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**KOCOM**<sup>®</sup>  
DIGITAL HOME NETWORK

# Kitchen TV Phone KTD-510

## User's Manual



- \_ Private door camera communication, Door open.
- \_ Calling guard office.
- \_ Lobby phone communication, Door open.
- \_ Telephone (receiving / calling).
- \_ Visitor check at either private door camera or lobby by using LCD monitor.
- \_ Radio, TV, Voice Record.

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## Step 1. Introduction of Product

### [1] About this manual

It is important to read this user's manual carefully.

It contains information necessary to use your Kitchen TV phone.

This user's manual describes the features, functions and use of the Kitchen TV phone.

Also, if you have any problem while using your kitchen TV phone, please refer to trouble-shooting section on this manual.



### [2] Important safety and instructions

Always follow these basic safety precautions when using Kitchen TV phone.

This will reduce the risk of fire, electric shock, and injury.

Please read and understand all the instructions before processing.

1. At the time of installing this equipment, avoid the place where under direct sunshine or reflective light.
2. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
3. Do not stock on the power line.
4. To reduce the risk of fire or electric shock, do not expose kitchen TV phone to water or moisture.
5. Keep always from magnetic materials such as audio speaker.
6. Do not use liquid detergents or alcohol on body and monitors.  
Clean only with a dry cloth.
7. Do not force with excessive physical and mechanical stock.
8. The LCD monitor is designed to open or close within specified degree of slop.  
Do not force excessively to open or close LCD monitor panel. This may cause damage.
9. Do not disassemble this product. There are no user-serviceable parts inside.

## Step 2. Explanation of Product

### [1] Name of each parts



**KTD-510**

### [2] Explanation to button

- |                    |   |
|--------------------|---|
| (a) : POWER        | Turn On/Off.  |
| (b) : OPTION       | Each mode can change following order<br>TV-CATV-External Video-FM.                  |
| (c) : TEL          | Receiving or making a phone call.   |
| (d) : REDIAL       | Redial for last call received or transmitted possible.                              |
| (e) : CAMERA       | When visitors press Call button on Camera, users can communicate with the visitors. |
| (f) : SECURITY     | Entering the Security mode.   |
| (g) : RECIPE       | Toggling the Recipe mode and the Album mode.  |
| (h) : PLAY         | Replay last recorded voice.   |
| (i) : REC          | In Security mode, display captured pictures.  |
| (j) : TIME         | Record voice, In Security mode, capture camera images.                              |
| (k) : PRESET       | Users can adjust time.  |
| (l) : MEMORY       | Automatic channel selection function.   |
|                    | Memorizing channel or reproducing channel.  |
|                    | After pressing it for 3 seconds the channel would be memorized automatically.       |
| (m) : CHANNEL      | Adjust Channel.   |
| (n) : VOL          | Adjust volume.  |
| (o) : ADJUSTVOLUME | Adjust Bright, Tint, Color.   |

## Step 2. Explanation of Product

### [3] Explanation of LCD Window



VOL	Indicate present volume stage.
FM	Indicate FM Radio mode.
CATV	CATV-Indicate Cable TV. TV-Indicate TV.
AM	In clock mode, indicate 'Forenoon'.
PM	In clock mode, indicate 'Afternoon'.
ENTRANCE	When there is a calling from chime bell, it flickers.
TEL	Indicate telephone mode.
REC	Indicate Recording stage.
SECU	Indicate Security mode.
ALBUM	Indicate Picture Play mode.
RECIPE	Indicate External Video mode.
AUX	Replay recorded voice.
PLAY	Replay recorded voice.
PRESET	When users press PRESET button, Preset function will work.
ST	Indicate Stereo Mode.
MEM	In TV, FM mode, it flickers when users press 'Memory' button in order to memorize channel.
CH	Indicate present channel.
MHz,KHz	Indicate present frequency.
A	During turn it on, indicate time. In TV, CATV mode, indicate channel. In Radio mode, indicate frequency.
B	In Radio mode, indicate memorized frequency.

## Step 3. Standard Function

### [1] Standard Function

#### 1. How to turn it On/Off

##### 1-1. To Turn it On - Press POWER button.

- When users press POWER button, the unit is immediately supplied power and displayed the last stage.
- In case it is not supplied power, it displays present time and indicates present stage.

##### 1-2. To turn it Off-Press POWER button again.

- It changes to Time mode.

#### 2. How to set time

- When it is not supplied power, press "TIME" button then first two digits(indicate hours) on LED flickers. In this moment, you can set hour with Channel adjustment button (Up & Down).

(AM : Forenoon, PM : Afternoon).

- After setting hours and then push volume button(▲), last two digits(indicate minutes) flickers.

- In this moment, set minutes with Channel adjustment button (Up & Down).  
To finish Time setting mode, press TIME button.

#### 3. How to adjust each volume

##### 3-1. Adjust TV volume.

- In TV mode, adjust volume with volume button (Up, Down).

##### 3-2. Adjust Radio volume

- In the time of using radio, adjust radio volume with volume button (Up, Down).

##### 3-3. Adjust telephone ringing volume.

- In the time of telephone ringing, adjust radio volume with volume button (Up, Down).

##### 3-4. Adjust telephone volume.

- In the time of talking over the phone, adjust radio volume with volume button (Up, Down)

##### 3-5. Adjust videophone volume.

- In case of integrating with videophone, adjust video phone volume with volume button (Up,Down), in the time of talking to the camera or entrance.

##### 3-6. Adjust volume when playing recorded voice.

- In the time of playing recorded voice, adjust volume with volume button (Up, Down).

#### 4. Change mode with OPTION button

Users can enjoy watching TV, CATV, and hearing FM RADIO with our Kitchen TV phone.

- Turn it on with pressing 'Power' button.

- Under the condition of power supplied, it displays last stage. In this moment, once user can press OPTION button, the mode change the following order.

TV -----> CATV -----> External Video -----> FM

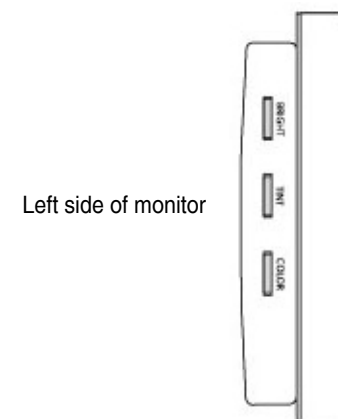
## [ 2 ] TV/CATV Function

1. How to select TV/CATV
  - Turn it on at first and then press OPTION button.
  - Select required mode(TV, CATV).
2. How to memorize channel
 

When channel function does not work, using channel button (Up/Down) or automatic scan function, channels can be memorized at one time.
- 2-1. Set channel one by one
  - When Preset function does not work, using channel button (Up/Down) move to required channel.
  - Once users find out required channel, press MEMORY button for 3 seconds. On the LCD displays MEM for instance.
- 2-2. Auto scan function
  - When Preset function work, press MEMORY button for 3 seconds.
  - Automatically change frequencies and memorize and stop.

### Important features

- ▶ Once users press PRESET button, Preset function work. If users press once more, Preset function quit.
  - ▶ When preset function does not work, channel move one by one(1,2,3,4...).
3. How to adjust channel
    - While 'PRESET' function works (the character 'PRESET' on LCD is displaying), once press Channel Up/Down button, it moves to memorized channel.
    - When 'PRESET' function is not working, channel moves one by one.
  4. How to remove memorized channel
    - At first, press 'PRESET' function and then move the channel you wish to remove.
    - Once again press 'PRESET' function ('PRESET' function is not working), press 'MEM' button for 3 seconds.
    - Press 'PRESET' button again.
  5. How to adjust Bright , Tint, Color
    - Even though it is TV/CATV mode, user may not watch any image or different color performance. In this moment, adjust the volumes in left side of monitor.



Left side of monitor

## [3] Radio Function

1. How to turn it On/Off
  - Turn it on at first and then press OPTION button to select FM.
2. How to set channels
  - When Preset function does not work, with channel button(Up/Down) move to required channel.
  - Once users find out required channel, press MEMORY button for 3 seconds.
  - On the LCD displays MEM for instance. User can set from 1 to 20.
3. How to adjust channels
  - During 'PRESET' function works (the character 'PRESET' on LCD is displaying), once press Channel Up/Down button, it moves to memorized channel.
  - When 'PRESET' function is not working, channel moves in 0.2MHz.

## [4] Home Automation Function

1. Call from Entrance
  - When visitors call from entrance, chime bell is ringing in Kitchen TV phone and the appearance of visitors will be appeared on the monitor.
  - Once press ENTRANCE button in this time, users can talk to visitors.
2. Monitoring the Entrance
  - If users want to see the situation of entrance, press ENTRANCE button and users can see the entrance camera image.

### Step 3. Standard Function

#### 3. Security Mode

- Once press SECURITY button, it turns to Security Mode.
- Motion Capture : Capture the image automatically when something is moving in front of camera to CF card.
- Image Capture : Once press REC button, capture the image in front of camera to CF card.
- Display captured images : Once press PLAY button, user can see the captured pictures with CH button(▲, ▼).

#### [5] Telephone Function

##### 1. How to receive call

- When there is a calling, bell is ringing, and then telephone mode appears on LCD.
- When users hear ringing press TEL button.
- Once press TEL button, users can communicate through speaker phone.

##### 2. How to make a phone call

- When users desire to make a phone call, press TEL button. And then telephone mode appears on LCD.
- Press the telephone No.
- After pressing the number, user can make a phone call.

##### 3. How to redial

- Press 'TEL' button and then press 'REDIAL' button.
- Redial for last call received or transmitted possible.

#### [6] Photo Album Function

##### 1. Recipe Function

- Once press RECIPE button, it turns to Recipe mode.
- Display recipes in CF card with Ch button(▲, ▼).

##### 2. Photo Album Function

- Once press RECIPE button in Recipe mode, it turns to Photo Album mode.
- Display photos and pictures in CF card with Ch button(▲, ▼).

#### [7] Other Functions

##### 1. How to record and replay

- Users can record and replay contents of talking over the phone, Camera phone and Entrance phone, even TV, Radio and simple messages.
- When the unit is recording now, REC mode appear on LCD, and is playing, PLAY mode appears on LCD.

### Step 4. Trouble shooting

#### 1-1. To record voice

- Once press REC button, users can record voice. Close toward microphone. Users can record maximum 20 seconds.
- If there is noise around, it would be recorded at the same time.

#### 1-2 To replay recorded voice

- Once users press Play button, the unit replay recorded voice.

**This product is designed to work without problems however if you do experience difficulties, find symptom in the description below and take actions indicated. If the problem is not listed in the table, contact customer service.**

#### ▶ Power indicator light is off

Check whether the code is connected with receptacle or not, and whether the code line is connected with body of the machine normally or not.

#### ▶ No response when the button pressed

Check whether it is set Time setting mode at this moment. (Time indicator is flickering)  
- Press Option button and remove Time setting mode.

#### ▶ No sound in the speaker

Check the volume control level at first.  
- Adjust volume control.  
Check now whether it is set Telephone mode or Video mode.  
- Press TEL button, and remove telephone mode or Video mode.

#### ▶ Unable to watch image on the screen

Check the connecting status of body and monitor.  
- Close monitor to body.  
- Check the brightness level.

#### ▶ Image on the screen is distorted

Check the magnetic force nearby monitors.  
- Remove magnetic force.

#### ▶ Unable to adjust volume

All the volume(TV volume, Telephone volume etc.) is controller under the circumstance functional operation.  
- All of the bell volume is controlled when the bell is ringing.

## Step 4. Trouble shooting

- ▶ Unable to operate TV  
Check the antenna line and body of the M/C.  
- Connect the antenna line and body of the M/C.  
Adjustment and fitting of channel. Check the mode whether it is TV or CATV  
- Press OPTION button and check it is properly set.
- ▶ Unable to operate Radio  
Check the volume control level at first.  
- Adjust volume control.  
Check now whether it is set Telephone mode or Video mode.  
- Press TEL button, and remove Telephone mode or Video mode.
- ▶ No telephone function  
Check the connection of telephone line code, receptacle and body of the M/C.  
- Connection adjustment properly
- ▶ Howling noise  
Check first the volume level is too high  
- Adjust the volume level.

## Step 5. Services and supports

### [1] Customer Service

Thank you for purchasing our product.

This Product was manufactured under strict quality assurance and product testing. The period of warranty is calculated from the date of your purchasing this product so user must write the date of purchasing on the warranty sheet.

The contents of warranty We will repair defects for 18 months from the date of purchasing at no cost to purchaser.

### ◆ Information on service with charge

- Careless using power source
- Force Majeure (Fire, flood, gas, accident)
- Error in using power source
- Error in using connecting equipment

ITEM	CLASSIFICATION	CONTENS	REMARK
VIDEO	Video Inputs	Composite Video	
		AUX, External Video Input /Camera	
AUDIO	Audio Outputs	Speaker	
	Audio Inputs	Audio L, Audio R	
NETWORK	Network Interface	Public switched Telephone Network(PSTN)	
	Connector	RJ-11	
	Max.connection rate	33.6kbps	
	Signaling	V.8CI	
LCD	Type	7" color TFT LCD	
	Resolution	320(H) x 240(V)	
ELECTRICAL	Voltage	85~265V AC	
	Power Consumption	15W	
	Frequency	60Hz or 50Hz	