House).



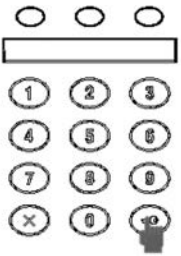
Program button (P : Program)
Call program menu button.



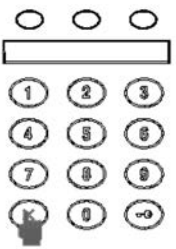
Name searching button (S : Search)
Tenants name searching button.



Electric key button (K : Key)
Open door by Password Number.
(Deactivate Password LOCK function only.)



Cancel button (X : Cancel)
When user wants to cancel function, press it.



Reset button
Reset security guard password or management office password.
When forgot password, press reset button which is on back side of products 15

(Press & Hold over 3 sec. after power on)

Call security

1. Press, name search button and call security which is top of the name list.
2. Press "9999" and press call button.

Must know before use.

1) If you hear "beep beep beep..."during any program modes, please restart from the beginning. The beep sounds for improper process.
2) If password is forgotten,
   2-1) Password for any household :
   Use the identifying household password function (6-1) to confirm the password (methods to confirm password shall be requested to the Management office or Security cPress).
   2-2) Password for any building:
   Reset the password by using Management password
   2-3) Password for Management
   Press "Reset Button"..
   The password will be reset to factory default.
3) Deleting All RF Card Keys function in "8-5" shall ONLY be used when the product is initially installed.

4. Password type

4-1. Password for the Management Office ("Management Password")
A password for the Manager
Factory default for the Manager Password is 4321.

4-2. Password for any buildings ("Building Password")
A common password for a corresponding building.
Factory default for the Building Password is 1234.

4-3. Password for any household units "Unit Password")
A password for each household unit can be set.
Factory default for the Unit Password is 1234.

<Reference>
*"P": Program Button * "K": Electronic Key Button * "E": Call Button

* Previous Password
Default password for Management Password is 4321
Building Password is 1234
Unit Password is 1234

* New Password
The password newly set.

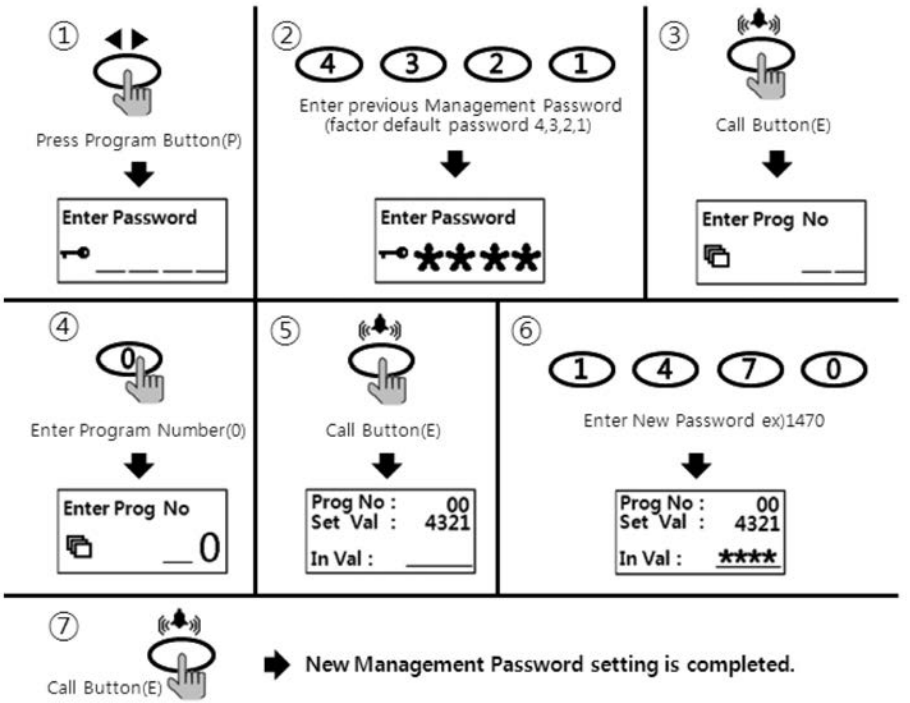
5. How to input Password

5-1. Press management Password

P - old Password - E - New Password - E

Password must be 4 digits.

"0000", "1234", "4321" can't be used as Password



Press program button (P).
Press old management default Password (4,3,2,1).
Press call button (E).
Press "0" (Set up management Password button)
Press call button (E).
Press new Password.
Press call button (E).
Management Password has been changed.

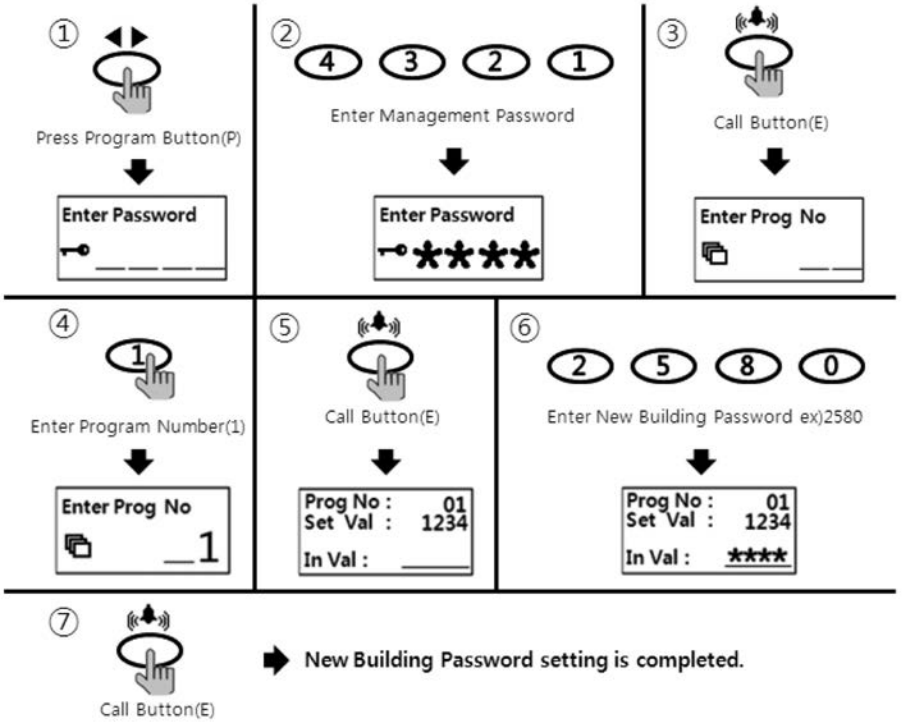
<Caution>
Please do not keep the factory default password. New password setting after the installation is strongly recommended.

5-2. Press building Password

P - old Password - E - 1 - E - New Password - E

Password must be 4 digits.

0000¡", "1234", "4321" can't be used as Password



Press program button (P).
Press old building default Password (4,3,2,1).
Press call button (E).
Press "1" (Set up building Password button)
Press call button (E).
Press new Password.
Press call button (E).
Building Password has been changed.

5-3. Press house (Unit) Password

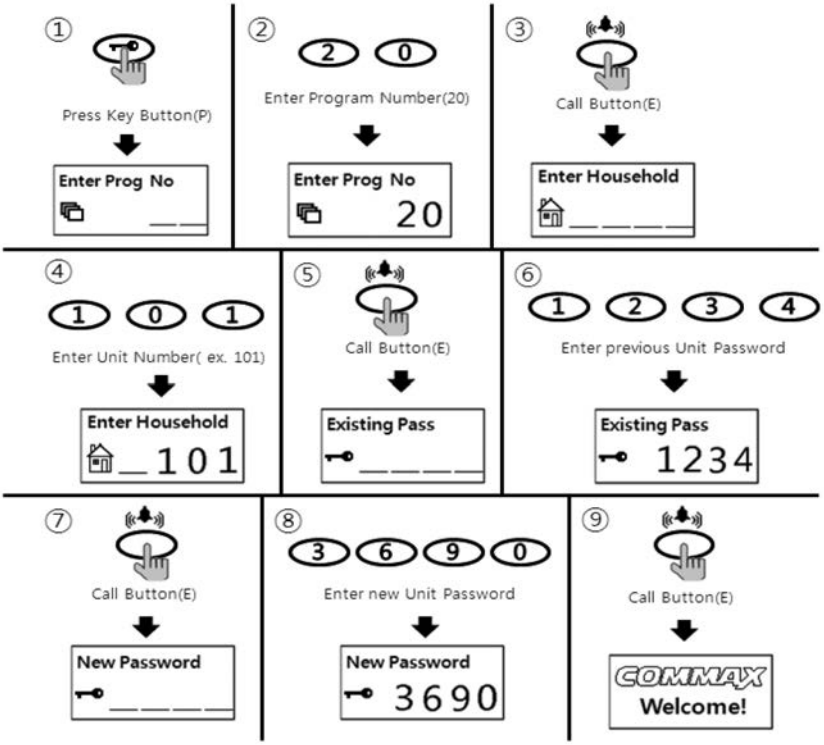
K - 20 - E- house Number - E- old Password - E - New Password - E

Password must be 4 digits.

0000", "1234", "4321" can't be used as Password

Unit Password no. may not be changed because of Interphone types.

(Some model of Interphone can change Password in house. Please, check manual of interphone)

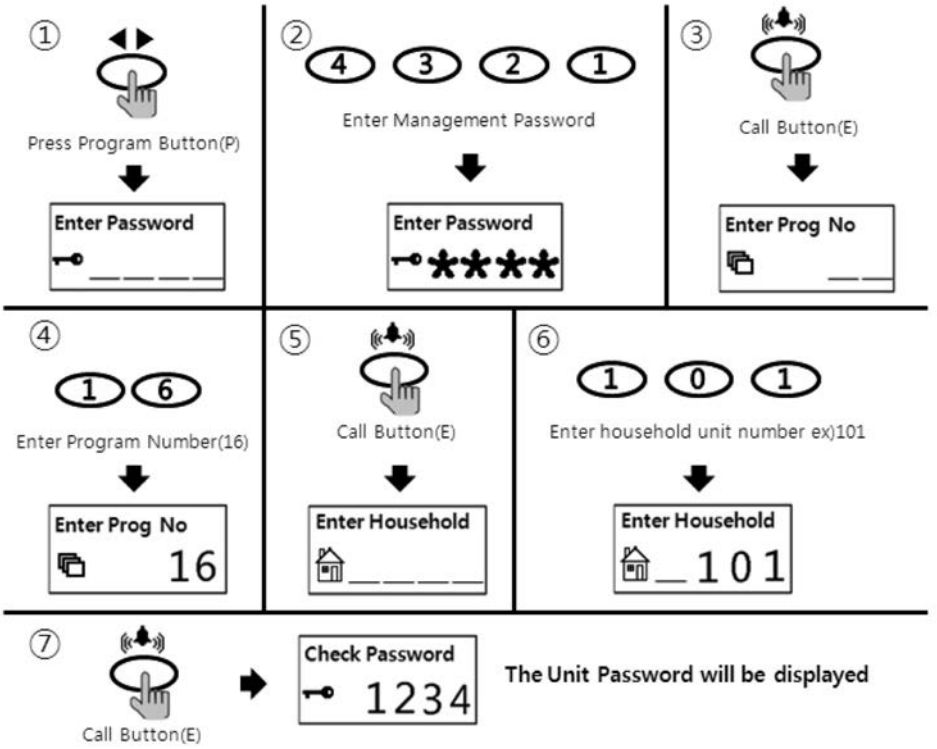


Press program button (K)
Press "20" (Set unit Password Number)
Press call button (E).
Press house Number
Press call button (E).
Press old house Password (4,3,2,1).
Press call button (E).
Press new house Password.
Press call button (E).
House Password has been changed.

6. Check house Password

6-1. Check house Password

P - management Password - E - 16 - E - Household Unit Number E



Press program button (P).
Press management Password.
Press call button (E).
Press "16" (Set ID Number function key)
Press call button (E).
Press new ID Number
Press call button (E).
ID Number has been changed.

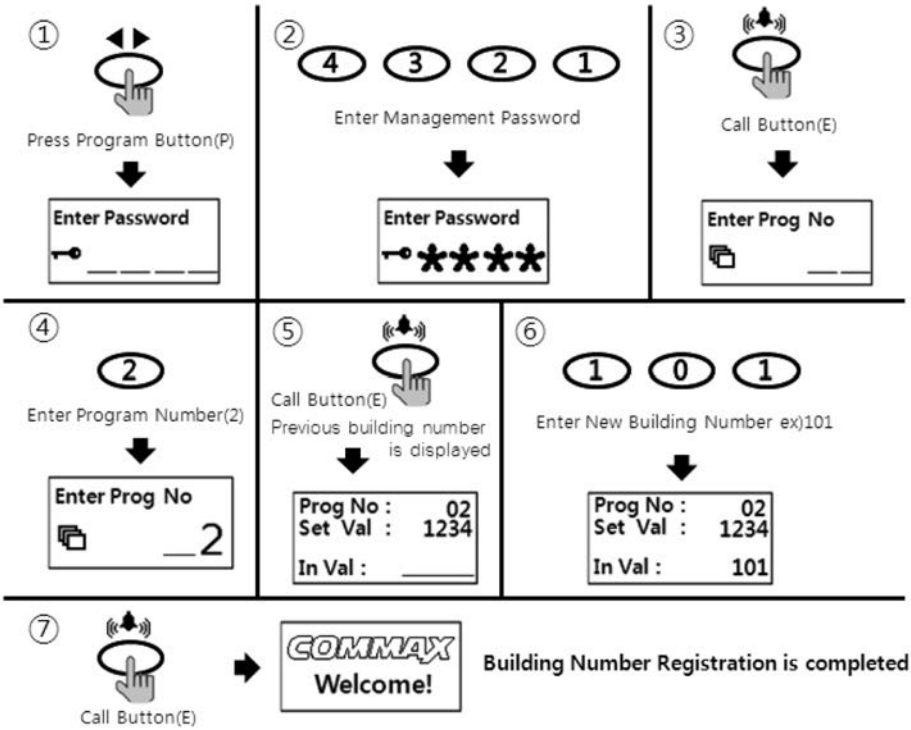
7. Set building Number and ID to Lobby panel

This setting is mandatory because building Number and ID automatically are set up when lobby panel call house and security guard.

Max. 99 lobby panel can be installed for one building.

7-1. Set building Number in Lobby panel interphone.

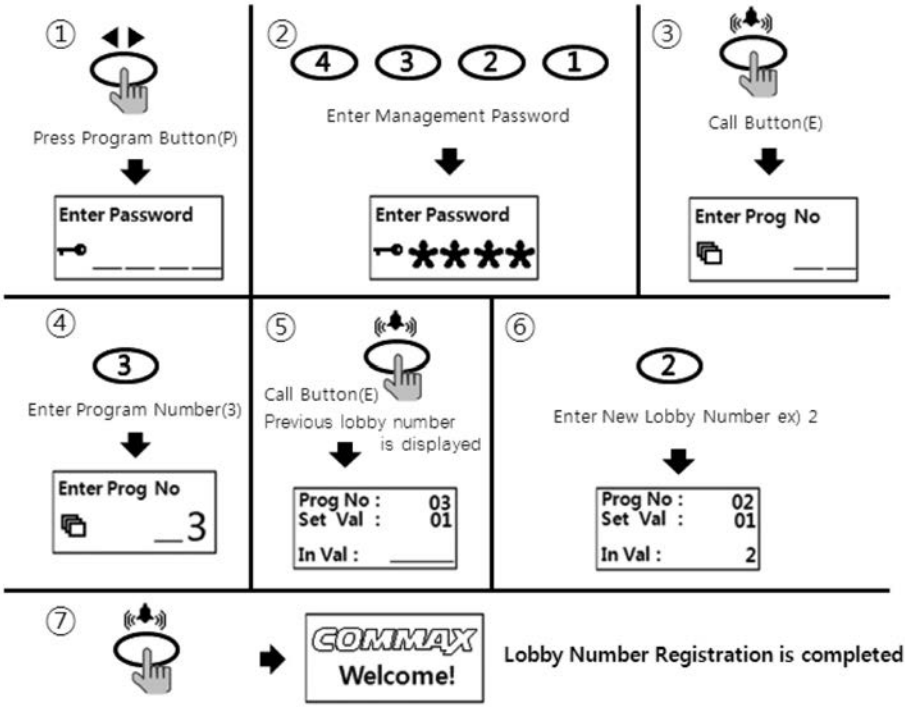
P - Management Password - E - 2 - E - Building Number - E



Press program button (P).
Press management Password.
Press call button (E).
Press "2" (Set building Number function key)
Press call button (E).
Press new building Number
Press call button (E).
Building Number has been changed.

7-2. Set ID no. in Lobby Panel

P - Management Password - E - 3 - E - ID - E



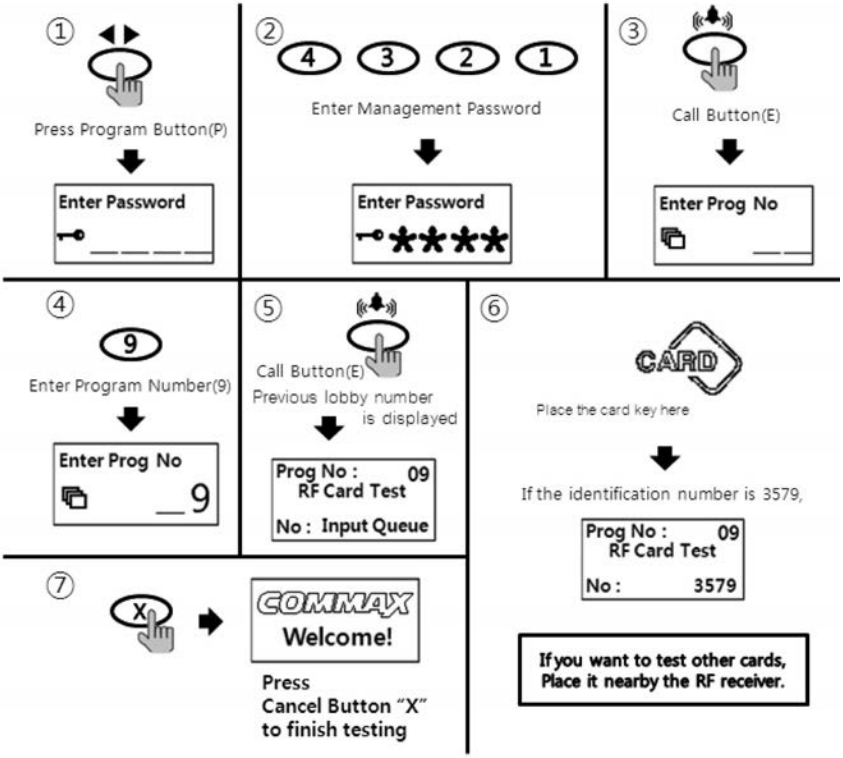
Press program button (P).
Press management Password.
Press call button (E).
Press "3" (Set ID Number function key)
Press call button (E).
Press new ID Number
Press call button (E).
ID Number has been changed.

8. RF card key appliances

8-1 RF card key test way

P- Management Password - E - 9 - E - Card Test - X(Cancel)

This function is only for the test of wireless card key



Press down the (P) button

Press Management Passwords

Press Call Button "E".

Press number "9" for the test of wireless card key

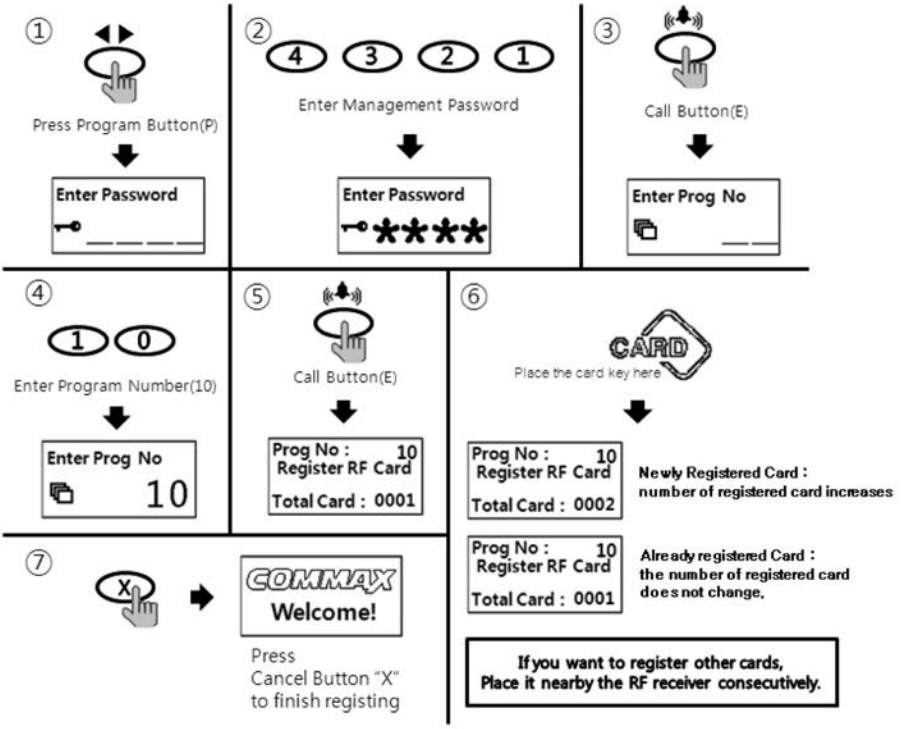
Press Call Button "E"

The card registration number will be on OLED when the card key is close to the RF/ID receiver.

Press down the (X) button for finish after test.

8-2. RF card key input way

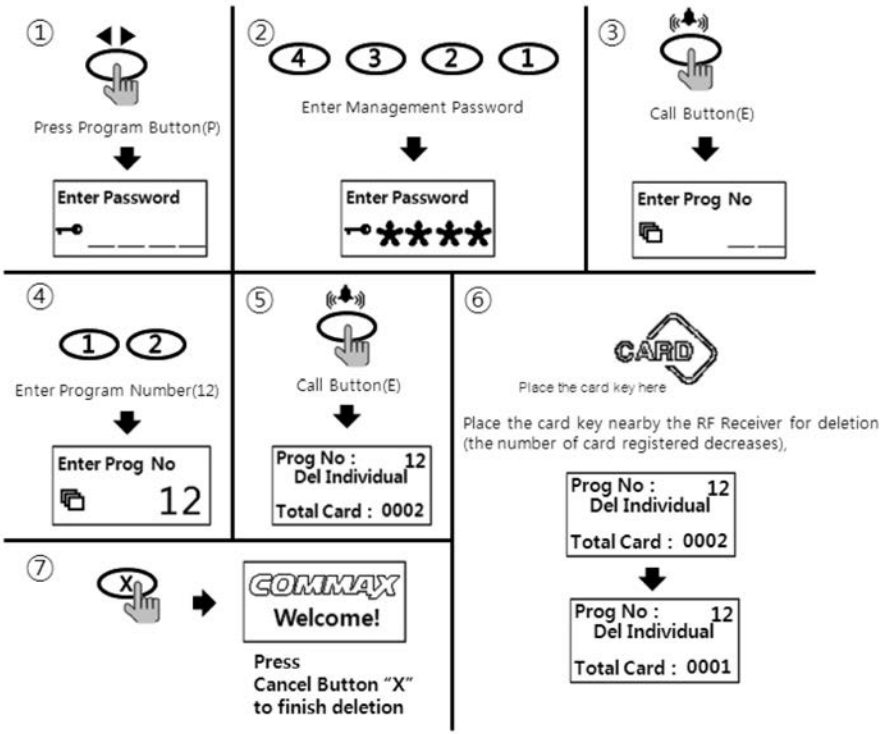
P- Management Password - E- 10 - E - Place card close to the RF/ID receiver - X(cancel)



<References>
Up to 2048 cards can be registered(if not to connect with SecuMAX)

8-3-1. RF card key separate deletion way

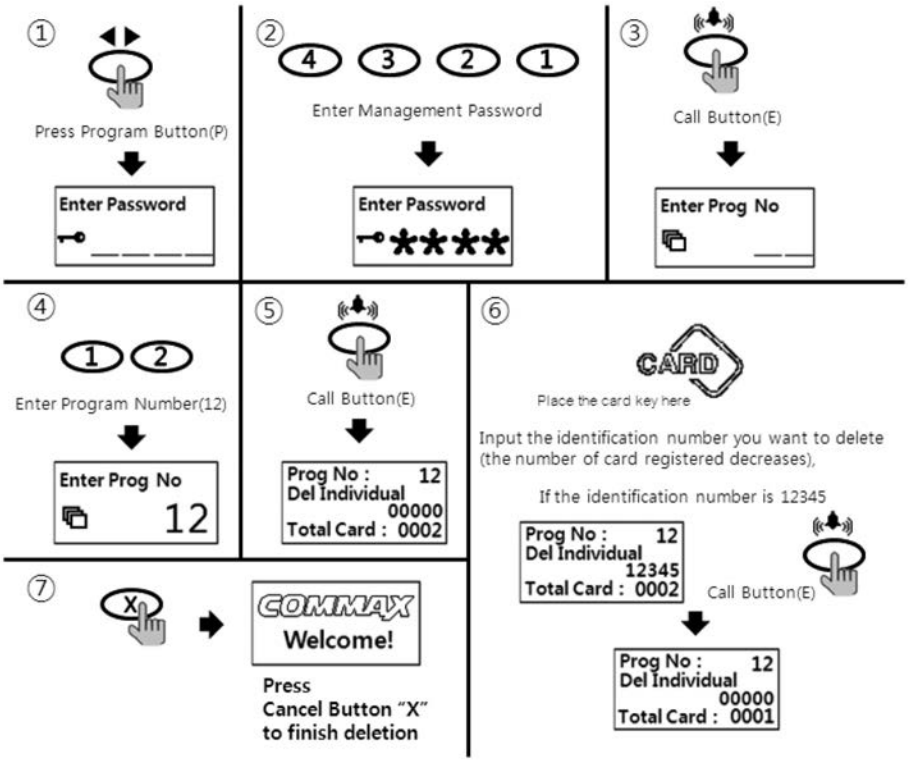
P - Management Password - E - 12 - E - Delete cards - X(Cancel)



Press Program Button "P"
Press Management Password
Press Call Button "E"
Press number "12"(separate delete number)
Press Call Button "E"
Place the card key close to the RF/ID receiver.
Press down the "X" to finish when separate deletion is completed

8-3-2. RF card key separate deletion way

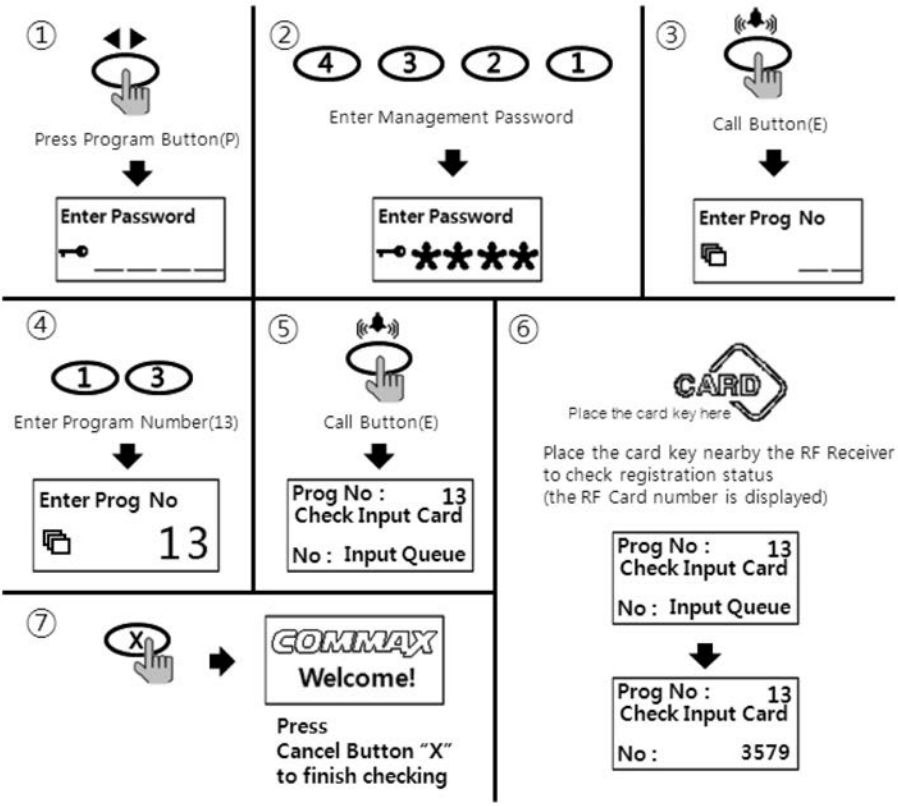
P - Management Password - E- 12 - E - Identification number - E - X(Cancel



Press Program Button "P"
Press Management Password
Press Call Button "E"
Press number "12"(separate delete number)
Press Call Button "E"
Input the identification number you want to delete.
Press Call Button "E"
Press down the "X" to finish when separate deletion is completed

8-4. RF card key registration check way

P- Management password - E - 13 - E - Check the cards - X(Cancel)

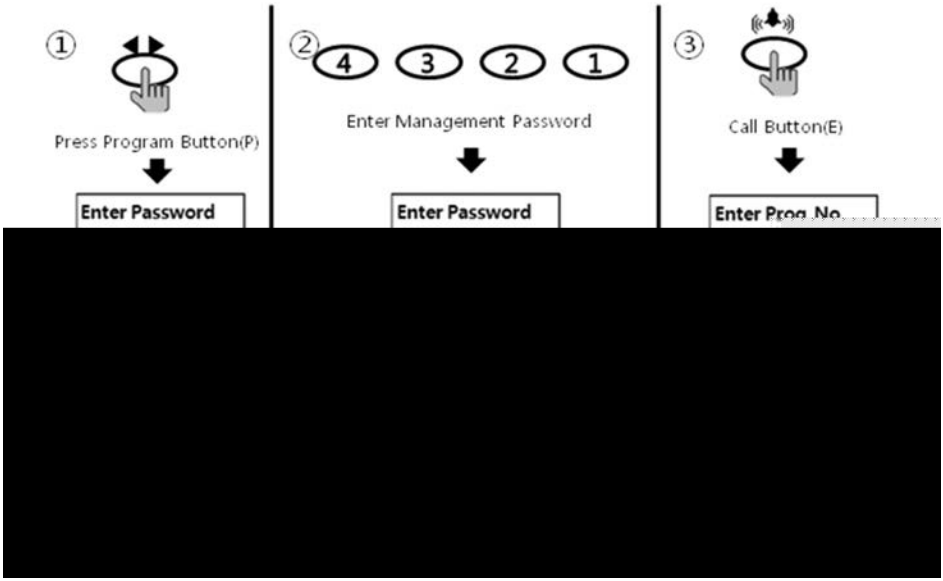


Press Program Button "P"
Press Management Password
Press Call Button "E"
Press number "13"(registration check)
Press Call Button "E"
Place the card key close to the RF/ID receiver
Press down X button to finish when check is completed

8-5. RF card key all delete way

P - Management password - E - 11 - E - E

All deletion way is only useful when initially set up, unless all registered cards are to be deleted.



Press down "P" button
Press Management Password
Press down "E" button
Press number "11" (all delete number)
Press Call Button "E"
Press Call Button "E" one more
The number on OLED display to be changed
Press down X button if to cancel.

<References>
All numbers can be deleted only if the mode "1" in the program number(23) is selected & executed the all delete process within 30 seconds.