

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

<b>PRODUCT</b>	
<b>MODEL</b>	
<b>DATE PURCHASED</b>	
<b>WARRANTY PERIOD</b>	
<b>AGENCY ADDRESS</b>	

▶ **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.



<http://www.kocom.com>

E-mail : [export@kocom.co.kr](mailto:export@kocom.co.kr)

This manual is based on the date as shown in the right and specifications are subject to change without notice for quality improvement

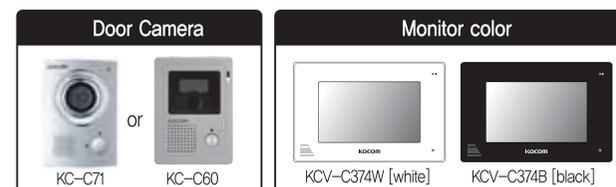
KCV-C374	12.06.13
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# KCV-C374 Manual

[ 7Inch digital color LCD videophone ]

## DIGITAL COLOR HANDSFREE VIDEOPHONE

- Compact Mini-type Design
- Digital Color LCD Monitor
- Operation Status Display as English OSD



# 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 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.
- 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 powder 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.

## Operation Method

### When there is call from Guard Room to Monitor

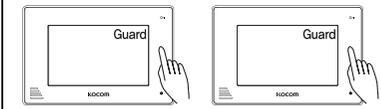


Guard Room makes call to the Monitor. Monitor sounds the Guard Call tone.

Press Guard button or Call button to connect the call. (Call time : 3 min.) [Guard- Yellow blink]

Press the Guard button or Call button one more time to close the call. [Guard- Red Blink]

### When making call from Monitor to the Guard Room



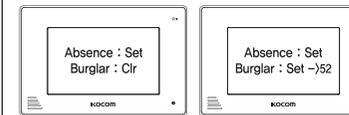
Press the Guard Room button, (Call is directed to the Guard Room.) [Guard- White blink]

Call is connected when the Guard Room answers the call. Press Guard button again to close the call. The call is automatically closed after 3 minutes if the button is not pressed. [Guard- Red blink]

### When there is a call from Door Camera during calling with Guard Room

- Calling with the Guard Room is maintained, and Door Camera video is displayed at the Monitor screen.
- Call with visitor is connected when pressing Call button after the call with Guard Room is closed.

### How to Set and Clear Absence / Burglar alarm Mode



When you push Absence button once, Absence mode is ON and [Absence : Set] is displayed. And if you push Absence button once more, Burglar alarm mode is ON and [Burglar : Set] is displayed. At the third time pushing Absence button, both Absence and Burglar alarm mode are OFF.

#### - To Set Absence / Burglar alarm Mode ON

When you go out, press Absence button twice to set both Leave and Security Mode ON. Burglar alarm will be activated after 60 seconds and you must go out of the house in 60 seconds. [Power Supply LED blinks during 60 seconds]

If you still stay inside of the house after 60 seconds and the door is closed, Burglar sensor will be activated. But in this case, if the door is opened, emergency melody occurs and informs this situation to Guard.

※ If a visitor makes a call when Absence mode is ON, this call goes to Guard automatically.

#### - To Cancel Absence / Burglar alarm Mode

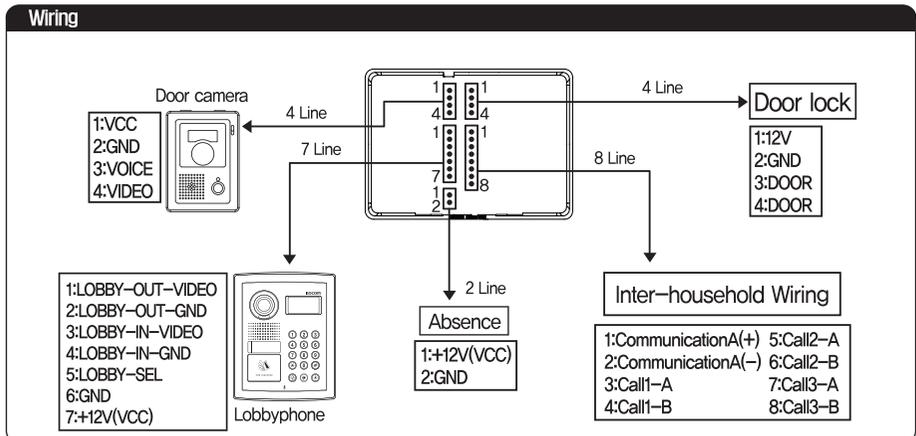
When you return, you must cancel both modes in 60 seconds by pressing Absence button.

In case of overtime, emergency melody occurs on the monitor. [LED on the monitor blinks]

※ Only when burglar sensor is connected, changing burglar mode is possible. If not, "Sensor off" is displayed.

## Product Wiring

※ Be sure to make wiring as shown below, then turn the monitor power [ON] to check the correct operation.

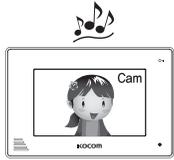


## Operation Method

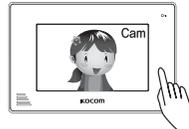
### ■ When there is a call from Door Camera to Monitor



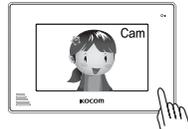
Visitor presses the Call button. The camera speaker sounds the call tone, and call signal is sent to monitor.



Connected monitor sounds the Call tone, and visitor's video is displayed to the screen. (Image turn-on time : 30 sec) [Cam- Yellow blink]



Press the Call button to talk with the visitor. (Call time : 3 min.) [Cam- Red blink]



Open the door by pressing Door Open button. The call is automatically closed around 5 seconds after pressing the Door Open button, (when Link type door open is installed-Option) [Cam- Red blink]

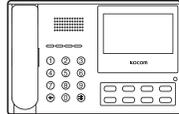
### ■ Lobby and Household Door Bypass Call Function



[Set] leave by pressing Absence button before going out. (LED blink)



The call is redirected to the Guard Room when visitor calls from Lobby or Household Door when it is set as Leave.



Call is connected to Guard Room, and the guard informs that the household is on leave.



If you release a leave mode after returning, please change the mode into [Clr] by pressing a Absence button Leave.

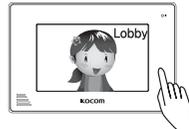
### ■ When there is a call from the Lobby to the Monitor:



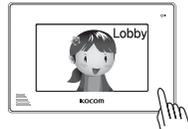
Visitor calls household by pressing Building & House Number at the Lobby.



Connected monitor sounds the call tone, and screen displays the visitor's video. (Image turn-on time : 30 sec) [Lobby- Yellow blink]



Press the Call button to talk with the visitor. (Call time : 3 min.) [Lobby- Red blink]



Open the common gate by pressing Door Open button. (when Link type door open is installed-Option) [Lobby- Red blink]

### ▶ 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

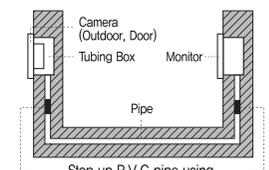
- Separate the AC/DC lines with the hook of the wall-mounted type when installing. · Connect the lines after peeling the wires properly
- Do not distribute signal line with AC line. · Use the designed driver to connect the lines to terminal
- Do not clean the LCD with the damp cloth for cleaning. Use 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 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

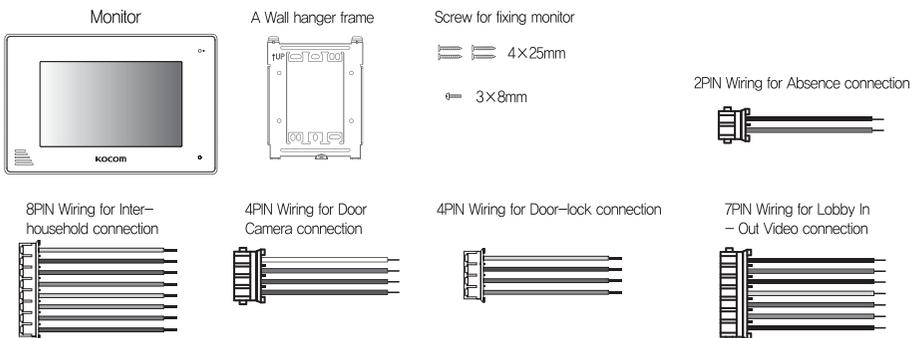
- In some cases there is occurrence of product destruction, malfunction, noise mixing and picture quality deterioration due to mixing of other tool's induced voltage or thunder with communication wiring of monitor/camera, monitor/extended monitor. Do not wire with power line such as outdoor wiring or 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.
- 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.



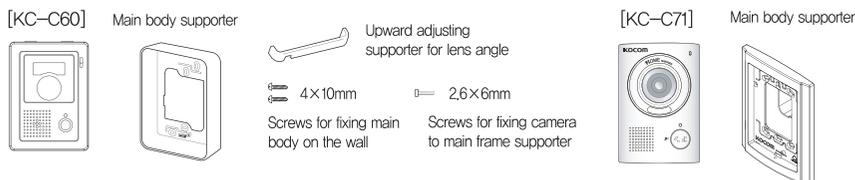
Stop up P.V.C pipe using adiabatic substances, to prevent air circulation

## Product Configuration

### ■ Monitor Component

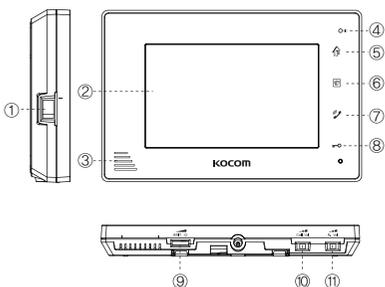


### ■ Door camera Component



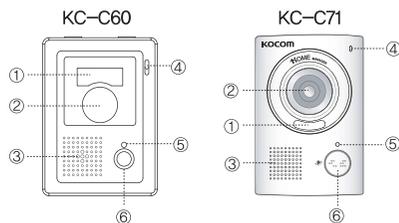
## Function and Description of each Parts

### ■ Monitor



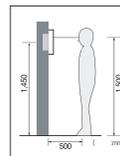
①	Power Switch : ON / OFF the input AC power
②	Monitor Screen (LCD) : Display the Door Camera video
③	Speaker : Sound the Door Camera receiving sound.
④	Mic : Voice Input Microphone
⑤	Absence Button : Set the Leave Status
⑥	Guard Button : Used to make call to Guard Room
⑦	Call Button : Used to talk when there is call from Guard, Door, Lobby.
⑧	Door Open Button : Open Household Door or Common Door during call
⑨	BRIT : Adjust Brightness of screen during call using the Control Knob
⑩	Call Vol : Adjust Calling Sound Volume in 3 stages
⑪	R. Vol : Adjust Receiving Sound Volume in 3 stages

### ■ Door camera

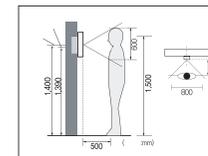


①	LED : LED to recognize night time visitor
②	Door Camera Lens : Transfer camera image to monitor
③	Speaker : Transfer the receiving sound from monitor.
④	Microphone
⑤	Power Supply LED
⑥	Call Button

## Installation location

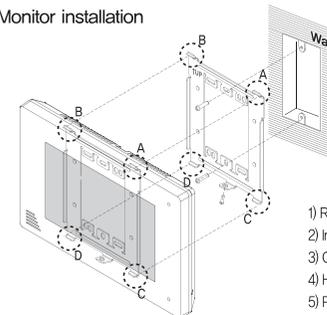


■ Monitor installation location  
· Standard monitor installation height is about 1,500mm where screen center is at eye level.  
In this case, wall-hanging metal center (center of piping) is 1,450mm above ground level.



■ Camera installation location  
· Camera installation in height Standard camera installation height is when lens is about 1,400mm above the floor. In this case, camera stack center (piping box) is above 1,390mm above ground level.

### ■ Monitor installation

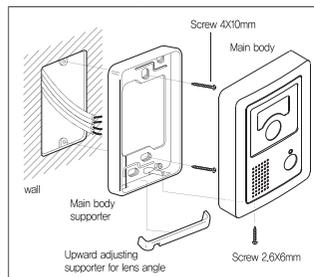


- 1) Remove wall-hanger bracket metal behind monitor.  
2) Install wall-hanger bracket metal on 1 type box or wall with attached Vis.  
3) Connect wiring to monitor back terminal referring to product connection diagram.  
4) Hang monitor on wall-hanging metal, and fix monitor on wall-hanger bracket metal using attached Vis.  
5) Plug monitor's power plug into consent and check to see if the power switch is [ON] on the left side of monitor.

### ■ Directly connecting cut-off power cord with power wire

- 1) Do not do such electric work on your own. Installing product in this way requires reliance on electric installation man with electric work license.  
2) Insulate with insulating tape while cutting off power cord and connecting with power wire so electric wire metal does not expose. Contact between exposed electric wires cause fire or electric shock accident.  
3) Such electric work requires connection after interception of supplied power.

### ■ KC-C60 installation



#### Straight Ahead Installation



After attach the body supporter with 2screws, put the Door Camera into the grooves of body supporter, and then fix it with a screw.

#### Looking [Upward] Installation



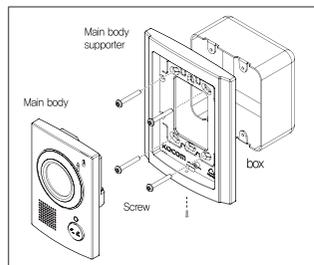
After attach the body supporter with 2screws, insert the upward support into the upward groove of body supporter, and then fix it with a screw.

#### Looking [Downward] Installation



After attach the body supporter with 2screws, insert the Door Camera into the downward control groove, and then fix it with a screw.

### ■ KC-C71 installation



※ You can adjust lens location by moving the lens adjustment ball up/down/left/right at the back of camera.



## Specifications

Model number	KCV-C374W / KCV-C374B
Power Source	AC 220V/60Hz
Operating Temperature	0°C ~ 40°C
LCD	7inch Digital LCD
Wiring	①Link with Inter-household → Polarized 8 lines ②Link with Door Camera → Polarized 4lines
Communication System	Handfree type
Mount Type	Surface mount
Dimension	222 (W) x 144 (H) x 33 (D)mm
Wire length	Door Camera: 30m UTP CAT.5E Standard Distance 600m(between Guard Room and Household)