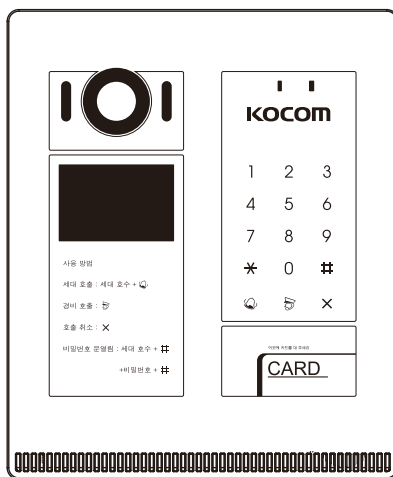


K6B LP-35S

Lobby phone use and installation manual [for administrator]

- 3.5 inch color LCD
- Touch method 15key
- Communication status display
- Set password for each household
- Register / delete RF card (13.56Mhz)
- DVR mode function
- Proximity sensor application
- Illuminance sensor application
- Door open function during house talk
- Check night button – LED light
- Camera angle adjustment function
- Striker drive
- Interworking with 2-line STAR method hub system
- 8-line multi-house system interworking
- 8-line hub system interworking
- K6B multi-house system interworking
- K6B hub mode interworking
- K6B wiring check mode



K6B LP-35S

This is a product that can be interlocked with 8 Line, K6B, LINE HUB or 2 Line STAR HUB SYSTEM. It is not compatible with other products.

Thank you very much for purchasing our product. Please read it carefully before use and be sure to keep it. Thank you.



Table of contents

Specifications and installation instructions

Safety precautions	3 ~ 4
Name of each part/ Product Specifications	5
Wiring specification / Product terminal	6
Automatic door, striker, sensor interlock	7
Product connection diagram	7
How to install	8
2-line STAR method hub system wiring diagram	9
8-line multi-house system wiring diagram	10
8-line hub system wiring diagram	11
K6B multi-house system wiring diagram	12
K6B hub system wiring diagram	13

Menu setting

Lobby phone default configuration tree structure	14
View and set the current status of lobby phone	15
How to enter menu setting	16
Interlocking	17
(Interlocking system / Control PC interworking / Courier notification / RF saving) setting	
Lobby phone related setting	18 ~ 19
(building / ID / guard number / Group number / ID duplication and registration)	
Password (system password / public password) setting	20
Video (2-line base video / guard video / DVR link) setting	21
Volume (house talk / guard talk / comment / button) setting	22 ~ 23
Sensor (Sensor1 / Sensor2 / Proximity Sensor / Light Sensor) setting	24 ~ 25
LED operation (button LED / LCD LED) setting	26
Door open (use house password / use public password / door open time)	27 ~ 28
K6B wiring check mode	29
Register house password	30
Register / delete RF card	31 ~ 32
Multi-house mode setting	33
4-linerepeater interlocking setting	34

Cautions for safety

For safe use, please stick to the following cautions.

- Please, save this manual after reading these instructions carefully.
- Read and understand all instructions to set up rightly.
- This Cautions for Safety may include items that are not contained in specifications of the product that consumer purchases.
- If you need assistance with the set-up or operation, please contact with A/S center.

The important marks in the manual.

To help our customers to understand this manual, to prevent any personal injury or property damage, some marks are used in the manual. The marks and the drawing signs are below. Please, understand the marks before reading the manual.

The meaning of the drawing signs.



Sign to show what not to do.



Mishandling the device with ignoring this sign may result in serious injury or death.



Mishandling the device with ignoring this sign may result physical injury or material damage.



Sign to tell you that you should follow the instructions.



Sign to tell you that you need more attention including (high voltages, electric shock, danger, warning)



Sign to tell you that you can't disassemble this unit.



Sign to tell you that you must unplug the unit.



Caution

► Cautions for set-up

- The law limits distributing the power lines to an authorized person from government.
- The work from an unauthorized person cause fire or electric shock.
- Place this unit securely on a stable surface, Serious damage and/or injury may result if the unit falls.
- Do not set up this unit near the leaking place because it may expose you to dangerous voltages or other risks.
- Even if your product is water proof, do not install it slanted place of water leakage, which can a short circuit.
- Fix the product on the wall safely according to the installation guideline to prevent any damage or injury.



- The work of distributing wires needs skills and experiences. So please, for assistance, contact your dealer or call service center.
- The communication lines should be built in being distant from the power source.
- This may result in the risk of fire, electric shock and communication disorder.
- Setting the communication lines in a high humid place such as outside without any protection from rain causes the communication disorder.
- Keep the hook at the wall-mounted device safe. The hook may cause the physical injury.
- Think about the thickness and quality of wall material. The unqualified material may make the device fall.



- Set the device of the wall-mounted type not to fall. Falling from an earthquake causes personal injury.

► Cautions for Repairs and Maintenance

- Keep the inside of the device clean. Having the dust inside without any cleaning for a long time causes the fire.
- If necessary, contact your dealer or service center to get cleaning service.
- Unplug this device when you want to check the inside. If there is no plug, please, turn off the circuit breaker.
- Unplug this device when you try to move it to another place.
- If the electric line is connected inside of the unit, please contact your dealer or service center.



- Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.



Warning

► Warnings for Usage

- Do not install this unit near the water and dust, for example, in a bathroom or near the washing machine. It caused fire and electric shock.
- Do not install this unit near the fire, for example, near kitchen sink, heater or the like.
- Do not install near the noxious gas such as Hydrogen Sulfide, metal power and the like.
- Do not install near the water and chemicals.
- Do not give any damage, break and modify the plug. Overloading, heating, pulling causes the damage.
- Do not place the plug near the heater. The damaged code causes fire and electric shock. Do not pull the power code when unplugging.
- The damaged code causes fire and electric shock. Must pull with plug. Do not touch with wet hands. It causes the electric shock.
- Do not use any other voltage, except the marked regular voltage.
- Do not use the power terminal at the units to other electric device except the designed device.
- Do not install the units at the leaking place if it doesn't have any waterproof mark. Do not install the unit when the power is on.
- Install the circuit breaker after checking the safety such as electric shock and leakage. Turn off the power before you install or A/S



- Check the suitability of the lines for installing when you use the exiting lines.
- Do the wiring work by using the designed material.
- Connect the electric wire with the designed ways and ground.
- Do not connect with any other devices except the designed devices to compose the system.



- Unplug electric wire and communication lines from the units before moving to another place.

► Cautions for Use

- This unit is not designed for security purpose.
- Do not place a pot with water or a small metal material on the Units.
- Do not cover the ventilating opening or put any metal material in the units.
- During thunderstorms, avoid using this unit. There may be a remote risk of an electric shock from lightning.
- Do not modify the unit.
- Open the main gate after checking ID if the image and sound system do not work. Call A/S



► Cautions for Abnormality

- Change the damaged electric code.
- Unplug this unit from plug socket and refer servicing to an authorized service center when the following conditions occur:
 - If liquid has been spilled into the unit.
 - If the unit does not work normally by following the operating instructions.
 - If the unit exhibits a distinct change in performance.
 - If the unit has been dropped or physically damaged.



Caution

► Safety Instructions, Warnings and Cautions of Each System

- Do not disassemble this unit at will as this device is composed by precision parts.
- Install the unit by following the set-up instructions of Kocom.
- Do not touch or insert any foreign substances, for example, sticker, magnetic, opener and the like.
- Make U-type at the end of wires as the rain can effect on the system by following the wires during the rainy season.

► Videophone

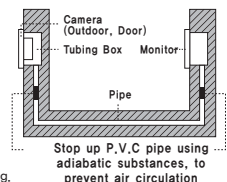
- Separate the AC/DC lines with the hook of the wall-mounted type when installing.
- Connect the lines after peeling the wires properly.
- Do not distribute signal line with AC line.
- Use the designed driver to connect the lines to terminal.
- Do not clean the LCD with the damp cloth for cleaning. Use the only dry and soft cloth.
- Do not install the main gate monitor at the leaking place.

► Things You Need to Know

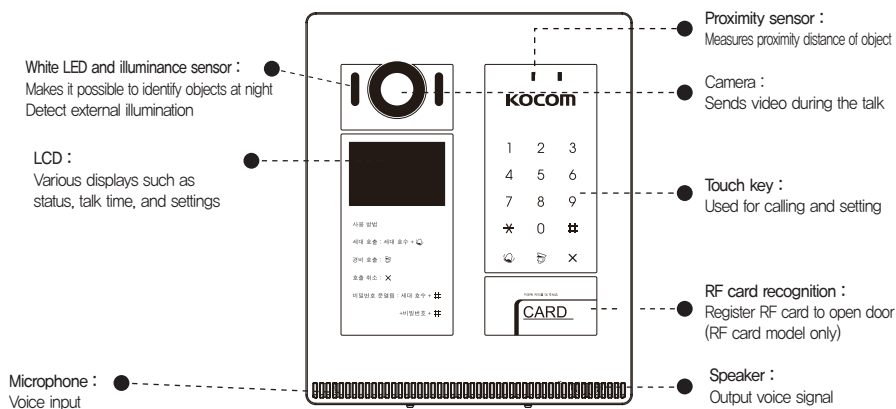
- This product is designed as a home videophone and cannot use continuously like monitor camera.
- If there is temperature difference between inner part of camera and surrounding, dew condensation occurs on camera lens and may disturb image.
- If dew condensation is removed from camera lens, image quality recovers.
- White LED light examination range is narrower than camera shot range at night, so there is less amount of light at night than day.
- So it is difficult to see the face in low illumination condition due to noise increase on screen, but it is not from defect.
- Monitor screen (liquid crystal panel) is not in defect when some pixels always light or black out.
- Please install monitor and camera over 5cm away.
- Also, avoid installing at a place with too much noise, because too much noise around camera causes phone call inferiority.
- Do not place an object within 20cm in front of monitor. It causes phone call inferiority, especially because microphone is installed at the top of monitor.
- If strong light such as sunlight flows into camera module, screen saturation (or strange mark) and image shaking might occur.
- This is not a defect, so please do not install camera where a direct ray of light do not flow if possible.

► Cautions

- In some cases there is occurrence of product destruction, malfunction, noise mixing and picture quality deterioration due to mixing of other tool's induced, voltage or thunder with communication wiring of monitor/camera, monitor/extended monitor.
- Do not wire with power line such as outdoor wiring or AC power, or phones and other tools.
- You cannot use it if you incorrectly wire the AC voltage between monitor/camera, monitor/extended monitor.
- Call the store or agency where you purchased this product and consult to solve the problem.
- Beware that unfixable damage might be caused due to authorizing AC voltage on communication wiring of monitor/camera, monitor/extended monitor.
- Do not ever disjoint this product. It may cause electrocution accident when touching high-voltage circuit inside this product.
- Outside power authorizing this product must be confirmed of product description and use rated voltage.
- Beware that if higher voltage is authorized, unfixable damage might be caused due to product destruction.
- Power must be connected to domestic voltage (product rated voltage) consent or interior wiring.
- If connected to other motive power or inverter-type power, product destruction, noise mixing, and picture distortion may occur.
- Do not drop this product. Glass is used for monitor and might break, or cause other circuit inferiority.
- In such case, immediately turn down the power switch, and call to consult agency or store in which this product was purchased.
- Keep away from any conditions where water splatters or falls. Do not place anything containing water like a vase on the product.
- If installed near transmission antenna such as broadcasting station, electric wave may mix and cause picture distortion or voice mixing.
- Avoid installing near tools with strong electromagnetic waves such as microwaves and cell phones, or it may cause picture distortion.
- Do not install monitor in following places.
 - ① Above or around water heater, rice-cooker, heater
 - ② Place exposed to direct rays of the sun
 - ③ Place with temperature below 0°C such as cold store
 - ④ Place with high humidity such as bathroom, washroom, heated room
 - ⑤ Place with a lot of gas, dust, smoke
 - ⑥ Dangerous place with sprays of water or chemicals
- Do not wipe with insecticide, drugs or chemicals such as thinner and alcohol, or it may damage the surface of this product.
- Beware of occurrence of image quality deterioration or malfunction from cause of humidity due to penetration of chemicals or water into camera's urea resins.
- As in the picture, it prevents temperature difference of camera (outside) and monitor (inside), and removes dew condensation caused by humidity of camera window.
- Camera must be installed when wall cement is completely dry.
- When product is installed in winter below -5°C, wait for approximately 2 hours to connect. Dew formation in monitor and camera due to temperature difference inside and outside may cause product defect.
- Avoid installing monitor and camera in place directly exposed to heat or where gas noxiousness is highly occurring.



Name of each part



- * [House call key] : A key used when calling a house
- * [Guard call key] : A key used when calling guard
- * [Cancel key] : A key used when canceling

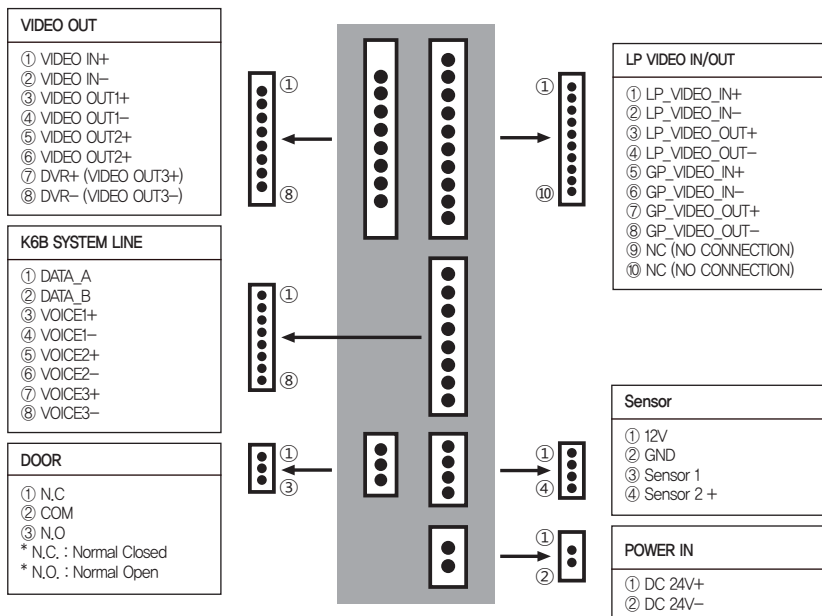
Product Specifications

Product name	K6B LP-35S
Input power type	DC 24V When waiting : 4W, When operating: 10W
Display	3.5 inch color LCD
DATA method	RS485
Talking method	Hands-free (2WAY)
Calling and image retention time	Waiting time of about 30 seconds after calling, About 3 minutes during house talk
Exterior materials	Aluminum (AL), ABS, tempered glass
Size	249(W) x 299(H) x 48(D) mm
Operation guaranteed temperature	-10°C ~ +50°C
LED lighting function	LED temporary lighting of 15 key part
Camera pixel / angle of view	CCD 0.52M pixels / 90 °
RF card interlocking	13.56Mhz
Interlocking device	Guard: KAM-305(8-line method), K6B GP-70K(K6B method) Hub: KHU-305, KHU-320 House device: K6B House device, Centralized house device

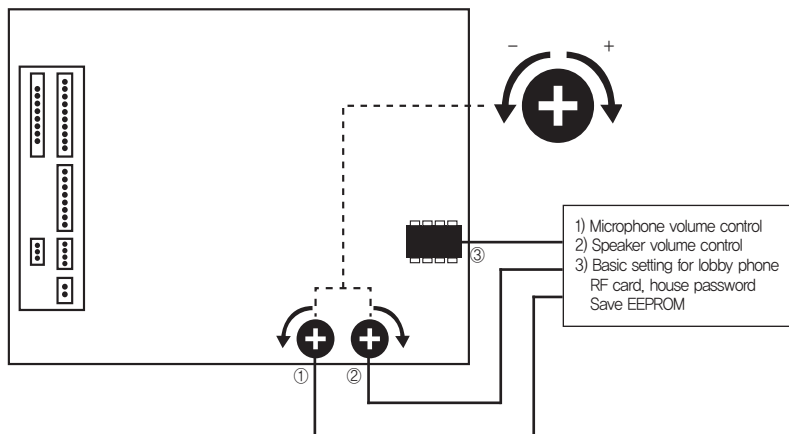
Wiring specification

- Main wiring: Communication / Call (8 lines) polarity UTP 4P * 1 or more available
- Video signal / GND: Used only coaxial cable(Video noise occurs when using UTP)

Product terminal



- ※ LP VIDEO IN/OUT are used when using a separate video distributor.
- ※ Do not use VIDEO OUT when using a separate video distributor



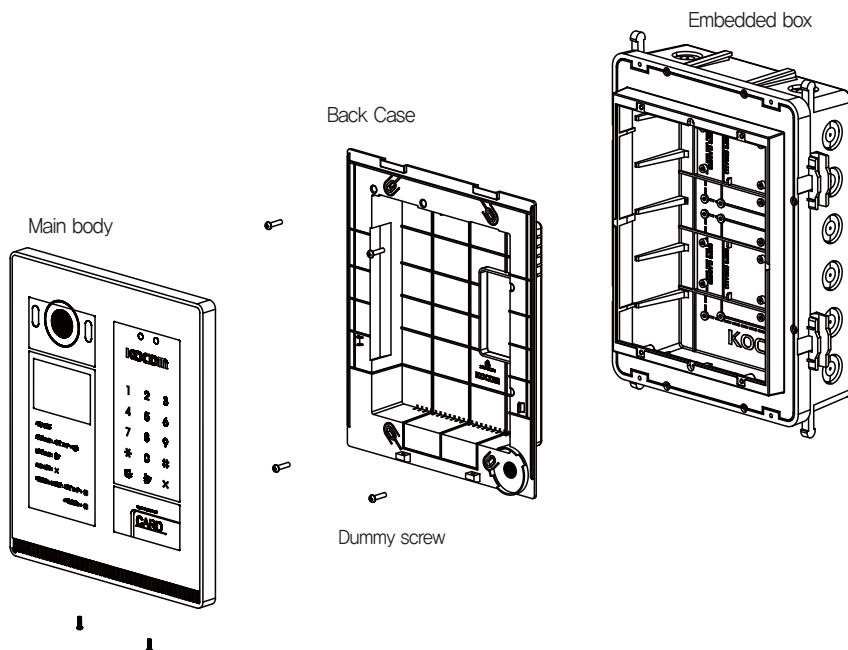
- Sensor interlock



How to install

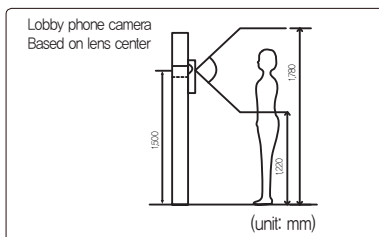
■ How to install the lobby phone

- Install the adapter 24V in the embedded box
- Connect the adapter output to the power supply of the lobby phone (+ 24V, GND [polarity]).
- Connect the MAIN line to the house LINE connection part of the lobby phone

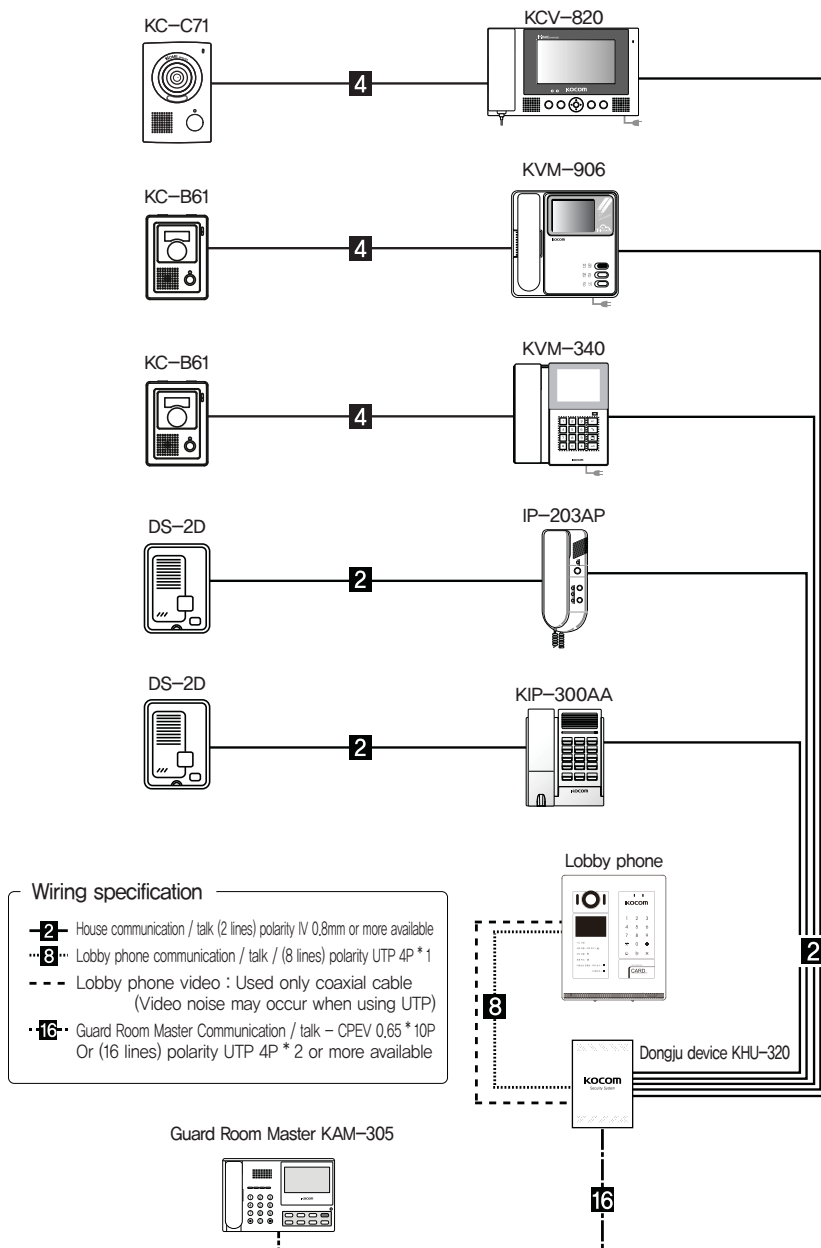


■ Standard height for lobby phone installation

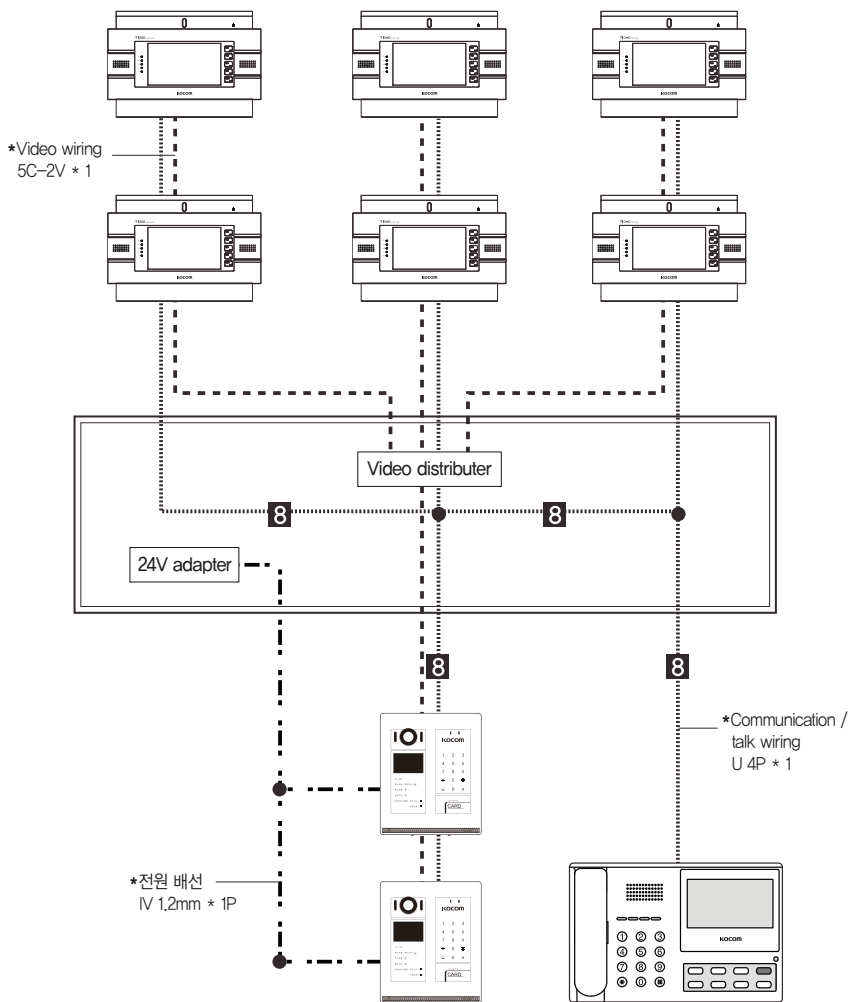
The standard height of the lobby phone is 1,450 ~ 1,500 from the bottom based on the bottom of the lobby phone embedded box. If the height of the lobby phone is out of the range of 1,250mm to 1,550mm, it is impossible to adjust the desired image only by adjusting the angle of the lens, so be careful of height when installing the lobby phone



2-line STAR method hub system wiring diagram



8-line multi-house system wiring diagram



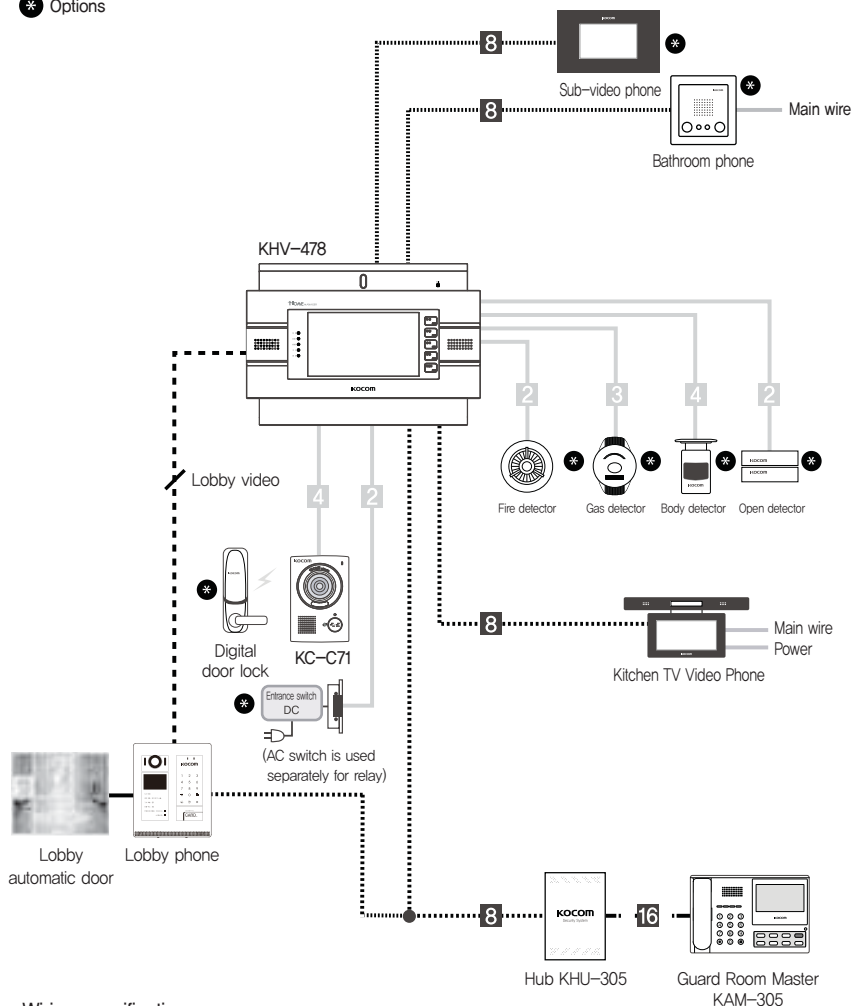
※ Use the lobby video input & output terminal when using a separate video distributor

Wiring specification

- ⋯8⋯ Communication / talk / (8 lines) polarity UTP 4P * 1 or more available
- Power (2 lines) polarity IV 1.2mm or more available
- - - Video signal / GND : Used only coaxial cable
(Video noise may occur when using UTP)

8-line hub system wiring diagram

※ Options

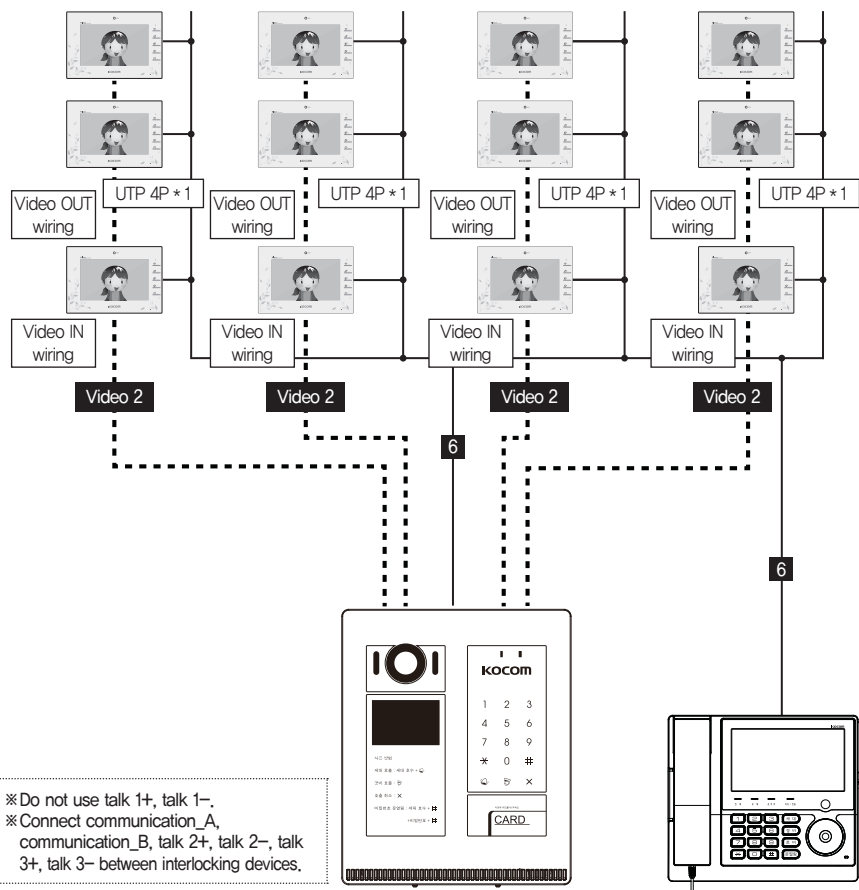


Wiring specification

- **2** Automatic door connection (2 lines) Polarity IV 0.8mm or more available
- **8** Communication / Call / (8 lines) Polarity UTP 4P * 1
- --- Lobby phone video: Used only coaxial cable
(Video noise may occur when using UTP)
- **16** Guard Room Master Communication / talk - CPEV 0.65 * 10P
Or (16 lines) polarity UTP 4P * 2 or more available

※ Use the lobby video input & output terminal when using a separate video distribution amplifier

K6B multi-house system wiring diagram (Using 1 lobby phone)

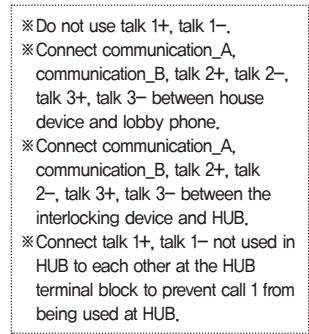


Wiring specification

- 6 — Communication / talk / (6 lines) Polarity UTP 3P * 1
- Video 2 • Lobby phone video: UTP 1P * 1 Or coaxial cable

- ※ Use the lobby video input & output terminal when using a separate video distributor
- ※ When using UTP with lobby phone video wiring, the video quality may deteriorate due to the product configuration and wiring

K6B hub system wiring diagram



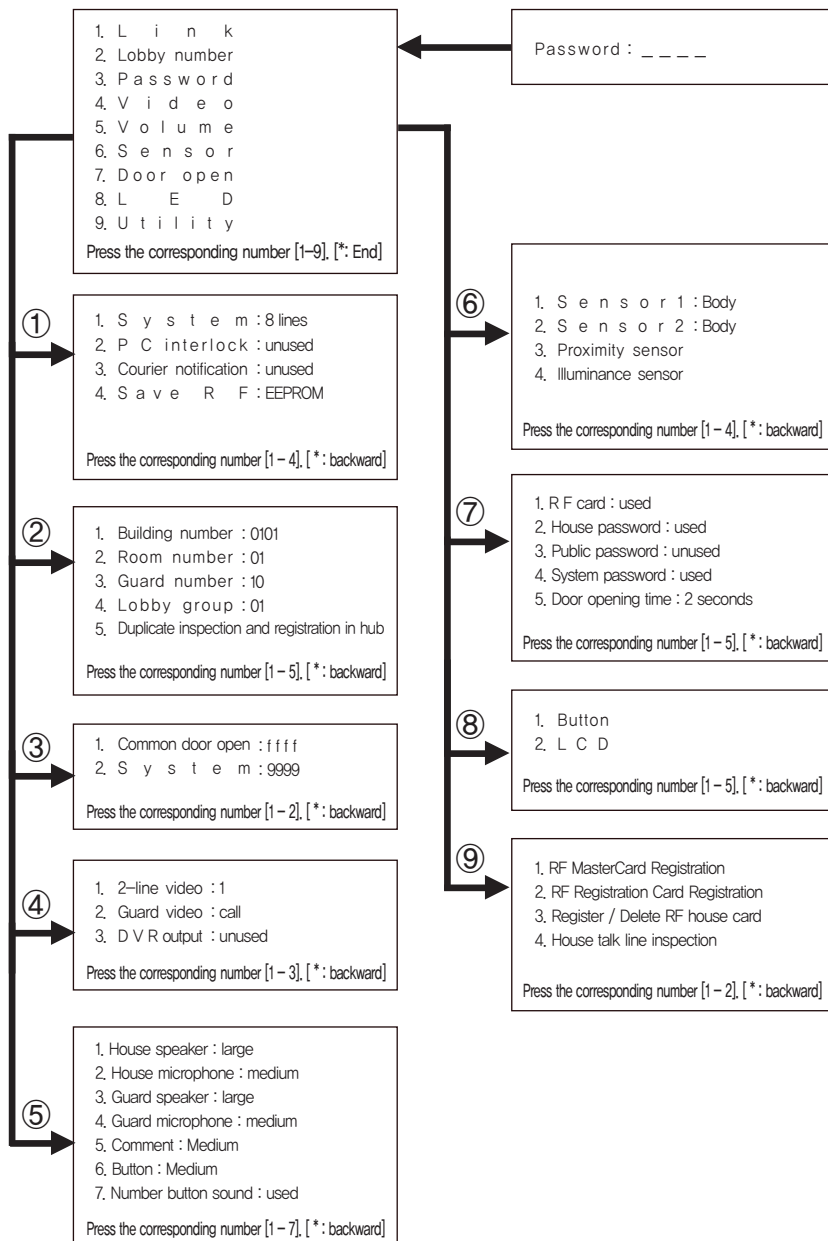
Wiring specification

6	Communication / talk / (6 lines) Polarity UTP 3P * 1
Video 2	Lobby phone video: UTP 1P * 1 Or coaxial cable
16	Guard Room Master Communication / talk – CPEV 0,65 * 10P Or (16 lines) polarity UTP 4P * 2 or more available

- ※ Use the lobby video input & output terminal when using a separate video distributor
- ※ When using UTP with lobby phone video wiring, the video quality may deteriorate due to the product configuration and wiring

Lobby phone default configuration tree structure

■ Lobby phone menu setting tree structure



View and set the current status of lobby phone

■ View settings

번호 : 010동 1호 경비 : 10	
연동	문열림
시 스템 : 8 선	시 간 : 2초
모 드 : 일 반	감 시 : 미 사 용
PC 연동 : 미 사 용	RF 카 드 : 사 용
택배알림 : 미 사 용	비밀번호
	세 대 : 사 용
	공 용 : 미 사 용
	호 시 스템 : 사 용
볼륨	LED
볼륨 : 스피커 마이크	버튼 : 10 초
세 대 : 대 중	L C D : 10 초
경비 : 대 중	
멘트 : 중 버튼 : 중	
숫자버튼 : 사 용	

영상
그룹 : 01
2 선 : 01
경비 : 호 출
D V R : 미 사 용
센서
1 : 등 체
2 : 화 재
근접 : 4 0
조도 : 사 용

■ View full configuration status

Press Standby Screen Sensor Ok (#) and * button at the same time to display the lobby phone's full setting status menu as shown in the screen on the left.



Menu	SUB menu	Setting range	Default	Description
Version	"	01,00V	01,00V	Display firmware version of motherboard
Link	System	2 lines, 8 lines	8 lines	Interlocking system (2-wire, 8-wire) setting display
	PC interlocking	Used, unused	unused	Display whether control PC is used or not
	Courier notification	Used, unused	unused	Display whether courier notification is used or not
	RF save	EEPROM,SDCARD	EEPROM	Display RF card data storage location setting
로비번호	Building number	0001 ~ 9999	0101	Display lobby phone jurisdiction building setting
	Room number	01 ~ 99	01	Display lobby phone ID setting
	Guard number	01 ~ 99	10	Display lobby phone jurisdiction guard ID setting
	Lobby Group	01 ~ 99	01	Display the setting of the lobby phone interlocking range number set in the hub when linked with the hub.
	Duplicate inspection and registration in hub	No	No	Duplicate inspection and registration of change of lobby number in the hub
비밀번호	Public door open	0001~9999	FFFF	Common password to enter when entering / leaving the lobby
	System	0001~9999	9999	Password for entering the lobby phone setting mode
영 상	2-line video	01 ~ 03	01	Setting video port connected when interlocking 2-line axis hub
	Guard video	Guard, call, talk	Call	Set timing for transmission of guard video
	DVR output	used, unused	unused	Display DVR interlock setting
음 량	House speaker	Weak, small, medium, large	Large	Display speaker output volume when talking with house appliance
	House microphone	Weak, small, medium, large	Medium	Display microphone output volume when talking with house appliance
	Guard speaker	Weak, small, medium, large	Large	Display speaker output volume when talking with guard room
	Guard microphone	Weak, small, medium, large	Medium	Display microphone output volume when talking with guard room
	Comment	Weak, small, medium, large	Medium	Display comment sound speaker output volume
	Button	Weak, small, medium, large	Medium	Display button sound speaker output volume
센 서	Number button sound	Unused, used	used	Display whether number button sound is used or not
	Sensor 1	Unused, body, fire	body	When setting body sensor
	Sensor 2	Unused, body, fire	fire	: Door open operation during set door open time When setting fire sensor : Continue door open until return to fire
	Proximity sensor	used, unused Automatic, display setting value (01~99)	used(40)	When using proximity sensor auto setting : After 10 seconds, measure 10 times at intervals of 0.2 seconds, and set the average value to 8 times excluding the minimum value and the maximum value * Recommended setting within 80cm * There may be errors depending on the usage environment * Recommended for proximity sensor and straight distance * Direct exposure to direct sunlight may cause malfunctions
	Illuminance sensor	used, unused	used	Display whether illuminance sensor is used or not
문 열 림	RF card	used, unused	used	Display whether RF card is used or not
	House password	used, unused	used	Display whether house password is used or not
	Public password	used, unused	unused	Display whether public password is used or not
	System password	used, unused	used	Display whether system password is used or not
	Door opening time	1 ~ 8	2	Display door open time setting
L E D	Button	Permanent operation Yes/no Operating time (1~20)	unused 10	Continuous operation when set to use of permanent operation Operation for the set operation time (seconds) when the permanent operation unused is set
	LCD	Permanent operation Yes/no Operating time (1~20)	unused 10	* This setting is equally applied when using proximity sensor

How to enter menu setting

※ Lobby phone setting **required** Notation setting must be set by default.

0. Enter setting mode

Password : _ _ _ _

1. In standby mode, press the  (house call) button and the  (guard call) button for more than 5 seconds.

2. Enter the lobby phone password 4 digits and press the [#] button.

Interlocking (Interlocking system / Control PC interworking / Courier notification / RF saving) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► Interlocking setting

1. System: 8 lines
2. PC interlocking: unused
3. Courier notification: unused
4. RF save: EEPROM

Press the corresponding number [1 ~ 4], [* : backward]

0. To enter the interlocking setup menu, press 1 in the basic setting window and press the corresponding 1 ~ 4 buttons to enter system, PC interlock, courier notification, RF storage setting window.

1. In the system setting window, set up the interlocking system.
2. In the PC connection setting window, set whether to use the control PC.
[#]An interlocking control PC and connection must be established.
3. In the courier notification setting window, set whether to use courier notification
4. In the RF Save Setting window, set the RF card save medium

► System setting required **required**

1. System: 8 lines

System [1:2 lines 2:8 lines] [* : backward]

1. When entering the system setting window, set up the system to use either "2 lines, or 8 lines".

* Set the base 2-line hub to 2-line for interlocking, others to 8-line
* Set to 8 lines when interlocking K6B product.

► PC interlocking setting

2. PC interlocking: unused

PC interlocking [0: unused 1: used] [* : backward]

2. When entering the system setting window, set whether to use either "unused or used".
* Set the RF server or PC interlocking to use in interlocking mode.

► Courier notification setting

3. Courier notification: unused

Courier notification [0: unused 1: used] [* : backward]

3. When entering the courier notification setting window, set whether to use either "unused or used".
* It can be used in conjunction with the hub with the guard room master installed and cannot be used otherwise

► RF Save Setting

4. R F save : EEPROM

RF [0: unused 1: used] [* : backward]

4. Set the data storage location of "EEPROM, SD CARD" when entering RF save setting window.
* It is to set the medium where RF data is stored
* It is basically used as an EEPROM and can be used by RF card vendors if you use and store many RF card data.

Lobby phone related setting (building / ID / guard number / Group number / ID duplication and registration)

※ Lobby phone setting **required** Notation setting must be set by default.

▶ Lobby number setting required **required**

1. Building number : 0101
2. Room number : 01
3. Guard number : 10
4. Lobby Group : 01
5. Duplicate inspection and registration in the hub

해당 숫자[1 ~ 5]를 누르세요. [* : backward]

0. To enter the lobby number menu, press button 2 in the basic setting window and press the corresponding button 1 ~ 4 to enter the building, room, guard, lobby group setting window.

1. In the building setting window, enter the jurisdiction building 4 digits.
2. In the room setup window, enter the lobby ID 2 digits.
3. In the guard setting window, enter the designated guard ID 2 digits.
4. In the lobby group setting window, enter the lobby call range number 2 digits.
5. When the change of above 1 ~ 4 is completed, press 5 to double check and register the changes in the hub.

▶ Building number setting required **required**

1. Building number : 0101

Building number 101 [[#]:registration, * : backward]

1. In the building setting window, enter the jurisdiction building 4 digits.
※ Enter building 9999 for parking control lobby phone.

▶ Lobby phone ID setting required **required**

2. Room number : 00

Room number 1 [[#]:registration, * : backward]

2. In the room setup window, enter the lobby ID 2 digits.
※ If there are multiple lobby phones with the same lobby phone ID, there may be system-wide problems.

▶ Guard number setting required **required**

3. Guard number : 00

Guard number 10 [[#]:registration, * : backward]

3. In the guard setting window, enter the designated guard ID 2 digits.

▶ Group number setting required **required**

4. Lobby Group : 00

Lobby Group 1 [[#]:registration, * : backward]

4. Enter the number (01 ~ 99) of the lobby phone interlock range (house call range in lobby phone) set in the hub when linked with the hub

Lobby phone related setting (building / ID / guard number / Group number / ID duplication and registration)

► ID duplication check and registration

1. Building number: 0101
2. Room number: 01
3. Guard number: 10
4. Lobby gGroup: 01
5. Duplicate inspection and registration in the hub

Duplicate checking [* : backward]

1 2	1 2 [1-1]
1-0 X	6-0 X
2-0 X	7-0 X
3-0 X	8-0 X
4-0 X	9-0 X
5-0 X	A-0 X

Duplicate found [01] [[#]:registration]

1 2	1 2 [1-1]
1-0 X	1-0 X
1-0 X	1-0 X
1-0 X	1-0 X
1-0 X	1-0 X
1-0 X	1-0 X

Registration complete [[#]:registration]

1. In order to enter the ID duplication check and registration menu, press 1 in the basic setting window and then press 5 to double check and register the hub.
2. Check whether ID duplication is registered by communicating with the hub.
3. If there is no duplication, it is registered to the hub without any other indication
4. If a duplicate is found, duplicate found [Duplicate Quantity] is displayed
- * Duplicate quantity indicates how many identical IDs are registered in the hub
5. In the 1- X X display, the first 1 is the hub card number, the next X is the port 1 in the card, and the next X is the port 2.
6. 0 means either a duplicate or a connected port
7. If you want to register ID after confirming duplication, press # to register
8. When registration is completed, registration complete is displayed.
- * Duplicate inspection is carried out only when interlocked with the hub
- * This function does not operate in multi-house mode without interlocking with the hub
- * If there are multiple lobby phones with the same lobby phone ID, there may be system-wide problems.
- * Some functions may not work when this setting is not executed.

Password (system password / public password) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► Password setting

1. Common door open: FFFF
2. System: 9999

Press the corresponding number [1 ~ 2] [* : backward]

0. To enter the password menu, press 3 in the basic setting window and press the corresponding 1 ~ 2 to enter common door open, system setting window
1. In the common door open setting window, enter the common door open password.
2. In the system setting window, enter the system password.

► Common password setting **required**

1. Common door open: FFFF
2. System: 9999

Common 1234 [[#]: application * : backward]

1. To open the common door open password, press 3 in the basic setting window and then press 1 to enter the common door open password change window
 2. Enter the common door open password 4 digits and press the [#] button
- * The common door open password means the public use password of the lobby phone when entering the lobby phone
- * The common door open password input mode can be entered by pressing the [#] button in the standby mode.
- * Since the initial setting value of the common door open password is FFFF, you must register the password.

► System password setting **required**

1. Common door open: FFFF
2. System: 9999

System 1234 [[#]: application* : backward]

1. To enter the system password, press 3 in the basic setting window and then press 2 to enter the system password change window.
 2. Enter the system password 4 digits and press the [#] button.
- * The system password is the password required to enter the setup mode to change the settings of the lobby phone.
- * The initial system password is "9999" and must be registered with a different password

Video (2-line base video / guard video / DVR link) setting

※ Lobby phone setting **[required]** Notation setting must be set by default.

► Video setting

- 1. 2-line video: 1
- 2. Guard video: Call
- 3. DVR output: unused
- 4. Differential transmission: unused

Press the corresponding number [1 ~ 4] [* : backward]

- 0. To enter the video setting, press 4 in the basic setting window and press the corresponding 1 ~ 4 buttons to enter the corresponding change window.
Enter the presence or absence of use or number and click the [#] button (Apply).

► Setting video setting connected when interlocking with 2-line key axis hub [2-line axis required] **[required]**

- 1. 2-line video: 1
- 2-line video _1 [[#]: application * : backward]

- 1. Enter the video port number (1 ~ 3) connected to the hub lobby port card video port when the corresponding lobby phone is interlocked to the main axis 2-line hub
* Set port number 1 (video port 1), 2 (video port 2), and 3 (video port 3) of the video input ports 1 ~ 3 on the KHU-320

► Guard video setting

- 2. Guard video: Call
- Guard video [0: guard 1: call 2: talk * : backward]

- 2. When set to call, the lobby sends video when calling the guard. When set to talk, video is transmitted when the call is connected to the guard. Also, when set to the guard, it operates when sending the guard video ON data from the guard

► CAMERA operation setting for DVR interlocking [Required for DVR interlocking] **[required]**

- 3. DVR output: unused
- DVR output [0: unused 1: used] [* : backward]

- 3. Enter the DVR Link Enable / Disable and press the [#] button to complete DVR Link setup change.
* The DVR interlocked default setting is set to "Not used".
* When the DVR interlocking setting is set to "used", the camera and the white LED are always on. Therefore, it is recommended to set it to "Not used" because the life of the product may shorten.

► Differential transmission setup

Not used

Volume (house talk / guard talk / comment / button) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► Volume setting

1. House speaker: Large
2. House microphone: Medium
3. Guard speaker: Large
4. Guard microphone: Medium
5. Comment: Medium
6. Button: Medium
7. Number button sound: Used

Press the corresponding number [1~7], [*:backward]

1. To change the volume of talk, comment, button, press 5 in the basic setting window and press the corresponding buttons 1 ~ 7 to enter house speaker, house microphone, guard speaker, guard microphone, comment, button, number button sound change window.

2. Enter the corresponding setting when setting the house and guard talk volume.

3. Enter the corresponding setting when setting the comment or button.

4. Set and enter whether number button sound is enabled.

* House speaker is the volume of the receiver speaker in the lobby phone during house talk

* House microphone is the talk microphone volume in the lobby phone during the house talk.

* The guard speaker is the receiver speaker volume in the lobby phone during the guard talk.

* The Guard microphone is the receiver microphone volume in the lobby phone during the guard talk

* The comment is the speech comment speaker volume in the lobby phone.

* The button is the button sound speaker volume in the lobby phone

* If you do not want to use comment or button sound, set it to mute.

► House talk volume setting

1. House speaker: Large
2. House microphone: Medium
3. Guard speaker: Large
4. Guard microphone: Medium
5. Comment: Medium
6. Button: Medium
7. Number button sound: Used

House M [0: Weak 1: small 2: medium 3: large] [*: backward]

1. To change the house talk speaker volume, press 5 in the basic setting window and press the 1 (House speaker) button to enter the speaker volume change window

2. Select the corresponding volume (0: weak, 1: Small, 2: Medium, 3: Large).

* House speaker is the receiver speaker volume in the lobby phone during house talk.

* The default volume setting of the house speaker is set to "Large".

1. House speaker: large
2. House microphone: medium
3. Guard speaker: large
4. Guard microphone: medium
5. Comment: medium
6. Button: medium
7. Number button sound: Used

House S [0: Weak 1: small 2: medium 3: large] [*: backward]

1. To change the house talk microphone volume, press 5 in the basic setting window, then press the 2 (House microphone) button to enter the microphone volume change window

2. Select the corresponding volume (0: Weak 1: small 2: medium 3: large).

* House microphone is the receiver microphone volume in the lobby phone during the house talk call.

* The default volume setting of house microphone is set to "Medium" .

Volume (house talk / guard talk / comment / button) setting

► Guard talk volume setting

1. House speaker: Large
2. House microphone: Medium
3. Guard speaker: Large
4. Guard microphone: Medium
5. Comment: Medium
6. Button: Medium
7. Number button sound: Used

Guard M[0: Weak 1: small 2: medium 3: large] [* : backward]

1. To change the guard talk speaker volume, press 5 in the basic setting window and press the 3 (guard speaker) button to enter the speaker volume change window.
 2. Select the corresponding volume (0: Weak 1: small 2: medium 3: large).
- * The guard speaker is the receiver speaker volume in the lobby phone during the guard talk.
- * The default volume setting of guard speaker is set to "large".

1. House speaker: large
2. House microphone: medium
3. Guard speaker: large
4. Guard microphone: medium
5. Comment: medium
6. Button: medium
7. Number button sound: Used

Guard S [0: Weak 1: small 2: medium 3: large] [* : backward]

1. To change the guard talk microphone volume, press 5 in the basic setting window and press the 4 (Guard microphone) button to enter the microphone volume change window.
 2. Select the corresponding volume (0: Weak 1: small 2: medium 3: large).
- * The guard speaker is the receiver speaker volume in the lobby phone during the guard talk.
- * The default volume setting of guard microphone is set to "medium".

► Comment volume setting

1. House speaker: large
2. House microphone: medium
3. Guard speaker: large
4. Guard microphone: medium
5. Comment: medium
6. Button: medium
7. Number button sound: Used

Comment [0: Mute 1: small 2: medium 3: large] [* : backward]

1. To change the comment volume, press 5 in the basic setting window and press the 3 (comment) button to enter the volume change window.
 2. Select the corresponding volume (0: mute, 1: small, 2: medium, 3: large).
- * The comment is the speech comment speaker volume in the lobby phone.
- * The default volume of the comment is set to "medium".
- * If you do not want to use comment, set it to mute.

► Button volume setting

1. House speaker: large
2. House microphone: medium
3. Guard speaker: large
4. Guard microphone: medium
5. Comment: medium
6. Button: medium
7. Number button sound: Used

Button [0: Mute 1: small 2: medium 3: large] [* : backward]

1. To change the button volume, press 5 in the basic setting window and press 3 (button) button to enter the button volume change window
 2. Select the corresponding volume (0: mute, 1: small, 2: medium, 3: large).
- * The button is the button sound speaker volume in the lobby phone
- * The default volume of the button is set to "medium".
- * If you do not want to use the button, set it to mute.

► Setting number button sound enable

1. House speaker: large
2. House microphone: medium
3. Guard speaker: large
4. Guard microphone: medium
5. Comment: medium
6. Button: medium
7. Number button sound: Used

Number button sound[0: unused 1: used] [* : backward]

1. To change the number button sound, press 5 in the basic setting window and then press the 7 (Number button sound) button to enter the change of whether or not to use the button voice comment.
 2. Select the corresponding volume (0: unused, 1: used).
- * Number button sound is the button voice comment in the lobby phone
- * The default volume of number button sound is set to "used"
- * If you do not want to use the number button sound, set it to "Not used"

Sensor (Sensor1 / Sensor2 / Proximity Sensor / Light Sensor) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► Sensor setting

1. Sensor 1: body
2. Sensor 2: body
3. Proximity sensor
4. Illuminance sensor

Press the corresponding number [1 - 4] [* : backward]

1. To enter the settings of sensors 1 and 2, press 6 in the basic setting window and press the corresponding button 1 or 2 to enter the sensor 1 or sensor 2 change window.
2. Press the corresponding button of body, fire, or unused.
- * After setting it as body, the door will be open only during the door open time when the sensor operates.
- * After set to fire, the door is opened continuously until the fire sensor turns off when the sensor operates.
- * When set to unused, the corresponding sensor does not operate.

► Sensor 1 setting

1. Sensor 1: body
2. Sensor 2: body
3. Proximity sensor
4. Illuminance sensor

Sensor 1 [0: Weak 1: small 2: medium 3: large] [* : backward]

1. To change the sensor 1 setting, press 6 in the basic setting window and press the 1 (sensor 1) button to enter the sensor 1 change window.
2. Select the corresponding sensor (0: unused, 1: body, 2: fire).
- * After setting it as body, the door will be open only during the door open time when the sensor operates.
- * After set to fire, the door is opened continuously until the fire sensor turns off when the sensor operates.
- * When set to unused, the corresponding sensor does not operate.
- * Sensor 1 is set to "body" as the default setting.

► Sensor 2 setting

1. Sensor 1: body
2. Sensor 2: body
3. Proximity sensor
4. Illuminance sensor

Sensor 2 [0: Weak 1: small 2: medium 3: large] [* : backward]

1. To change the sensor 2 setting, press 6 in the basic setup window and press the 2 (Sensor 2) button to enter the sensor 2 change window
2. Select the corresponding sensor (0: unused, 1: body, 2: fire).
- * After setting it as body, the door will be open only during the door open time when the sensor operates.
- * After set to fire, the door is opened continuously until the fire sensor turns off when the sensor operates.
- * When set to unused, the corresponding sensor does not operate.
- * Sensor 2 is set to "fire" as the default setting.

► Proximity Sensor Setting

1. Whether to use: Used
2. Setting the recognition distance: 80

Used/unused [0: unused 1: used] [* : backward]

1. Whether to use: Used
2. Setting the recognition distance: 99

Distance _ _ [[#]: Automatic setting * : backward]

1. Whether to use: Used
2. Setting the recognition distance: 50

Measurement complete 50 [[#]: Application * : backward]

1. To enter the Proximity Sensor Setting, press 6 in the basic setting window and press the corresponding button 3 to enter the Proximity Sensor change window
 2. Set whether proximity sensor is used.
 3. Proximity sensor starts recognizing the object immediately at automatic setting after setting use, and when it is within the measurement range, tone sound is generated at regular intervals and when it is outside the measurement range, tone sound is not generated.
- Make sure to set it within the measurement range
- * When setting the automatic recognition distance, measure 10 times at intervals of 0.2 seconds after 10 seconds and set to the average of 8 times excluding the minimum value and the maximum value.
 - * When set to unused, the corresponding sensor does not operate.
 - * We recommend setting within 80cm.
 - * There may be errors depending on the usage environment.
 - * It is recommended to use with the proximity sensor and straight line distance.
 - * Direct exposure to direct sunlight may cause malfunctions.

Sensor (Sensor 1 / Sensor 2) setting

► Illuminance sensor setting

1. Whether to use: used
2. Button setting: 138
3. Camera setting: 250

Press the corresponding number [1-3], [*:backward]

1. To change whether to use the illuminance sensor, press 6 in the basic setting window and then press 4 (illuminance sensor) button to enter the illuminance sensor change window.
 2. Then press button 1 to go to the usage status setting change window.
 3. Select the corresponding setting (0: not used, 1: used) and then press the [#] button.
- * When set to unused, the corresponding sensor function does not work.
 - * The usage status default is set to "used".

1. Whether to use: unused
2. Button setting: 138
3. Camera setting: 250

Button (12~254) __1 [# application] [*:backward]

1. To change the button setting on the illuminance sensor, press 6 in the basic setting window and press the 4 (illuminance sensor) button to enter the illuminance sensor change window.
 2. Then press button 2 to go to the button setting change window
 3. Enter the illuminance sensor setting value for button LED operation and then press the [#] button.
- * After setting the illuminance sensor to used, the following setting will be applied
 - * The default of the button is set to "138".
 - * The button setting value can be set to "12 ~ 255".
 - * The lower the setting, the brighter and the higher the darker.

1. Whether to use: unused
2. Button setting: 124
3. Camera setting: 124

Camera (12~254) __1 [# application] [*:backward]

1. To change the camera setting in the illuminance sensor, press 6 in the basic setting window and press the 4 (illuminance sensor) button to enter the illuminance sensor change window.
 2. Then press button 3 to go to the button setting change window
 3. Enter the illuminance sensor setting value for camera LED operation and then press the [#] button.
- * After setting the illuminance sensor to used, the following setting will be applied
 - * The default of the camera is set to "250".
 - * The camera setting value can be set to "12 ~ 255".
 - * The lower the setting, the brighter and the higher the darker.

LED operation (button LED / LCD LED) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► LED operation setting

1. Button
2. LCD

Press the corresponding number [1 ~ 2], [* : backward]

1. Enter the corresponding setting usage status and the operating time and press the [#] button.
- * It operates during the operation time set in "used" setting and turns OFF.

► Button LED setting

1. Permanent operation: used
2. Operating time: 10 seconds

Permanent operation [0: unused 1: used] [* : backward]

1. To change the button LED operation setting, press 8 in the basic setting window, press 1 (button) button to enter the button LED setting and then press 1 to enter the permanent operation change window.
2. Select the corresponding operation (0: unused, 1: used)
- * When set to unused, the LED lights up only when the button is operating.
- * When set to used, the LED is always on.
- * The button LED is set to "used" by default.

1. Permanent operation: used
2. Operating time: 10 seconds

Operating time __ [* : backward]

1. To change the button LED operation setting, press 8 in the basic setting window, press button 1 (button) to enter the button LED setting and then press 2 to enter the operation time changing window.
2. Select the corresponding time (1 ~ 10 seconds) and then press the [#] button
- * At this time, the operating time is applied only when it is set to "Not used".
- * This setting applies equally when using the proximity sensor.
- * The operating time is set to "10 seconds" by default.

► LCD LED operation setting

1. Permanent operation: used
2. Operating time: 10 seconds

Permanent operation [0:unused 1: used] [* : backward]

1. To change the LCD LED operation setting, press 8 in the basic setting window, press 2 (LCD) button to enter LCD LED setting and then press 1 to enter the permanent operation change window.
2. Select the corresponding operation (0: unused, 1: used)
- * When set to unused, the LED lights up only when the button is operating.
- * When set to used, the LED is always on.
- * The LCD LED is set to "Not used" by default.

1. Permanent operation: used
2. Operating time: 10 seconds

Operating time __ [* : backward]

1. To change the LCD LED operation setting, press 8 in the basic setting window, press 2 (LCD) button to enter LCD LED setting and then press 2 to enter the operation time change window.
2. Select the corresponding time (1 ~ 10 seconds) and then press the [#] button
- * At this time, the operating time is applied only when it is set to "Not used".
- * This setting applies equally when using the proximity sensor.
- * The operating time is set to "10 seconds" by default.

Door open (use house password / use public password / door open time) setting

※ Lobby phone setting **[required]** Notation setting must be set by default.

► Door open setting

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

Press the corresponding number [1~5], [* : backward]

1. To enter the door open setting, press 7 in the basic setting window and then press the corresponding button 1 ~ 5 to enter the change window.
2. Press the corresponding setting button.
 - * Activate RF card function when using RF card
 - * Activate house password function when setting house password usage
 - * Activate common password function when setting common password usage.
 - * Activate the system password function when setting system password usage.
 - * Set the door open time to 1 ~ 8 seconds and press the [#] button to apply the value.
 - * The door open contact time is independent of the automatic door opening time set in the automatic door.

► Enable or disable RF card

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

RF card [0: unused 1: used* : backward]

1. To change the RF card enable / disable setting, press 7 in the Preferences window and press 1 (RF card) button to enter RF card change window.
2. Select the corresponding setting (0: unused, 1: used).
 - * Activate RF card function when setting RF card usage
 - * RF card function does not work when set to unused.
 - * The RF card default is set to "used".

► Setting whether to use a house password

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

House [0: unused 1:used* : backward]

1. To change the house password use setting, press 7 in the basic setting window and press the 2 (house password) button to enter the house password use change window.
2. Select the corresponding setting (0: unused, 1: used).
 - * Activate house password function when setting house password usage
 - * House password function does not work when set to unused..
 - * The house password default is set to "used" .

► Enable or disable common password

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

Common [0: unused 1:used* : backward]

1. To change the common password use setting, press 7 in the basic setting window and then press button 3 (public password) to enter the change of common password use window.
2. Select the corresponding setting (0: unused, 1: used).
 - * Activate common password function when setting common password usage.
 - * When set to unused, the common password function does not operate.
 - * The common password default is "Not used" .

Door open (use house password / use public password / door open time) setting

※ Lobby phone setting **required** Notation setting must be set by default.

► Enable or disable the system password

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

System [0: unused 1: used* : backward]

1. To change the system password use setting, press 7 in the basic setting window and press the 4 (system password) button to enter the system password change window.
2. Select the corresponding setting (0: unused, 1: used).
 - * Activate the system password function when setting system password usage.
 - * The system password function does not work when set to unused.
 - * The system password default is set to "Not used" .

► Set door open time (seconds)

1. RF card: used
2. House password: used
3. Common password: Not used
4. System password: Used
5. Door open time: 2 seconds

Door open time 2 [[#]: application] [* : backward]

1. To change the door opening time (seconds), press 7 in the basic setting window and then press the 5 (door open time) button to enter the change door opening time (seconds)
2. Select the corresponding setting (1: 1 second ~ 8: 8 seconds) and then press the [#] button.
 - * Set the door open time to 1 ~ 8 seconds and press the [#] button to apply the value.
 - * The door opening time (seconds) is independent of the automatic door opening time set in the automatic door.
 - * The default of door opening time (seconds) is set to "2 seconds".

K6B wiring check mode

- ※ Lobby phone setting **[required]** Notation setting must be set by default.
- ※ This function works only between the K6B linked products (house appliance, lobby phone, guard room).

► K6B wiring check mode setting

1. Start line: 01
2. End line: 01
3. Start floor: 01
4. End floor: 01
5. Start inspection
6. Inspection search

Press the corresponding number [1-5], [*backward]

1. To set the wiring check mode, press button 9 (utility) in the basic setting window and press the button 4 (house talk line test) to enter the wiring check mode setting.
2. Press the No. 1 button to enter the start line to be inspected and then press the [#] button.
3. Press button 2 to enter the end line to be checked and then press the [#] button.
4. Press button 3 to enter the start floor to be inspected and then press the [#] button.
5. Press button 4 to enter the end floor to be inspected and then press the [#] button.
6. Press button 5 to start the test.

► Error after checking lobby talk line wiring in K6B wiring check mode

House communication talk (1-2-3) video

Talk line error exists (1-2-3) [*backward]

1. The next screen shows the error status after checking the lobby wiring check at the start of inspection.
 2. After checking the lobby line wiring, you should start the inspection again
- * In the presence of a talk line error (1 - 2 - 3), '1' '2' and '3' show talk 1 line, talk 2 line and talk 3 line, respectively and indicate whether the line is shorted

► View fault condition stored in K6B wiring check mode

House communication talk (1-2-3) video

1011, Normal, normal - normal - bad, normal
 1021, Normal, bad - normal - bad, normal
 2011, Normal, bad - bad - bad, bad
 2021, Bad, - - ,
 3011, Normal, bad - - ,

Inspecting (5/6 houses in total) [*backward]

1. If there is no error in the lobby talk line inspection, start a house-specific wiring check inspection
 2. Exit the wiring check mode if reset (* button, 0 button, # button is pressed simultaneously) in the * button, X button, or other lobby.
 3. A line is displayed below the screen to be inspected. It is displayed until 7 houses and when exceeded, it is deleted from the top (ascending) and the inspection house is shown below.
- * Normal and bad indication are not displayed when communication is not smooth. (Additional wiring check is required.)
 * 'Normal' indicates that the operation is normal.
 * 'Bad' indicates that communication is not possible or wiring connection is wrong

► When searching after inspection

House communication talk (1-2-3) video

1011, Normal, normal - normal - poor, normal
 1021, Normal, bad - normal - poor, normal
 2011, Normal, bad - bad - bad, bad
 2021, Bad, - - ,
 3011, Normal, bad - bad - bad, bad
 1 / Total 5 pages) [6: previous 9: next] [*backward]






1. When searching the wiring check mode, press the No. 9 (Utility) in the basic setting window and press 4 (house talk line check) button to enter the wiring check mode setting and press 6 (search inspection) button to enter the search mode .
2. Press button 6 for previous screen output, and press button 9 for next screen output
3. The search mode shows information stored separately after checking in the wiring check mode

Register house password

► Register house password

0 1 0 1

— — — —

- During a household talk, press the , , , ,  key and wait for 10 seconds, then the screen for registering the house password is displayed as shown on the left.
- You can enter the house password you want
- Repeat the above procedure to change the house password

Register / delete RF card

※ Lobby phone setting **[required]** Notation setting must be set by default.

► Register / delete RF card

1. RF MasterCard Registration
2. RF Registration card registration
3. Register / Delete RF house card
4. House talk line inspection

Press the corresponding number [1 - 4], [*:backward]

1. To register / delete the RF card, press 9 (Utility) in the basic setting window and enter the corresponding window
2. RF MasterCard registration is the setting for registering an administrator card
3. RF card registration is setting for registering a card for registering a house card.
4. Registration / deletion of the RF house card is setting for registration / deletion of house card in the setting window.
5. House talk line inspection is setting for communication / talk / video inspection between interlocking devices

► Master RF card registration – Card used by the administrator for access only

1. RF master card registration
2. RF registration card registration
3. RF household card registration/ deletion
4. House talk line inspection
RF MasterCard has been registered.

Press the corresponding number [1 - 4], [*:backward]

1. In standby mode, the card to be set as the master RF card is approached to the RF receiver.
2. The comment "it is not registered" comes out
3. After pressing 9 (Utility) in the basic setting window, press 1 (Register RF MasterCard) to set the previously contacted RF card as the master RF card

► Register RF card for registration – Card used to register RF card

1. RF master card registration
2. RF registration card registration
3. RF household card registration/ deletion
4. House talk line inspection
RF MasterCard has been registered.

Press the corresponding number [1 - 4], [*:backward]

1. In standby mode, the card to be set as RF card for registration is approached to the RF receiver.
2. The comment "it is not registered" comes out
3. After pressing 9 (Utility) in the basic setting window, press 2 (Register RF registration card) to set the previously contacted RF card as the RF card for registration
- * Registration card is a card to facilitate the registration of generation-specific RF card.

► Register house individual RF card with registration card.

1. Building: 0101
2. Room : 0101

→ RF card ←

Registration key: Guard→House→ 1

Contact delete key: Guard →2→ Guard

Input delete key: Guard →1→ Guard

Initialization key: Guard→3→ Guard

Press the Register / Delete / initialize key

1. In standby mode, approach RF card for registration to RF receiver.
 2. The screen appears on the left.
 3. After entering the four digits of house room number you want to register, press the guard, house, and 1 key in sequence and touch the card.
 4. When the registration complete message is output, registration is completed.
 5. You can press * to change the building and press the guard to continue changing room.
- Be sure to register the next card after the card is registered and the message "Registration complete" disappears and if you touch the next card to register with the message "Registering", registration will not be possible.

► Register house individual RF card in menu setting

1. Building: 0101
2. Room: 0101

→ Registration ←

Registration key: Guard→House→ 1

Contact delete key: Guard →2→ Guard

Input delete key: Guard →1→ Guard

Initialization key: Guard →3→ Guard

Please contact the RF card Registration complete

1. In the basic setting window, press 9 (Utility) and press 3 (Register/ Delete RF house card) to enter the RF house card registration / deletion window
 2. The screen appears on the left.
 3. After entering the four digits of house room number you want to register, press the guard, house, and 1 key in sequence and touch the card.
 4. When the registration complete message is output, registration is completed.
 5. You can press * to change the building and press the guard to continue changing room.
- Be sure to register the next card after the card is registered and the message "Registration complete" disappears and if you touch the next card to register with the message "Registering", registration will not be possible.

Register / delete RF card

► Delete one RF card

1. Building: 0101
2. Room: 0101

→ Delete ←
등록키 : 경비 → 세대 → 1
접촉 삭제키 : 경비 → 2 → 경비
입력 삭제키 : 경비 → 1 → 경비
초기화키 : 경비 → 3 → 경비
Deleting house XXXX RF card...

1. In the basic setting window, press 9 (Utility) and press 3 (Register/ Delete RF house card) to enter the RF house card registration / deletion window
2. The screen appears on the left.
3. After entering the four digits of house room number you want to delete, press the guard, 2, and guard key in sequence and touch the card.
4. When the deletion complete message is output, deletion is completed.
5. You can press * to change the building and press the guard to continue changing room.

● Be sure to delete the next card after the card is deleted and the message "deletion complete" disappears and if you touch the next card to delete with the message "deleting", deletion will not be possible.

► Delete RF card by household

1. Building: 0101
2. Room: 0101

→ R F card ←
Registration key: Guard → House → 1
Contact delete key: Guard → 2 → Guard
Input delete key: Guard → 1 → Guard
Initialization key: Guard → 3 → Guard

Press the Register / Delete / Initialize key

1. In the basic setting window, press 9 (Utility) and press 3 (Register/ Delete RF house card) to enter the RF house card registration / deletion window
2. The screen appears on the left.
3. After entering the four digits of house room number you want to delete, press the guard, 1, and the all RF house cards registered in the house will be deleted.
4. When the deletion complete message is output, deletion is completed.
5. You can press * to change the building and press the guard to continue changing room.

● Be sure to delete the next card after the card is deleted and the message "deletion complete" disappears and if you touch the next card to delete with the message "deleting", deletion will not be possible.

► Delete all RF cards

1. Building: 0101
2. Room: 0101

→ Initialize ←
Registration key: Guard → house → 1
Contact delete key: Guard → 2 → Guard
Input delete key: Guard → 1 → Guard
Initialization key : Guard → 3 → Guard
Deleting all registered RF cards...

1. In the basic setting window, press 9 (Utility) and press 3 (Register/ Delete RF house card) to enter the RF house card registration / deletion window
2. The screen appears on the left.
3. If you press the guard, 3, guard key in sequence, all RF house cards registered in the lobby phone will be deleted.
4. When the deletion complete message is output, deletion is completed.

● Be sure to wait until you see a message saying that the card has been deleted.

Multi-house mode setting

■ Multi-house mode setting

Caution: Multi-house mode and normal mode [hub' s presence] cannot be used in combination.

Caution: You must use a household appliance set to multi-generation mode.

Caution: The guard master must be set to multi-house mode.

Caution: In the multi-house mode, the lobby group should be set to 99 in the lobby phone.

Note: Please refer to multi-house external wiring diagram.

※ Setting multi-house mode connection and talk line

1. House-house talk uses only talk 1 line.
2. House-lobby talk uses only talk 2 line
3. House / lobby – guard use only talk 3 line.
 - If the talk line is in use, it is a busy state, disabling call connection
 - Basically, it is connected by the same connection method as normal mode (hub connection).

4-line repeater interlocking setting

■ 4-line repeater (KE-4M6B) interlocking setting

Caution: Used when interlocking with a 4-line repeater.

Caution: "8 lines" are used for the lobby phone interlock system

Caution: In the state that the interworking repeater is connected, set the lobby phone "lobby number" and "register" it in the interworking repeater.

Caution: Set lobby phone "lobby group" to "01".

Caution: Change the menu volume setting and volume level as shown below

► Menu volume setting

1. House speaker : small
2. House microphone : medium
3. Guard speaker : medium
4. Guard microphone : medium
5. Comment : medium
6. Button : medium
7. Number button sound : Used

1. Set the house talk speaker to "small"
 2. Set the guard talk speaker to "medium"
- # Do not change other volume settings (using the existing DEFAULT settings)
However, the volume setting can be adjusted according to the installation conditions.

► Volume setting



Microphone volume



Speaker volume

1. On the back of the product, change "Microphone volume" to Max.
- # Do not change other volume settings (using the existing DEFAULT value).
However, the volume setting can be adjusted according to the installation conditions.

Warranty

▶ To receive after service, have the following ready before you contact our branches.

1. Name of the product.
2. Model number of the product.
3. The area of problem.
4. Phone number and address at which you can be contacted.

Warranty Card

PRODUCT	
MODEL	
DATE PURCHASED	
WARRANTY PERIOD	
AGENCY ADDRESS	

▶ KOCOM Warranties the original purchaser of this product as follows.

- 1) This product is produced under strict quality control and inspection procedures.
- 2) If this product breaks down during proper use as a result of product defect, KOCOM will repair it within one year from date of purchase free of charge.
- 3) The following cases will be subject to charge, even during warranty period:
 - a. Breakdown during transport, or through careless treatment, by consumer.
 - b. Breakdown cause by unauthorized repair, or system modification.
 - c. Breakdown caused by natural disaster or power disorder.