# KOCOM

ASTRO KGP-70KA

Guard phone use and installation manual [for administrators]

- 7-inch color LCD
- Combined handset, hands-free call
- Easy installation
- GUI interface using jog button
- House calling and call, exchange call
- Lobby phone call and door opening
- Lobby video DISPLAY function
- Call between guard phones and bypass call
- Time setting and display function
- House emergency data backup and display
- House call list display
- Home network system connection
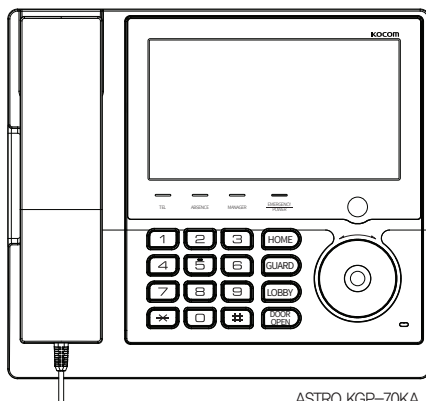
ASTRO KGP-70KA

※ Terminals may vary for each product.

※ For safe use, please be sure to read the precautions before use.

※ The detailed operation details in this manual may change depending on future improvements in product functionality and convenience.

※ This product can be linked with home network system household devices, security devices, and communal entrance devices, and is not compatible with other products.

※ This equipment is suitable for commercial (Class A) electromagnetic waves and sellers or users should be aware of this.
It is intended for use outside the home.

KOCOM CO., LTD.

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Specifications and installation instructions

Main screen

Security

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Settings (※ Menu for administrators)

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.	Sing 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 unaurhtorized person cause fire or electric shock.
· Place this unit securely on a stable surface. Serious damafe 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 gar 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 eclectic 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 handle the unit with the wet hands.
· 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 lighting.
· Do not modify the unit.   · Open the main gate after checking ID if the image and sound system do not work. Call A/S

· Do not disassemble the back and cabinet cover.

◉ 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.
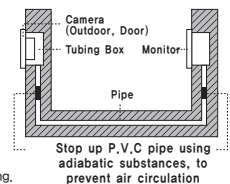
◉ Things You Need to Know

· 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 Absence.
  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.
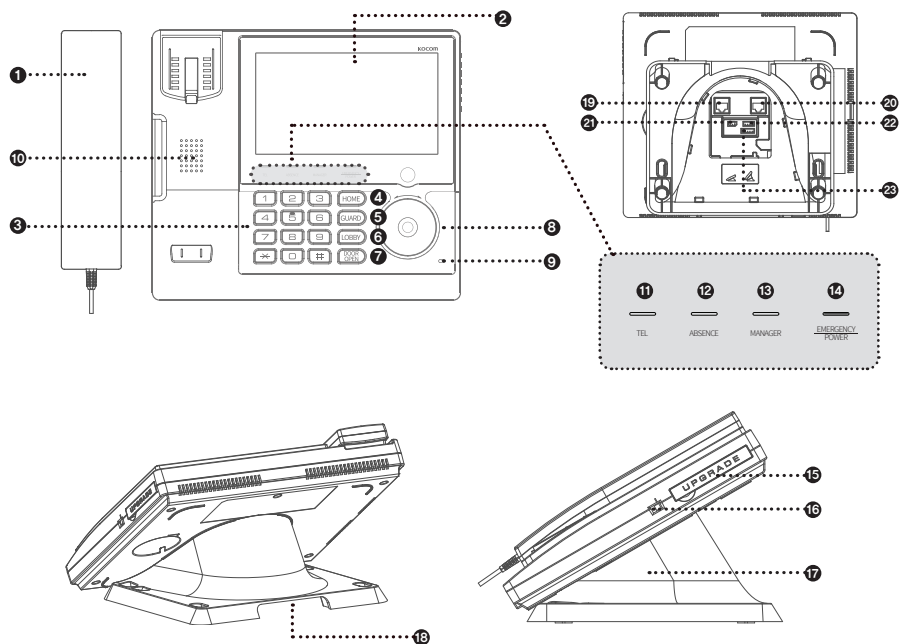
◉ Cautions

· 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 Absence from any conditions where water splatters or falls. Do not 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℃ 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℃, 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.

Camera
(Outdoor, Door)
Tubing Box   Monitor
Pipe

Stop up P.V.C pipe using
adiabatic substances, to
prevent air circulation

Name of each part

① Sender and receiver(Handset)
② LCD screen
③ 10 KEY button: Used when entering numbers, * button: Cancel input
④ House call button: Used to call a house
⑤ Guard call button: Used to call guard
⑥ Lobby call button: Used to call lobby
⑦ Door opening button: You can open the automatic door of the lobby while communicating with the lobby phone
⑧ Jog Shuttle: Used as the menu selection and confirmation button
⑨ Microphone: Used for hands-free call
⑩ Speaker: Voice is output during ring tone and hands-free call
⑪ Tel Button: Used for accessing the call menu
⑫ Absence setting button: Used when setting absence
⑬ Administrator setting button: Used to enter the configuration menu
⑭ Emergency button: Used to stop emergency transmission and Emergency sounds received

⑮ Terminal for upgrade: Used when upgrading the software of the product (For installer)
⑯ Power switch: Turns the product on or off
⑰ Cradle for product fixing: It is basically assembled in one stage and released (OPTION: You can increase the angle of the product by assembling it in two stages.)
⑱ Guide groove for installation wiring
⑲ Home network(LAN) main wiring connector
⑳ Interactive intercom connection terminal
㉑ DC Power supply connection terminal
㉒ Lobby video input / output terminal
㉓ Door connection terminal

Product Specifications

ASTRO KGP-70KA	
Product name	Guard phone
Input power type	12V --- / 1.5A 4W(In stand-by), 11W(In operating)
Display	7-inch digital LCD
DATA method	TCP/IP
Talking method	Handset & Handsfree (1WAY)
Call and image retention time	Waiting time after call is about 30 seconds, about 3 minutes during the talk
Exterior material	Injection(ABS) , PC
Size	256(W) x 225(H) x 40(D)mm
Operation guaranteed temperature	0℃ ∼ 40℃
Built-in Camera Resolution/Angle	CMOS 520,000 pixels / 90 ˚

Wiring specifications

- Home network LAN main wring: CAT5 UTP 4P x 1
- Landline wiring: 2-wire (Non-polarized)
- Video output wiring: Coaxial cable (5C-FB) x 1
- Sensor wiring : 2-wire (Non-polarized)
- Door connection wiring : 2-wire (Non-polarized)

Product components

- ASTRO KGP-70KA
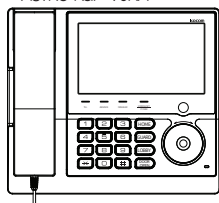
- Lobby video input / output connection wiring

- DC Power supply connection wiring

- DC contact connection wiring

- Power supply 12V / 1.5A

Product terminal
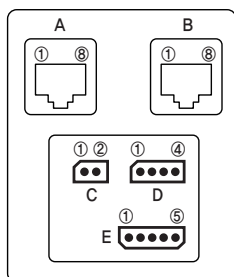
A. ETHERNET (Home Network Line)
① TX+ (W/Orange)
② TX- (Orange)
③ RX+ (W/Green)
④ NC (Blue)
⑤ NC (W/Blue)
⑥ RX- (Green)
⑦ NC (W/Brown)
⑧ NC (Brown)

B. LANDLINE (TEL LINE)
① NC
② NC
③ NC
④ TIP
⑤ RING
⑥ NC
⑦ NC
⑧ NC

D. SENSOR&VIDEO (Sensor input, video output)
① DC 12V OUT
② SENSOR 1
③ VIDEO OUT+
④ GND

C. POWER INPUT (DC Adapter connection)
① 12V
② GND

E. DOOR (DC contact connection)
① NC
② NC
③ NO(DC)
④ COM(DC)
⑤ NC(DC)

Main screen icon description
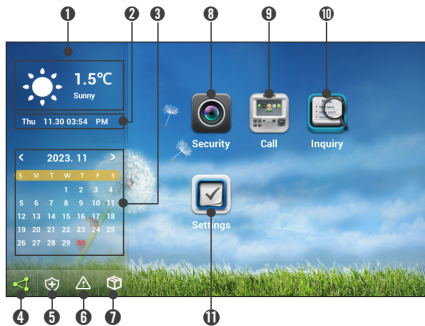
❶ Weather Information: The availability of weather information is determined based on the on-site conditions.

❷ Current Time: The current time is displayed when connected to the community server.

❸ Calendar: The current date is displayed in red, and you can check the calendar.

❹ Status Indicator [◁]: ◁ (Green) Both community server and call server are connected.
◁ (Yellow) Only the call server is connected.
◁ (Yellow) Only the community server is connected.
◁ (Red) Neither server is connected.

❺ Status Indicator [⊕]: Touch the icon to navigate to the security list view screen.

❻ Status Indicator [△]: Touch the icon to navigate to the safety confirmation screen.
(Displayed only when safety confirmation specifications are added)

❼ Status Indicator [⊕]: Touch the icon to navigate to the manned delivery screen.
(Displayed only when safety confirmation specifications are added)

❽ Security: Touch the icon to navigate to the security screen.

❾ Call: Touch the icon to navigate to the call screen.

❿ Inquiry: Touch the icon to navigate to the inquiry screen.

⓫ Settings: Touch the icon to navigate to the settings screen.

Sub-screen icon description

❶ Home: Select the home icon to go to the main screen

❷ Help: Displays a help screen.

❸ Security: Displays a security screen.

❹ Call: Displays a call screen

❺ Inquiry: Displays a inquiry screen

❻ Setting: Displays a setup screen

❼ Sub-screen: Displays a detailed setup screen for each function

Help screen
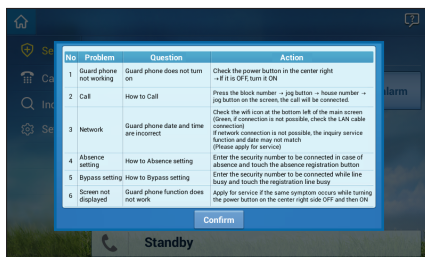
Help pop-up screen (The screen will close when you touch the Confirm button.)

Security menu guide

This feature displays security incidents and a list of security events generated by interconnected products.
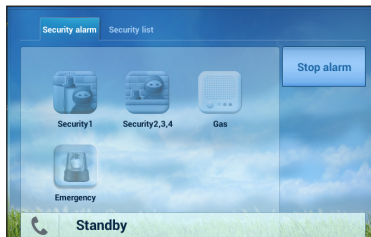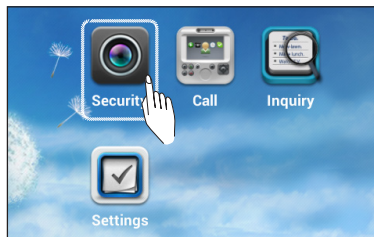
1. Lift the intercom handset or touch the screen (if the LCD is off)

2. On the main screen, press the [Security] icon.
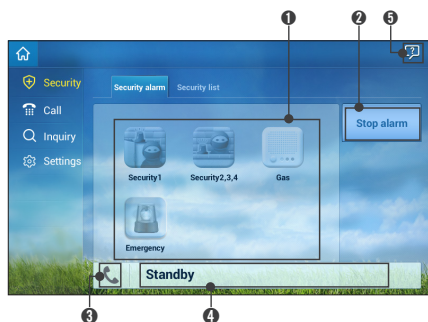
3. Navigate to the following screen.

ⓘ Menu

Security alarm · **Security alarm** This screen provides information about security incidents generated by interconnected products.

Security list · **Security list** This screen allows you to view a list of security events that have occurred in the residence.

Security alarm

❶ When a security incident occurs in the residence, the corresponding security icon flashes, and an emergency message is displayed.

❷ To stop the alarm sound when a security incident occurs, touch the [Stop alarm] button.

❸ When a security incident occurs, touching the phone-shaped button connects you to the corresponding residence. (This function is also performed by clicking the JOG button.)

❹ When a security situation arises, the screen displays the corresponding unit number, security type, and occurrence status.
ex : 📞 Security alarm in 0101B, 0107H

❺ Touching the icon displays a brief manual.

Security list

❶ The security incident confirmation list for each residence can store up to a maximum of 100 entries. When the storage limit is reached, older data is deleted in chronological order, making room for new data.

※ The confirmation status, whether confirmed or unconfirmed, is determined when the security office communicates with the respective residence during a security incident. If confirmed, it is marked as such; otherwise, it is labeled as unconfirmed.

ⓘ Note!

※ You can navigate between pages (previous/next) by swiping on the screen.

Call menu guide

It is a menu for smooth communication between residents.
Communication of Household, Guard/Office, Lobby, Standard phone is possible
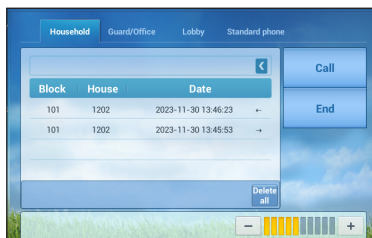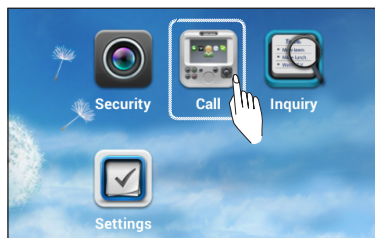
1. Lift the intercom handset or touch the screen (if the LCD is off)

2. On the main screen, press the [Call] icon.

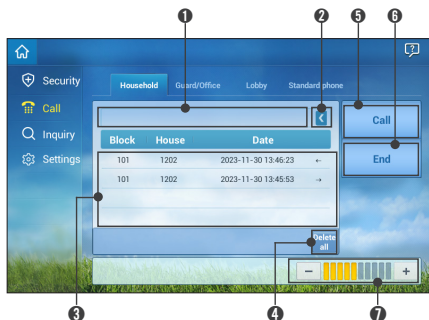3. Navigate to the following screen.

ⓘ Menu

Household · Household	House call and talk are available.	**Guard/Office** · Guard/Office — Call and talk of Guard/Office are available.
Lobby · Lobby	You can check the video of the guest who is currently visiting.	**Standard phone** · Standard phone — This function provides Standard phone capabilities.

ⓘ Note!

1. The communication screens for units, common entrance, guard office, and management office are common with the main screen. In the case of the guard office, the screen displays their own Guard phone. Additionally, communication with the common entrance, guard office, and management office shows the video feed of the other party.

2. ⊙ Tips for Using the Jog Button
  ① Adjust the volume of the incoming call during communication.
  ② Use the jog button as the confirmation button to proceed to the next step after entering the calling number.

3. You can navigate between pages (previous/next) by swiping on the screen.

Household standby screen

❶ When entering numbers on the guard phone 10-key, the entered digits are displayed. Pressing the ✳ button or clicking the JOG button shows the building number, and pressing the # button or clicking the JOG button shows the unit number, initiating a call to the corresponding residence.

❷ Short touches delete one digit, while long presses delete the entire input. (The list stores a maximum of 100 entries, and when exceeded, older data is deleted in chronological order to make room for new entries.)

❸ Call history display: → indicates outgoing calls, ← indicates incoming calls.

❹ Touching [Delete all] deletes the entire list.

❺ After entering the building and unit number, touching the screen connects the call to the corresponding house.

❻ During a call with a house, touching [End] terminates the call.

❼ While in standby mode, adjusting the volume controls the call ringtone, and during a call, it adjusts the call volume.

Household call

■ When calling to a house
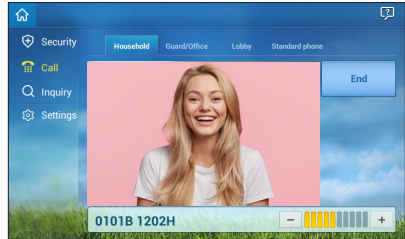
1. Press the [Household] icon.
2. Press the building and unit number you wish to call, then touch the [Call] button or click the JOG button to connect with the corresponding device.
   − Once the call is initiated, the guard office's video feed appears on the screen.
   − The corresponding call ringtone plays through the speaker.
   − When the residence answers, the call is connected (call duration: 3 minutes).
   − If there is no response from the residence within 30 seconds, the call is automatically canceled.
3. During the call, lowering the intercom handset, touching the [End] button, or clicking the JOG button ends the call.

ⓘ *Calling Using Function Keys!*
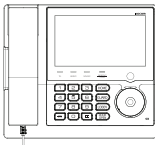
1. Press the (HOME) key on the front of the device.
2. Use the dial pad to select the corresponding building and unit number.
   ex) To call 101 in Building 101 (① + ⓪ + ① + Jog Confirmation Button + ① + ⓪ + ① + Jog Confirmation Button)
3. The call is directed to the specified house.
4. Subsequent actions are the same as calling through the UI method.

■ When there is a call from a house
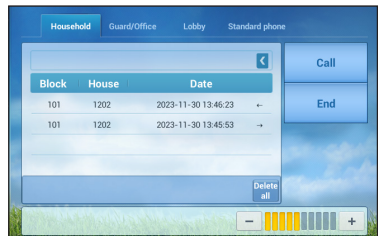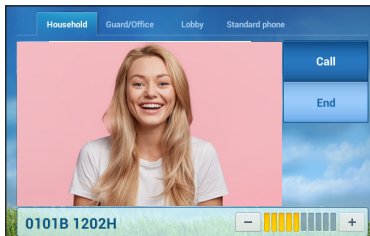
1. The house call tone rings on the guard phone, and the house call screen is displayed. (Call waiting time: 30 seconds)
2. Picking up the handset connects the call. (Talk time: 3 minutes)
   (Note: For hands−free communication, press the [Call] icon or jog confirmation button while the intercom handset is down.)
3. During the call, lowering the intercom handset or touching the [End] icon ends the conversation.

Guard/Office call standby screen

❶ When entering numbers on the guard phone 10-key, the entered digits are displayed. Pressing the ＊ button or clicking the JOG button shows the building number, and pressing the # button or clicking the JOG button shows the unit number, initiating a call to the corresponding residence.

❷ Short touches delete one digit, while long presses delete the entire input. (The list stores a maximum of 100 entries, and when exceeded, older data is deleted in chronological order to make room for new entries.)

❸ Call history display: → indicates outgoing calls, ← indicates incoming calls.

❹ Touching [Delet all] deletes the entire list.

❺ Touching after entering the security office number connects the call to the corresponding security office.

❻ During a call with the security office, touching [End] terminates the call.

❼ While in standby mode, adjusting the volume controls the call ringtone, and during a call, it adjusts the call volume.

Guard/Office call

■ When calling to a Guard/Office

1. Press the [Guard/Office] icon.
2. Press the guard office number, followed by the Jog Confirmation Button.
   - Once the call is initiated, the video feed from the corresponding guard office is displayed on the screen.
   - The corresponding call ringtone plays through the speaker.
   - When the guard office answers, the call is connected (call duration: 3 minutes).
   - If there is no response from the guard office within 30 seconds, the call is automatically canceled.
3. During the call, lowering the intercom handset or touching the [End] icon ends the conversation.

┌─① Calling Using Function Keys! ├─
1. Press the front-facing (GUARD) key on the device.
2. Use the dial pad to select the corresponding guard number.
   ex) To call Guard #10 (①+⓪+ Jog Confirmation Button)
3. The call is directed to the specified guard.
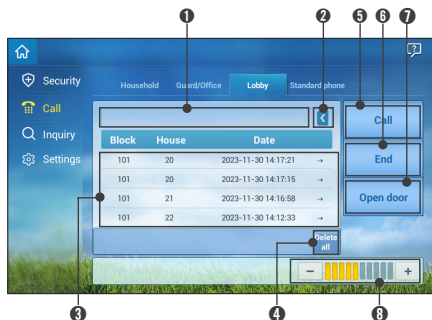4. Subsequent actions are the same as calling through the UI method.

■ When a Call is Received from a Guard/Office
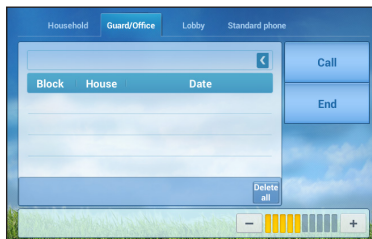
1. The call tone rings on the guard phone, and the guard call screen is displayed. (Call waiting time: 30 seconds)
2. Picking up the handset connects the call. (Talk time: 3 minutes)
   (Note: For hands-free communication, press the [Call] icon or jog confirmation button while the intercom handset is down.)
3. During the call, lowering the intercom handset or touching the [End] icon ends the conversation.

Lobby call standby screen

❶ When entering numbers on the guard phone 10-key, the entered digits are displayed. Pressing the ＊ button or clicking the JOG button shows the building number, and pressing the # button or clicking the JOG button shows the unit number, initiating a call to the corresponding residence.

❷ Short touches delete one digit, while long presses delete the entire input. (The list stores a maximum of 100 entries, and when exceeded, older data is deleted in chronological order to make room for new entries.)

❸ Call history display: → indicates outgoing calls, ← indicates incoming calls.

❹ Touching [Delete all] deletes the entire list.

❺ Touching after entering the security office number connects the call to the corresponding security office.

❻ During a call with the security office, touching [End] terminates the call.

❼ Touching during the call will open the main entrance door.

❽ While in standby mode, adjusting the volume controls the call ringtone, and during a call, it adjusts the call volume.

Lobby call

■ When calling to a Lobby phone
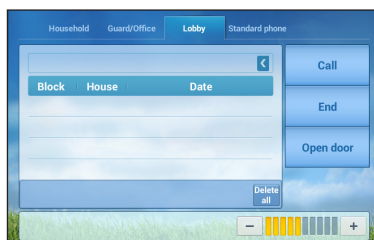
1. Press the [Lobby] icon.
2. Press the Lobby phone number, followed by the Jog Confirmation Button.
   - Once the call is initiated, the video feed from the corresponding security office is displayed on the screen.
   - The corresponding call ringtone plays through the speaker.
   - The call will be connected to the corresponding lobby phone. (call duration: 3 minutes).
   - If the lobby phone is already in a call, the call will be automatically canceled.
3. If you press the [Open door] button during the call, the door will open.
4. During the call, lowering the intercom handset or touching the [End] icon ends the conversation.
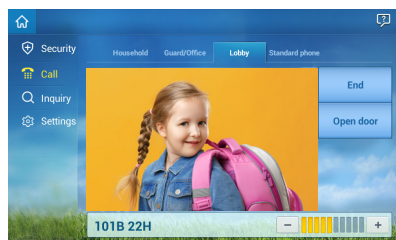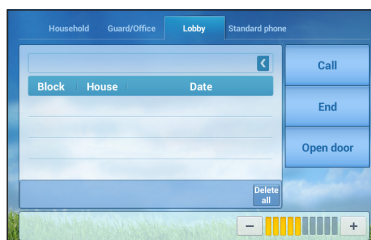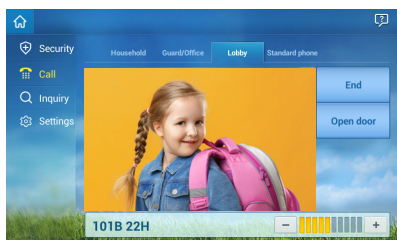
─┤ ① Calling Using Function Keys! ├─

1. Press the front-facing (LOBBY) key on the device.
2. Use the dial pad to select the corresponding Lobby number.
   ex) To call Lobby #10 (①+ ⓪+ Jog Confirmation Button)
3. The call is directed to the specified Lobby.
4. Subsequent actions are the same as calling through the UI method.
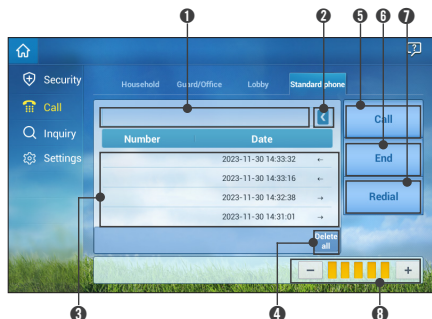
■ When a Call is Received from a Lobby phone

1. The lobby call tone plays through the speaker, displaying the called lobby number.
   (The call is automatically canceled if no response is received within 30 seconds.)
2. Lifting the intercom handset connects the call. (Call duration: 3 minutes)
   (Note: For hands-free communication, press the call icon or jog confirmation button while the intercom handset is down.)
   - You can verify the visitor.
   - During the call, you can open and close the automatic door by pressing the [Open door] button.
3. Lowering the intercom handset or touching the [End] icon during the call ends the conversation.
   (If you opened the automatic door by pressing the [Open door] button, the call ends automatically.)

Standard phone standby screen

❶ When entering numbers on the guard phone 10-key, the entered digits are displayed. Pressing the ＊ button or clicking the JOG button shows the building number, and pressing the # button or clicking the JOG button shows the unit number, initiating a call to the corresponding residence.

❷ Short touches delete one digit, while long presses delete the entire input. (The list stores a maximum of 100 entries, and when exceeded, older data is deleted in chronological order to make room for new entries.)

❸ Call history display: → indicates outgoing calls, ← indicates incoming calls.

❹ Touching [Delet all] deletes the entire list.

❺ After entering the building and unit number, touching the screen connects the call to the corresponding house.

❻ During a call with a house, touching [End] terminates the call.

❼ Displays the recent numbers dialed after entering the outgoing number.

❽ While in standby mode, adjusting the volume controls the call ringtone, and during a call, it adjusts the call volume.

Standard phone

■ When outgoing call(When the guard phone is powered)
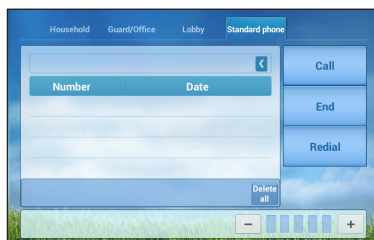
┤ⓘ Calling Using Function Keys! ├

1. Press the front-facing (TEL) button on the device.
2. Use the dial pad to select the corresponding phone number.
3. The call is directed to the specified phone number.
4. Subsequent actions are the same as calling through the UI method.

1. Press the [Standard phone] icon.
2. Touch the [Call] icon on the screen.
3. Dial the desired phone number. (The call will be connected when the other party answers.)
4. Lowering the intercom handset or touching the [End] icon during the call ends the conversation.

### ■ When receiving a call(When the guard phone is powered)
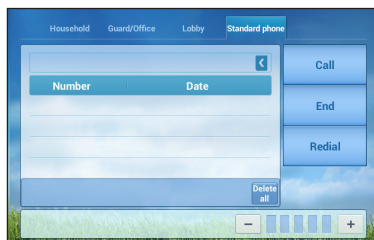
1. The phone call ringtone plays through the speaker.
2. Lifting the intercom handset connects the call.
   (Note: For hands-free communication, press the [Call] icon or jog confirmation button while the intercom handset is down.)
3. Lowering the intercom handset or touching the [End] icon during the call ends the conversation.

■ When outgoing/receiving a call (When the guard phone is OFF)

※The landline function of this product does not operate when the power is OFF.

Inquiry menu guide
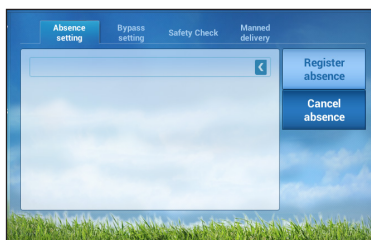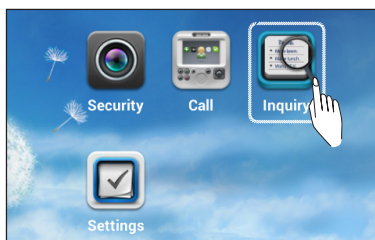
1. Lift the intercom handset or touch the screen. (If the LCD is off)

2. On the main screen, press the [Inquiry] icon.

3. The screen transitions to the following.

ⓘ Menu

Absence setting · Absence setting	Allows redirection to the registered guard office in case of absence.	
Bypass setting · Bypass setting	Permits redirection to the guard office in case of absence.	
Safety Check · Safety check	Enables the confirmation of the safety of elderly individuals living alone.	
Manned delivery · Manned delivery	Allows checking of manned delivery history.	

Absence setting
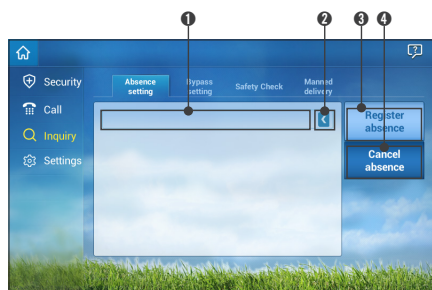
❶ Displays the 10-key input information for absence setting.
❷ Short touch: Deletes one digit; Long touch: Deletes all input information.
❸ When setting absence, the button turns blue (enable), and when canceling absence, the cancel absence button is enabled, and the stored content is deleted.

※ Enabling this feature to another security office during outings or other tasks will change the call communication to that security office for security, main entrance, and unit calls.

ⓘ Calling Using Function Keys!
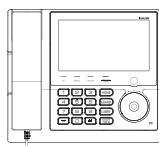
1. Press the front-facing (Absence) key on the device.
2. Tap the Absence setting icon.
3. Tap the Absence registration icon.
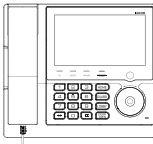
Bypass setting
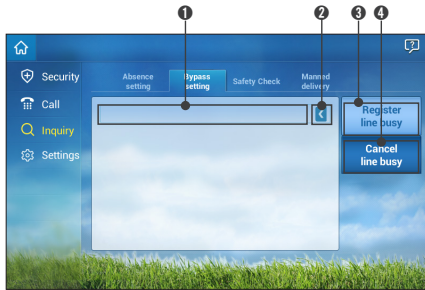
❶ Displays the 10-key input information for bypass setting.
❷ Short touch: Deletes one digit; Long touch: Deletes all input information.
❸ During a call registration, the [Register line busy] button is applied in blue.
❹ During a call cancellation, the [Cancel line busy]button is applied in blue, and the stored content is deleted.

※ This function, when the security office system is in a call, changes the call communication to the stored security office when called from another device.

⚠ *Calling Using Function Keys!*

1. Press the front-facing (Absence) key on the device.
2. Tap the Bypass setting icon.
3. Enter the guard office number to Bypass on the UI screen.
4. Press the [Register line busy] icon to register during a call.

Safety Check
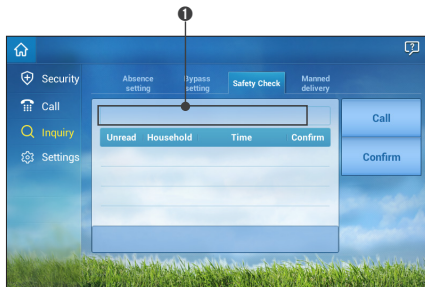
❶ The safety confirmation function displays units in homes of vulnerable residents where electricity, water, gas, hot water, and heating values have not changed during a specific set time. Clicking on the list shows the unit number, and by touching the [Call] button, you can call the corresponding unit.

※ The availability of the safety confirmation function may vary depending on on-site specifications.

⚠ *Note!*

※ You can navigate between pages using screen swiping (previous/next).

Manned delivery
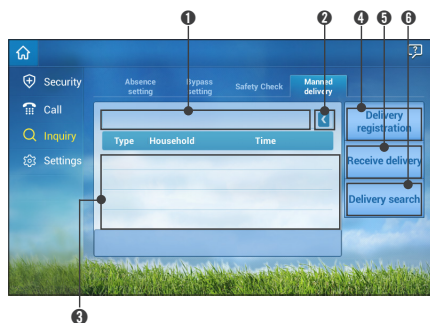
❶ When entering the 10-digit code on the security panel, the entered building and unit number are displayed. Pressing the ✳ button shows the building number, and pressing the # button shows the unit number.

❷ Short touch deletes one digit, and a long touch deletes all input information. (The list can store a maximum of 100 entries. When exceeded, older data is deleted first, and new data is saved.)

❸ You can check the status of deliveries.

❹ You can register a new delivery.

❺ You can process the receipt of a delivery.

❻ You can search for deliveries and perform registration or receipt processes.

┤ ⓘ Note! ├
※ You can navigate between pages using screen swiping (previous/next).

┤ ⓘ To register a Delivery! ├

1. Navigate to the above screen.
2. Use the dial buttons to select the building/unit number.
   For example, for manned delivery 101 in building 101:
   (① + ⓪ + ① + Jog confirmation button + ① + ⓪ + ① + Jog confirmation button)
3. Press the [Delivery registration] icon to register the delivery.

☑ Settings menu guide

A menu that allows easy configuration of the Guard phone settings.

   ▶
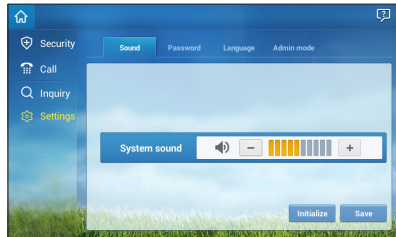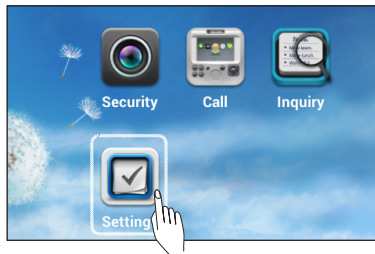
1. Lift the handset.

2. Press the ☑ [Settings] icon on the main screen.

3. Navigate to the following screen.

ⓘ *Menu*

| **Sound** · Sound | Adjust the volume of the call ring and voice prompts. | **Password** · Password | Set the password for the common entrance. |
| **Language** · Language | Set the display language on the screen. | **Admin mode** · Admin Mode | Settings managed by the administrator. |

Sound
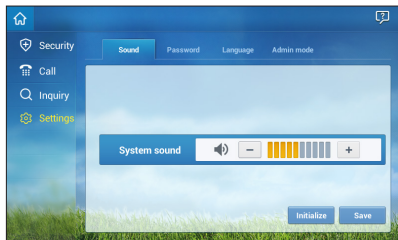
1. Adjust the volume of various guidance announcements.
2. Touch the [Initailize] icon to set the volume value to 5.
3. Touch the [Save] icon to save the currently configured value.

Password

   ▶
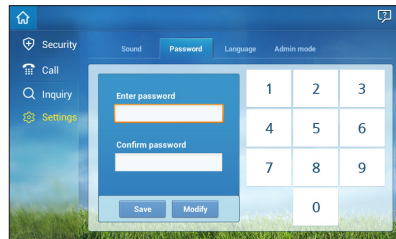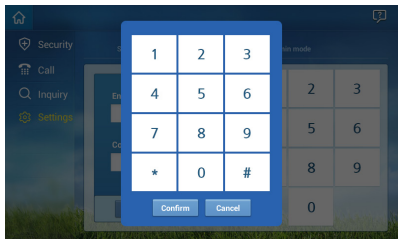
1. When entering the guard office password (for common entrance), a screen for entering the password will appear.
2. The initial password is "9999," and you can also enter the password screen by entering 15770051.
3. Setting a password will configure the common entrance password for that guard office.
   ※ Passwords can be set with four digits.
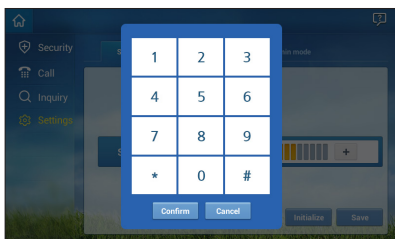
Language
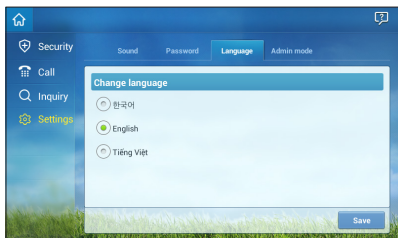
1. Set the language displayed on the screen, including guidance messages.
2. Touch the [SAVE] button to apply the current language settings.

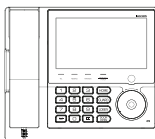## Admin mode

⊣ ① *Precautions* ⊢

Administrator Mode functionality is restricted for regular users.
(No responsibility is taken for any issues arising from misuse.)

■ Reset Functionality

1. Enter the password on the administrator screen. (56266 → Confirm)
2. Touch the [Initialize] icon.
   ※ The product reset takes a considerable amount of time, and after the reset, the default settings will be applied.
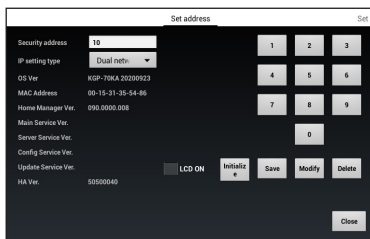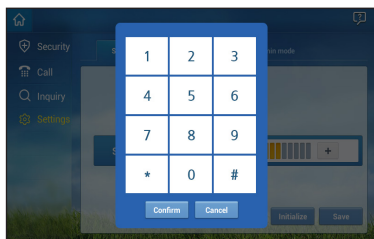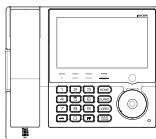
⊣ ① *Calling Using Function Keys!* ⊢

1. Press the (MANAGER) key on the front of the device.
2. Enter the password on the administrator screen. (56266 → Confirm)

3. Press the [Intialize] icon.
   (※ Resetting the product takes a considerable amount of time, and after the reset, it will be applied to the default settings.)

Admin mode

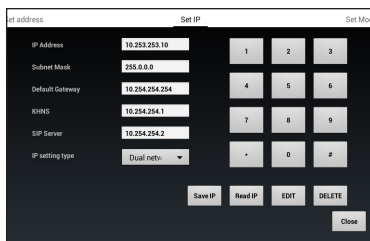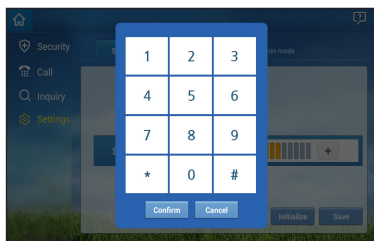## ■ Guard/Office mode setting functionality

1. Enter the password on the administrator screen. (56266 → Confirm)
2. Tap the [Set address] icon.
3. Enter the guard office number in the guard address. (Can be entered from 00 to 99)
4. Tap the [SAVE] icon.
5. If the guard number is 99, it is set as the master for the Integrated Management Office operation.
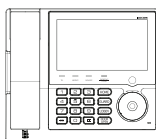
ⓘ *Calling Using Function Keys!*

1. Press the (MANAGER) key on the front of the product.
2. Enter the password on the administrator screen.
   (56266 → Confirm)
3. Tap the [Set address] icon.

4. Enter the guard office number in the guard address.
   (You can enter from 00 to 99)
5. Tap the [SAVE] icon.
6. If the guard number is set to 99, it operates as the master of the integrated management office.

■ IP Configuration Function

1. Enter the password on the administrator screen. (56266 → Confirm)
2. Tap the [Set IP] icon.
3. Enter the IP in the Set IP.
4. Tap the [Save IP] icon.
5. If the guard number is 99, it is set to operate as the Integrated Management Office master.

ⓘ *Calling Using Function Keys!*

1. Press the (MANAGER) key on the front of the product.
2. Enter the password on the administrator screen.
   (56266 → Confirm)
3. Tap the [Set IP] icon.

4. Enter the IP in the SET IP.
5. Tap the [Save IP] icon.
6. If the guard number is 99, it is set to operate as the Integrated Management Office master.
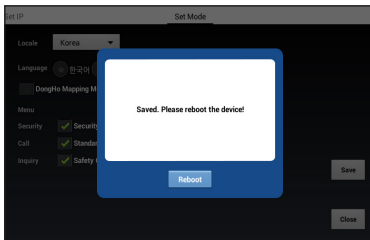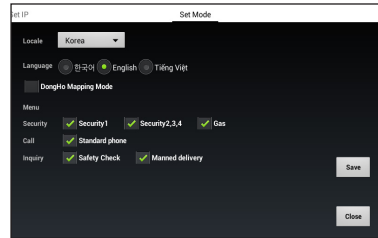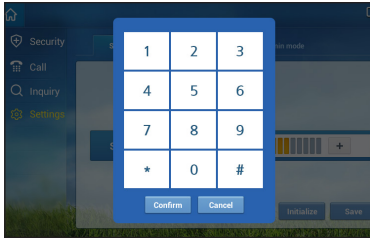
Admin mode

■ Mode setting function

1. Enter the administrator screen and input the password. (56266 → Confirm)
2. Press the [Set Mode] icon.
3. Configure the display settings for Language, Unit mapping, Security, Standard phone, Safety check, and Manned delivery based on the security specifications.
4. Press the [Save] icon.
5. Press the [Reboot] icon to restart the terminal and apply the settings.

Other functions

■ DC Contact Operation Function
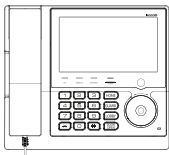
1. Press the (DOOR OPEN) key on the front of the device.
2. The DC contact operates for a certain period and then stops.

■ Reset Function

1. Reset occurs by turning the power switch on the side of the device OFF and then ON.

MEMO

MEMO

MEMO

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.

Before requesting repair for a malfunction, please refer to the 7P manual in this guide for assistance. If issues persist after checking, please contact the nearest KOCOM service center for further assistance.

KOCOM CO.,LTD. www.kocom.co.kr

ASTRO KGP-70KA	X1205

■ This manual is based on the latest information available and is subject to change without prior notice for quality improvement.