

User Manual

Home Automation System CDP-1020AD



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



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Table of Contents

1. Greeting	1
2. Warning and Safety	2
3. Parts Names and Functions	4
4. Main Menu (Stand-by screen)	5
5. Environmental settings	5
6. Telephone Conversation	12
7. Conversation with the guard station	13
8. Internal Telephone Call	14
9. Call to the Neighbor(Other residence within the Complex)	15
10. Conversation with individual entrance	16
11. Talk with Lobby	17
12. Wireless communication	19
13. Auto connection with a guard station in away mode	20
14. Home delivery notice function	20
15. Security function	21
16. How to use home control menu	23
17. Photo shoot & viewing saved image	23
18. Connections	24
19. Troubleshooting	28
20. Cautions for use	28
21. Others	29
22. Specifications	30

User' Guide	
B-type equipment	This unit getting the EMC registration as a home unit can be used in not only residential place but also every area



1. Greeting

- Thank you for purchasing a COMMAX product
- Please, use the product after carefully reading this Manual
- This type of videophone can be used in apartments, villas and other buildings as a multifunctional device with door opening, telephone conversation and guard station control function



2. Warnings and caution

● Make sure to follow the instructions to prevent any danger or property losses.



Warning

Death or serious injury is expected.



It indicates prohibition.



It indicates prohibition of disassembly.



It indicates prohibition of contact.

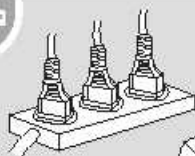


It indicates do's and don'ts.



It indicates that the plug should be pulled out from the socket.

Warning



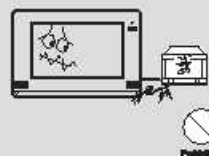
Do not put the plug in the socket simultaneously.

It may generate abnormal heat or cause a fire.



Do not connect to other products while in use.

It may cause breakdown.



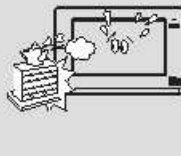
Do not forcibly bend the cord or put a heavy object on the product.

It may cause a fire.



Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.

Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



Do not install the product in a humid place.

It may cause an electric shock or a fire.



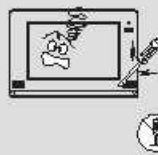
Do not forcibly pull out the cord from the socket.

If the cord is damaged, it may cause a fire or an electric shock.



Do not put the plug in the socket with a wet hand.

It may cause an electric shock.



Do not disassemble, repair or modify the product.

It may cause a fire, an electric shock or an injury due to malfunction of the product.



Do not use AC circuit breaker.

It may cause an electric shock.



2. Warnings and caution



Caution

An injury or property losses are expected

- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.



Caution



If the socket holes are larger than normal, do not put the plug.
It may cause an electric shock or a fire.



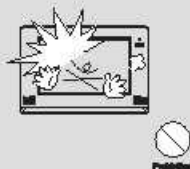
Make sure that dust or foreign substances are not gathered on the product.



Make sure to prevent foreign substances from entering the product.
It may cause a breakdown.



Do not put a heavy object on the product.
It may cause a breakdown.



Do not disassemble or give an impact to the product.



Avoid direct rays of the sun or heating devices at a time of installation.



Install the product in a flat and stable place.
Otherwise, it may not function properly.



Pull the plug if the product is not used for a long time.

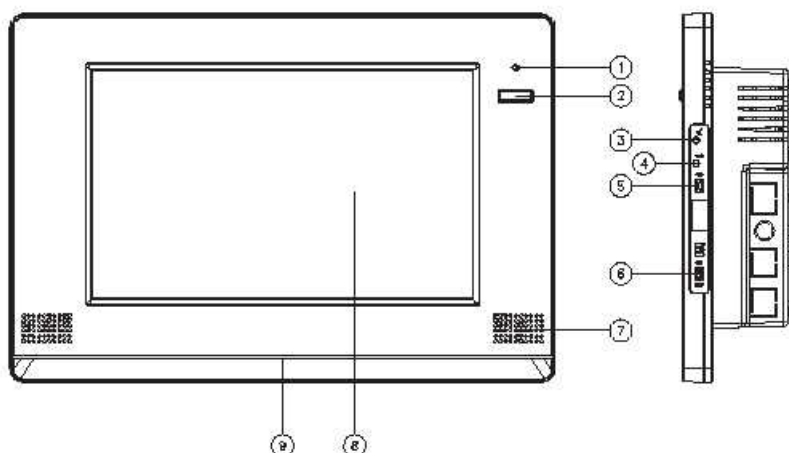


If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.



3. Parts Names and Functions

CDP-1020AD



1	MIC	6	Power Switch
2	Emergency button	7	Speaker
3	Talk button	8	LCD and touch screen
4	Door Opening button	9	Power LED
5	Not using		

The product is designated as Master-terminal in Home Network system and can be connected to multiple Slave units.

(Cannot be used as Slave terminal) In case if multiple video-phone terminals are installed and the line of one terminal is busy, other terminal can overtake the call.

- ▶ In case if the line is busy and the call comes to the busy line, call notification only comes to the terminal where call is directed
- ▶ In case of emergency, notification is directed to all installed devices. Setting and resetting the emergency situation are only available on terminals where 'setting and resetting' button is installed
- ▶ In case if alarm is emitted, conversation through video phone terminal will be forcibly terminated. (Alarm : emergency, Notification 1, Notification 2, Burglar 1, Burglar 2)



4. Main Menu (Stand By)



- ① Control : Device list and control
- ② Setting : Controls all system settings; volume, screen settings etc.
- ③ Door : Monitoring and talk to individual entrance
- ④ Intercom : Call another intercom in house
- ⑤ Guard : Connect with Guard station
- ⑥ Telephone : Phone call.
- ⑦ DID : Call another house in complex
- ⑧ Emergency: Notify emergency
- ⑨ Away : Away mode
- ⑩ Burglar1 : Burglar 1 situation.
- ⑪ Burglar2 : Burglar 2 situation.
- ⑫ Visitor : Checking visitor's image
- ⑬ Delivery : Checking home delivery




5. Environmental Settings

- ① Press **Setting up** button for 'system' settings and 'volume' control
- ② After pressing **System** button, window requesting password appears on the screen.
- ③ After pressing 4-dial password, then **System Settings** menu appears on the screen. (Default Password 1234)



1) Password Activation

- ① Usage of password and setting 'away' mode/Used to reset password or in case of Emergency.
- ② Press 「Using password」 icon ➡  ➡ Icon appears on the screen
(V-Check : Using password. Removal of V-check : Password reset)
- ③ Click 「Save」 button to save settings.
- ④ Press 「Cancel」 or 「HOME」 button before saving not to save recent settings.
(Pressing 「Save」 is mandatory to save settings)

2) How to change password (Password Change)

- ① Press 「Changing」 icon ➡ password change window appears on the screen.
- ② Input new password(4 dial) and its confirmation and 「Change」 icon to save it.
- ③ Press 「Save」 icon to save the new password.
- ④ Press 「Cancel」 or 「HOME」 button before saving not to save recent settings.
(Pressing 「Save」 is mandatory to save settings)



3) Home ID Setting

- ① 「Press 「My hous」 icon. Then, ID change window appears on the screen.
- ② Input building and apartment number, as well as ID (terminal number) and press 「Change」 icon.
- ③ Press 「Save」 icon to save ID settings
- ④ Press 「Cancel」 or 「HOME」 button before saving not to save recent settings.
(Pressing 「Save」 is mandatory to save settings)



4) Home Internal ID setting

- ① Press 「House Setting」 icon. Then ID change window will appear on the screen.
- ② Press 「Registration」. Then, 「Registration」 registration window The box of word registration moves to ID session.
- ③ Call to Guard station with Slave phone in the status of the above. (Slave phone is connected to CDP-1020AD)
- ④ Input 2~9 digit number of Slave phone ID(unit number), then press「Change」 icon
- ⑤ Slave phone is set as relevant ID(unit number), building / household number of CDP-1020AD.

5) Setting Internal ID (Extension-Name)

- ① Press 「Extension-Name」 Icon. Then, registered ID and given name of the terminal will appear on the screen
- ② Press the registered name icon or the empty space. Then, screen keyboard will appear on the screen. Input the desired terminal name and press the ENTER key.

6) Extension-initializing

- ① Press the 「House Setting..」 Then, ID change window will appear on the screen.
- ② Press the 「Inside-Reset」 icon on the upper part of the screen to reset support of the connected Slave phone. (Not applicable to TV-phone)


7) Time Setting

- ① Press the 「Time」 icon. Then, time settings window will appear on the screen.
- ② 'Input the 'Year/Month / Day/Hour/Mimute/Second'data correctly and press the 「Change」 icon to change time settings. After saving time settings, day will be changed automatically.)
- ③ If Secumax system is installed, time settings will be automatically imported from Secumax.

(If secumax system is not used, the respective icon on the upper part of the screen will be reflected as OFF-Line)



8) Burglar sensor setting (Sensing while Away On)

- ① 「Press Sensing while Away On」 to check 
(V : Activates buglar sensor.
No check : Not activate Buglar sensor when you leave)
(After the delay time, sensor will be activated)
- ② 「Press 「Save」 icon to save settings.
- ③ Press 「Save Cancel」 or 「HOME」 icon before saving to cancel saving.

9) Setting sensor timer in 'away mode' (Delay Time while Away On) (default 60sec)

- ① Press「Delay Time while Away On」 icon. Then, 0~90sec selection window will appear will appear.
- ② After selecting of desirable setting time, the selection window disappears and the selected time appears.
- ③ 「Press 「Save」 icon to save settings.
- ④ Press 「Save Cancel」or 「HOME」 icon before saving to cancel saving.
(Pressing icon is mandatory to save settings.)

10) Return home sensor delay settings (Delay Time while Away Off) (Default – 0sec)

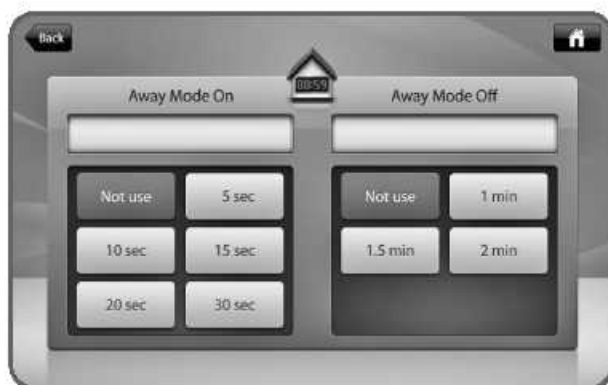
- ① Press 「Delay time while Away Off」 icon. Then, 10~90sec selection window will appear
- ② After selecting of desirable setting time, the selection window disappears and the selected time appears.
- ③ Press 「Save」 icon to save settings.
- ④ Press 「Save Cancel」 or 「HOME」 icon before saving to cancel saving.
(Be sure to press save icon to save settings.)

11) Burglar sensor in 'away' mode (Auto Setting while Away On)

- ① Press 「Auto Setting While Away On」 and ☒ put the check into the box.
(V check : Activates Burglar sensor.)
(No check : Not activate Buglar sensor when you leave)
- ② Press 「Save」 icon to save settings.
- ③ Press 「Save Cancel」 or 「HOME」 icon before saving to cancel saving.
(Be sure to press save icon to save settings.)

12) Setting of ARS answering time (ARS Activation Time)

- ① Press the 「ARS」 icon on the uppers part of the screen. Then,ARS answering time settings window will appear on the screen.
- ② Setting can be done for both (Away Mode On) and (Away Mode Off)
- ③ After selecting the ARS answering time, selected time will appear on the screen.
- ④ In case if ARS is not used, select the 'Not use' option for 'away' settings or 'reset' mode.



13) Setting of Automatic Notification for Alarm Call in Emergency Situation

- ① Input the phone number to send out emergency situation notification in case of primary or secondary emergency situation.
- ② In case of emergency situation, fire or PIR alarm, notification will automatically be sent to phone #1(primary phone number), and to phone #2(secondary phone number) within 30 seconds.
- ③ Press 「HOME」 or 「BACK」 icon to move back or main menu. To delete the number, click the input number in the number box



14) Connection Neighbor

- ① Function allows connection to permitted or already registered households or set the registered households by keyboard shortcuts.
- ② Fill out the building/household number of 4 households up to Connection 4
- ③ In case of the checked ☒ 'All Activating' below Removing the check sign allows connection to permitted households only and ignores calls coming from other households
- ④ Press the 「BACK」 icon to move back to the previous page, then save the setting by pressing 「Save」 icon.



4. How to adjust the call volume

- 1) Press the 「Setting」 icon, then enter system settings and volume level window will appear on the screen.
- 2) Press the 「Volume」 icon, then volume selection icon will appear.
- 3) Control volume level by pressing rightward or leftward icons.
- 4) Stand-by page will appear after touching the stand-by page beside the volume selection icon or if the waiting time exceeds 30 seconds.

5. Call volume regulation in case of accepting external call

- 1) In case of accepting a call from outside, press the call volume and select call volume by pressing on the left or the right side of volume window to set the call volume.
- 2) Volume level can be set for up to 5 stages.



6. Regulation of call volume in case if line is busy

- 1) In case if line is busy, press the call volume and select call volume by pressing on the left or the right side of volume window to set the call volume.
- 2) Volume level can be set for up to 5 stages.



- 3) Volume set in every other call modes are saved separately and in a next call, you can make a call with the call volume of relevant mode and have to be selected.



6. Telephone Conversation

1) Making a call

Press the 「Telephone」 icon, the dial sound is emitted and dial window appears on the screen.

After inputting the desired phone number, telephone conversation can be made if the response has been made by correspondent line.

After ending the phone call, press the 「CALL」 button.



2) Receiving a call

Incoming call is reflected on the screen and bell sound is emitted. In this case, conversation is possible after pressing 「Call」 button.

After ending the call, press 「Call」 button

3) Receiving an external call (Individual and common entrance, guard station)



- ① If a call is received during conversation, specific sound is emitted and icons above appear on the screen.
(If all comes from individual or common entrance, visitor's image will appear in the upper left corner of the screen. In case of calls at the same time, image of common entrance will appear at the bottom of individual entrance icon)
- ② After pressing the 'Call' button during the conversation, press it one more time
- ③ Previous call will be ended and incoming call will be answered.
- ④ After ending the call, press 'Call' button.

4) DTMF LEVEL

- ① HIGH : -9dB±3dB
- ② LOW : -11dB±3dB



7. Conversation with the guard station

1) Calling the guard station

- ① Press the 「Guard」 icon on the main screen.
- ② Calling sound will be emitted.(30 sec)
- ③ Start the conversation if guard station answers the call.
(Conversation time: 3minutes)



2) Receiving call from the guard station

- ① Calling bell sound is emitted and call is reflected on the main screen.
- ② Press 「Call」 button to start conversation.
- ③ After ending the call, press 「Call」 button to end the conversation.
- ④ If the correspondent ends the call first or ends automatically, ending sound will be emitted.

3) Receiving a call from outside (Individual entrance, telephone etc)



- ① The picture above appears on the screen when receiving a call while talking to the guard station. (For individual entrance, visitor's image will appear in the upper left corner of the screen)
- ② End the call with the guard station and press the 'call' button again.
- ③ Conversation with the guard station ends and call from outside will be received.
- ④ Press the 「Call」 button to end the call



8. Internal Telephone Call

- ▶ Extension number is used when inputting the number of established equipment.
Number of # Master(CDP-1020AD) is # "1"

1) Call internal phone lines

- ① Press the 「Intercom」 icon.
- ② Press the internal number and 「#」 button.
- ③ Calling sound is emitted. (Calling time : 30sec)
- ④ Start the conversation when another extension is answered. (Conversation time : 3minutes)
- ⑤ Press 「Call」 button to end the call.



2) Receiving calls from internal phone lines

- ① Bell sound is emitted and internal call mode will be appeared on the screen.
- ② Press 「Call」 button and respond the call.
- ③ After call, press the 「Call」 button again to end the call.

3) Receiving a call from outside (individual entrance, common entrance) while making internal line call



- ① The picture above will be appeared on the screen when call from outside is made (Visitor's image from individual and common entrance will be appeared in the upper left corner of the screen and in case of duplicated call is coming, visitor's image from common entrance will be appeared in the upper left corner and the icon of individual entrance will be appeared in the bottom corner of the screen)
- ② While internal call, end the call and press 「Call」 button again. Internal line call will be ended and connected with outside call. Press 「Call」 button to end the call.



9. Call to the Neighbor (Other residence within the Complex)

1) Calling to other residence

- ① Press the 「DID」 icon.
- ② Input the building number of the apartment you want to call to, and press the building icon 「*」
- ③ Input the apartment number and press the call icon 「#」 and then call other residence with call melody.
- ④ Start conversation after the other residence responds to the call.
(Conversation time : 3 minutes)
- ⑤ Press the 「Call」 button to end the call after conversation.
- ⑥ In case other residence's terminal line is busy when call other residence, the call will be ended with emitting short sound signals. Then try to redial later.

※ **Attention : If not check 'ALL Activating' on Connection Neighbor setting mode in system settings menu, entering DID mode is not available.**



2) Receiving a call from other residence

- ① Call bell sound is emitted and move to call mode screen.
- ② Press the 「Call」 button and respond the call.
- ③ After call, press the 「Call」 button again to end the call.
- ④ During call with other residence if call is ended by other residence or ended automatically, the ending call sound is emitted.

3) Answering outside

(individual entrance, common entrance) call when line is busy talking to other residence)



- ① The picture above will be appeared on the screen when call from outside is made.

(Visitor's image from individual and common entrance will be appeared in the upper left corner of the screen and in case of duplicated call is coming, visitor's image from common entrance will be appeared in the upper left corner and the icon of individual entrance will be appeared in the bottom corner of the screen) (Visitor's image from individual entrance will appear in the upper left corner of the screen)

- ② Press the incoming call location icon when you are under call with other residence. (Press 'Call' button to end conversation)
- ③ Press 'Call' button again and then the conversation will be available with other residence.
- ④ Press the 'Call' icon or button to end the call.



10. Conversation with individual entrance

1) Receiving call from individual entrance

- ① Chime bell is emitted and visitor's image appears on the screen with "Individual Door" sign on it. (30 sec.)
- ② Press 'Call' button to answer the call. (Conversation time is 1 min. from the moment of pressing 'Call' button)
- ③ To have a longer time conversation, press 'Call' button and 'Entrance button' for continuous conversation after screen off. (When the call is ended automatically, call ending sound will be emitted.)
- ④ During call with individual entrance, if press the "capture" button the present video will be saved.
- ⑤ During conversation or monitoring, if press the 'Adjustment' button, the color, contrast and brightness will be adjusted.
- ⑥ After call, press the 'Call' button to end the call.
- ⑦ In case receiving call from individual entrance and guard station (or common entrance) simultaneously, the priority will be given to guard station (or common entrance) call rather than individual entrance call.



- ⑧ During call or conversation, if touch the video image, there will be appeared full screen mode and if touch the full screen again, it will be switched to to normal screen mode.
- ⑨ Click 「Capture」 icon to save the video.

2) Calling from guard station, common lobby or outside (telephone call) while on the talk



- ① During conversation with individual entrance, the bell sound is emitted and picture like above is appeared.
- ② In case of talking with individual entrance, finish the talk first, and then click "talk" button again.
- ③ Then calling from individual entrance will be finished and you can talk with a new caller.
- ④ Press "talk" button to end the talk after you finished the talk.

3) Monitoring individual entrance

- ① Monitor will be turned on when a user click "Door" icon" on the standby mode. (for 30 sec.)
- ② If you want to talk with lobby, press "talk" button



11. Talk with common entrance

1) Calling from common entrance to house unit

- ① When receiving a call from the lobby, a monitor displays visitor's image on the screen with chime sound. (display "Lobby Entrance" on the top of the screen at the same time)
- ② Press "Talk" button to start a talk (Talk duration time: 1 min from the start) -
- ③ During talk with common entrance, if press "Capture" icon, the visitor's image will be saved
- ④ During talk with common entrance, if press "Open" button, talk is ended and door will be opened.
- ⑤ If you want to finish talk with common entrance, press "talk" button again
- ⑥ Once "Cancel" button is pressed from the common entrance , talk will be finished automatically with ending beep sound.



2) Calling from outside (individual entrance, telephone call) while on the talk with common entrance



- ① During talk with common entrance, the bell sound is emitted and picture like above is appeared.
- ② During talk with common entrance, press "talk" button again after ended the talk.
- ③ Then calling from common entrance will be finished and you can talk with a new caller.
- ④ After talk with common entrance, press "talk" button to end the talk.



12. Wireless communication with DCP (refer to the manual of DCP)

1) Registering wireless phone ID

- ① Turn off the video phone and turn it on again. When disappeared "Please wait" message with beep sound, press door release, emergency, door release and emergency button in sequence. (Then it will be displayed "Register Wireless-phone" message on the screen)
- ② On this stage, if press "menu" → "setting" → "resistor" → "check" button, and then the message as "Registration has been completed" will be appeared on the screen.

2) Registering ID for DCP

- ① Make a call to the guard station.
- ② During talk, if input building number, residence number and ID code for DCP from guard station, registering ID for DCP will be completed. (ID number of DCP must be registered as 5.)
- ③ Or, refer to above 6-4) for the registration.

3) When you have a call from outside

- ① A beep sound is emitted with showing "Calling from ****" message on the screen of wireless phone.
- ② Press the "talk button" to talk.

4) Making a call

- ① Enter the telephone number on the stand by mode.
- ② Calling sound will be heard once press call button, then you can talk when a receiver get the call.

5) Making a call to the guard station.

- ① Select guard station and press "Yes" button on the phone to be connected to the guard station.
- ② You can talk when guard station receive the call.

6) Making a call to the sub-unit(interphone)

- ① Press the "extension" button.
- ② Select the "extension call" and press the select button.
- ③ Press the extension number and press call button.
- ④ You can talk when you got connected.

7) Making a call to the neighbor.

- ① Press "Home menu" button.
- ② Select "Neighbor" and press the button.

- ③ Enter the building number and residence number and then press "OK" button
- ④ You can talk when you got connected.

8) Security setting menu

- ① Press the "Home menu" button
- ② Select security setting / away mode
- ③ Select security setting and select security 1 or security 2
- ④ In case of selecting setup & clear mode, users can setup / clear select security 1 or security 2.

9) Away mode setting

- ① Press the "Home menu" button
- ② Select security setting / away mode
- ③ After selecting away mode, if selecting setup & clear, users can do setup/clear for the away mode.



13. Auto connection with a guard station in away mode

- When away mode is on, the visitor's calling from lobby or individual entrance will be connected automatically to the guard station during the absence
- ※ **Audio volume could be reduced due to bypassing the line.**



14. Home delivery notice function

- The Power LED lamp & "Package" icon on the monitor is blinking when you have a call from guard station.
- Once the Power LED lamp & "Package" icon is blinking, press the "Call" button and talk with a guard station (The guard station that made delivery call to the residence will have a call from the residence) (Receive the package after conversation with the guard station)
- After connecting to the guard station, the blinking of Power LED lamp & "Package" icon will be stopped.



15. Security function

- Default password is 1,2,3,4
- If you don't recall the password, press the "Emergency" and "Talk" button in power-off state of monitor, and turn on the monitor. Then the password will be changed to 1,2,3,4
- Password default is only applied to the monitor which made default as 1,2,3,4, and in case of the password which is needed for electronic key from common entrance, please refer to the 5-1 of manual.
- For initializing program reset, press the "Door open" and "Talk" button in power-off state of monitor, and turn on the monitor. Then the program will be reset.
- Be noted that if the alarm call has been registered, it will dial automatically to the registered phone when you check. (1st dialing – 30sec, alarm- 2nd dialing)

1) Emergency function

- a) When "Emergency" button or icon is pressed in an emergency situation, Master or Slave units will go off beep sound and it will be advised to the guard station. ("Emergency" button will work when it is pressed more than 1 sec to avoid unintended operating.)
- b) When emergency situation is recovered, press "stop/return" button once (Emergency lamp keeps blinking)
- c) Alarm & the call to the guard station will be stopped.
- d) If "stop/return button" is pressed once again, emergency lamp will be turned off and go back to normal mode. (Emergency beep sound will be emitted again if time elapse 60 sec after press the "stop/return button")

2) Warning function 1(Fire alarm)

- a) When a detector recognizes the fire, warning sound will be emitted and it will be notified to the guard station at the same time.
- b) When emergency situation is recovered, press the "stop/return button once.
- c) Alarm & the call to the guard station will be stopped.
- d) If "stop/return button" is pressed once again, it will go back to normal mode. (Emergency beep sound will be emitted again if time elapse 60 sec after press the "stop/return button")

3) Warning function 2(Gas)

- a) When a detector recognizes the gas, warning sound will be emitted and it will be notified to the guard station at the same time.
- b) When emergency situation is recovered, press "stop/return button once.
- c) Emergency beep & call to the guard station will be stopped.
- d) If "stop/return button" is pressed once again, it will go back to normal mode. (Emergency beep sound will be emitted again if time elapse 60 sec after press the "stop/return button")

4) Burglar function

► **Burglar function 1** (It will be activated right after set burglar mode on)

- ① Once you click "burglar 1" icon on stand by status, burglar 1 mode is activated with changing the icon to red color.
- ② In case of burglar situation, warning sound will be emitted and the burglar situation will be notified to the guard station at the same time

► **Burglar function 2**

(Burglar mode is not activated while 3 min from the time video phone turn on)

- ① Once you click burglar 2 icon on stand by status, burglar 2 mode is activated with changing the icon to red color.
- ② In case of burglar situation, warning sound will be emitted and situation will be notified to the guard station at the same time.

► **How to turning off burglar mode**

Once you click the "burglar1, 2" icon you set, the Burglar mode will be turned off.

► **How to stop/return burglar mode**

Under burglar situation, check first if it was false alarm or not and then press the "Stop/Return" icon. Then, it will go back to default mode.

► **How to turning off/recover from the emergency or burglar situation (using password)**

⌂ Stop/Return icon → Password 4digit → ⌂* icon → ⌂ Stop/Return icon

[Caution]

Under burglar situation, return will be activated once burglar detector is normal. Under burglar detector is working, return won't be activated. Be sure that the door placed detectors is opened or something is detected by IR sensor, return won't be activated. Under stop situation, you can freely turn off burglar & away mode.

5) Away mode setting (select usage of IR sensor)

Password mode is not available in state of factory default. Residents should leave the room in 60 sec after turn the away-mode on since the burglar mode will be activated after 60 sec from the away-mode on. (It could be changeable in system setup mode)

- ① Once you click 'Away' icon, the away mode is activated with changing the 'Away' icon to red color.
- ② After you see the message 'Burglar sensor is activated' on the screen with beep sound, set up the away mode after checking the status of sensors at the door.

► **How to set up away mode in password mode**

⌂ Out icon → 4 digit password → ⌂* icon

- ▶ How to set delay time of sensor in away mode setting. (Default value: 60sec)
「Setting up」 icon → 「System」 icon → Input password → 「*」 icon → 「Delay Time while Away On」 icon → Select time → Save → 「HOME」 icon

6) Deactivating away mode

- ① Press the 「Away」 icon when you returned home, then the away mode will be deactivated.
- ② When the away mode is deactivated, it should be also notified to guard station.

- ▶ How to deactivate away mode in password mode
「Out」 icon → Password 4digit → 「*」 icon

7) How to set delay time of sensor (Activation delay time in secure mode)

This is to control the delay time in secure mode which is activated when someone is entering the house. Default value is set "0" sec"(immediate).

- ▶ Setting delay time with the program in a house (Default value is 0 sec)
「Setting up」 icon → 「System」 icon → Input password → 「*」 icon → 「Delay Time while Away Off」 icon → Select time → Save → 「HOME」 icon

8) Changing the password

- ▶ 「Setting up」 icon → 「System」 icon → Input password 「*」 icon → 「Changing Password」 icon → Input new password → Confirm the new password → Change → Save → 「HOME」 icon



16. How to operate Control Device

- ① Once you press the Control Device icon on the main screen, you can see the icons for connected control device.
 - ② Move to the device control mode you want to control such like (light, gas, curtain, Fan).
 - ③ Activate the device
- ※ To activate remote control function(ARS) for lights and curtain control from outside, should be activated first at the 「OUT-CTRLSETTING」 menu. If you want to move back to previous menu, click the 「APART CONTOL」. In case of gas and remote control function, ON is default value.
 - ※ If the device is set to "Away" mode, the integrated devices for all lights off, gas valve control and standby power control are activated.
 - ※ The all lights switch is not integrated with normal light switches and thus, it is not displayed in the light switch menu.



17. Photo shoot & viewing saved image

1) Manual photo shooting (max. 128cut images will be saved.)

- ① While on talking with individual entrance or lobby, if press the 'capture' icon, the image will be saved.

2) Auto photo shooting

- ① Visitor's images are automatically saved in condition of away mode "ON".
- ② If there are saved images in the monitor, the "visitor" icon is blinking with blue color.

3) Viewing captured images

- ① If you click 「Visitor」 icon, it will display the lasted saved 6 images at the same time on the screen.
- ② Click the image you want to see in large.
- ③ You can go back to 6 split image screen by clicking full size image
- ④ Choose the picture with "right", "left" icon



4) Deleting saved images

- ① Deleting single image
Once click "Delete" icon in single image view mode, pop-up screen will be shown for confirming deleting process and the captured image will be deleted if click "Delete" icon.
- ② Deleting images in 6 images
Once click "Delete" icon in 6 split screen mode, pop-up screen will be shown for confirming deleting process and the captured images will be deleted if click "Delete" icon.
- ③ Deleting all saved images at once (In case of deleting all saved images)
Once click "Delete all" icon, pop-up screen will be shown for confirming deleting process and all captured images will be deleted if click "Delete" icon.



18. Connections

1. How to wire

- ☞ Be sure to check the polarity of wires to avoid malfunction of products by inappropriate connection.
- ☞ ID of every product must be registered or it won't work properly.

Installing Slave phones.

- ① Enter the ID which is an assigned number of each Slave phone for classifying ID in circumstance of installing more than 2 units. Duplicate number is not acceptable.
- ② The assigned number of Master video phone (CDP-1020AD) is "1", others can be assigned from "2"
- ③ Assigned ID is also used as ID for inter-communication

Setting ID for Slave (using a guard station phone)

Call to guard station → Press the "Remote control" button while receiving a call → Input building number → press the "*" button → Input residence number → Press the "Extension" button → Input ID for Slave phone → press the call button

Emergency switch

Connect the emergency switch referring to wiring diagram. Please press it more than 1 sec not to avoid malfunctioning.

Alarm sensor 1

Be sure to check the wire polarity before connecting the wires.

Alarm sensor 2

Suitable voltage is DC 12V. Be sure to check the wire polarity before connecting wires.

Security sensor 1

It should be connected with lead switch. If you don't want to use this function, connect 2 wires each other or security sensor 1 & away mode will be deactivated.

Security sensor 2

Suitable voltage is DC 12V. This is for IR sensor connection. Be sure to check the wire polarity before connecting wires. When it is used with security switch(lead switch) it use "+" and sensor line. If you don't want to use security 2, please connect "+" & sensor line each other or security sensor 2 & away mode will be deactivated.

Guard station

Guard station unit is connected with 8 wires. Be sure to check the wire polarity before connect wires.

Individual entrance

Individual entrance unit is connected with 8 wires. Be sure to check wire polarity before connect wires.

Individual entrance

Individual entrance unit is connected with 8 wires. Be sure to check wire polarity before connect wires.

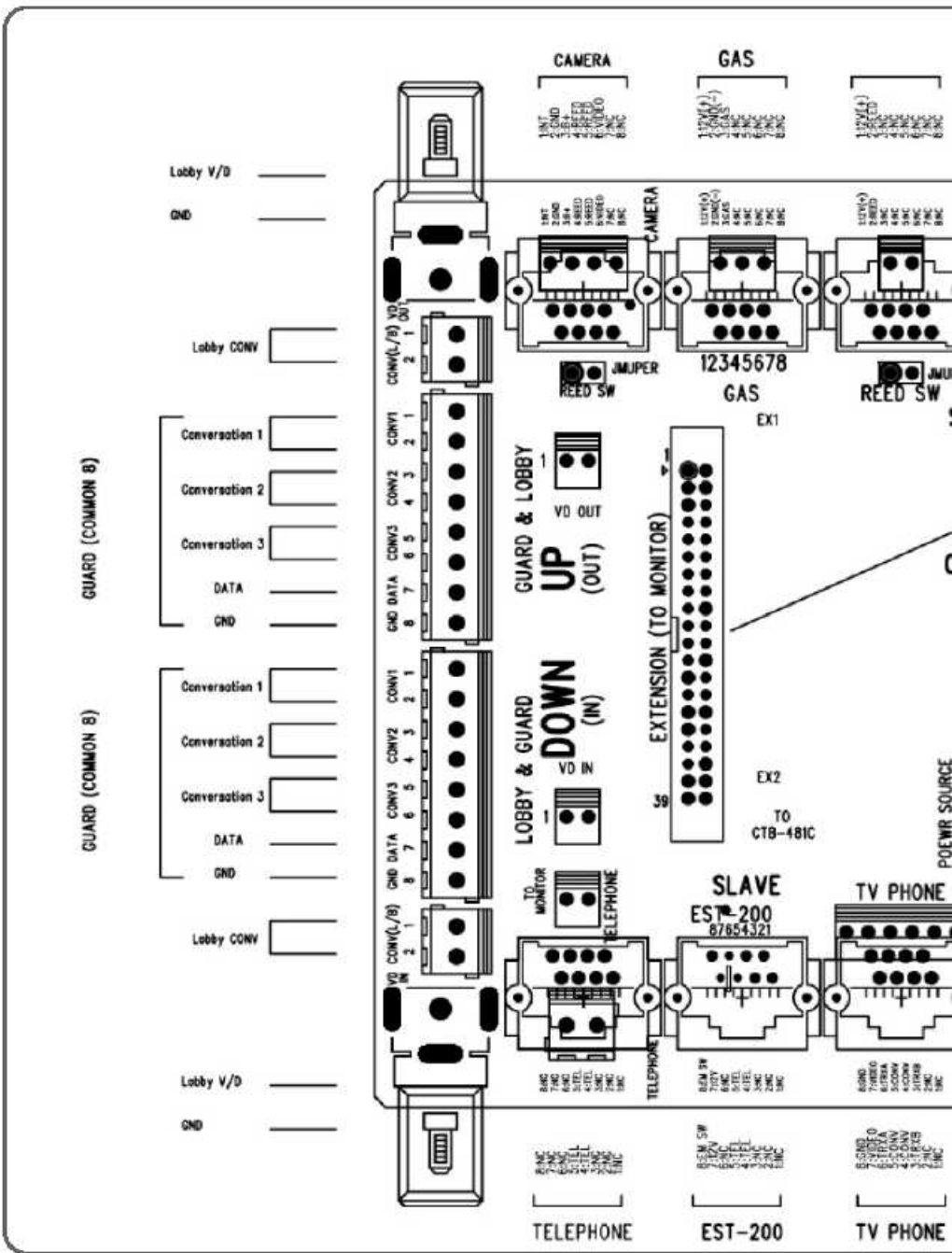
Lobby

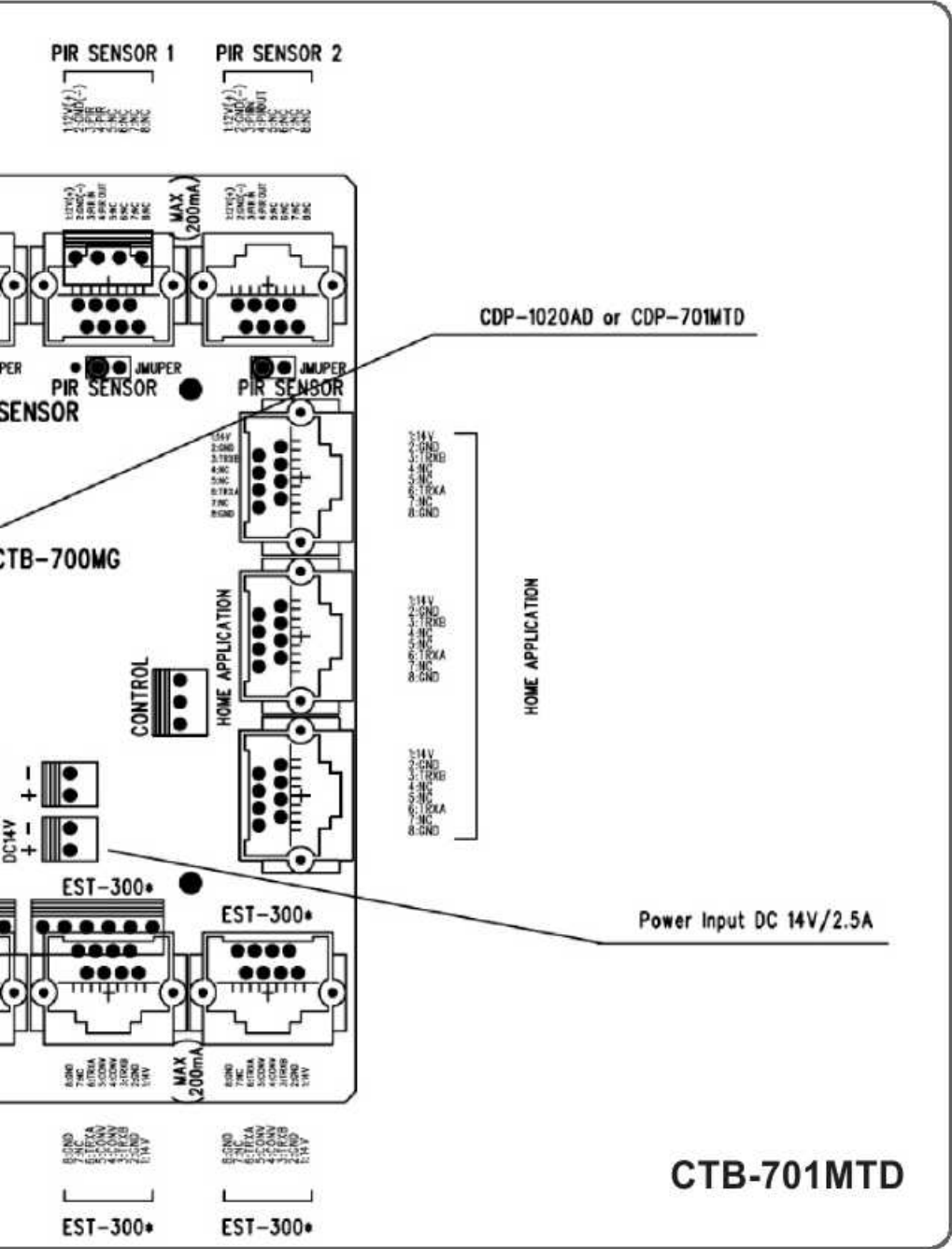
Lobby unit is connected to the camera at lobby with 4 wires. In case of connecting between lobby phone & video phone, please connect them VD/In, VD/OUT order. Wire for transferring video signal between lobby & interphone should be connected with Coaxial cable.

Extension wire.

Be sure to check wire polarity before connecting wires. Please connect wire for video signal VD/IN, VD/OUT order.

2. Wiring diagram (CTB-701MTD)







19. Trouble shooting.

If you think that the product has trouble, please first check below contents before you ask a repair.

Troubles	Check Point	Actions
<ul style="list-style-type: none"> • The power supply is not on. • All works are stopped 	<ol style="list-style-type: none"> 1. The power supply cord is missing or not. 2. The power supply switch (down) is off or not. 	<ol style="list-style-type: none"> 1. Please connect the power supply cord 2. Please turn on the power supply switch (down) pushing to the right.
<ul style="list-style-type: none"> • A Call operation is not performed. (Door, Interphone function) 	<ol style="list-style-type: none"> 1. The wiring between other units is connected correctly in good order or not. 2. The wiring is missing or not. 	<ol style="list-style-type: none"> 1. Please refer to connection related page and manage. 2. Please connect correctly to the terminal.
<ul style="list-style-type: none"> • The product does not produce the sound. (Call volume, Talk volume) 	<ol style="list-style-type: none"> 1. A sound volume lies in minimum or not. 	<ol style="list-style-type: none"> 1. Please adjust the sound volume properly turning to the up, as you want.
<ul style="list-style-type: none"> • The screen is dark. • The screen is strange. 	<ol style="list-style-type: none"> 1. There is a strong reflected light behind the visitor or not. 2. The screen control is adjusted correctly. 	<ol style="list-style-type: none"> 1. Please change the angle of camera lens.



20. Cautions for use

- ✱ This unit is equipped with common wiring distribution system and therefore, do not try to move it to other place for re-installation since videophone of apartment apartment might be in trouble.
- ✱ Turn on the power switch.
- ✱ When any damage or problems are found, contact customer support team of our company right away
- ✱ Do not place vases or water jar on the unit.
- ✱ It is required to install the proper circuit breaker in power distribution box within the building. (Circuit breaker that is capable of cutting off all the two phases) and you have to promptly operate the circuit breaker when the unit is exposed to any danger such as fire
- ✱ Turn the power off before installing or repairing the unit.

21. Others

- Please carefully read this User's Guide before calling service man
- After checking the entire check list, please contact customer service center. We will do our best to make you satisfy with our services.

Before You Call

Try the Troubleshooting Guide on the following pages. If you still can't solve your problem, try one more thing before you call.

1. Pull the Power Plug from the AC receptacle.
2. Wait 10 minutes.
3. Plug the unit back in and try your procedure again.

Getting Help

If you still can't correct an operating problem, contact your dealer. If your dealer is unable to solve your problem, contact Commax Customer Service. Please don't open the cabinet and attempt to repair the unit, as this will void your warranty.

Unplug the unit and refer servicing to qualified service personnel when:

- The power supply or plug is damaged.
- The unit has been exposed to rain or water.
- A solid object or liquid has fallen into the unit.
- The unit exhibits a distinct change in performance or will not operate normally.
- The unit has been dropped or the cabinet has been damaged.

Maintaining Your Unit

The only maintenance that your unit should require is an occasional dusting *DO NOT* spray any liquids on the unit.

To Service The Unit

Customer Service may be reached at 1-080-902-2222

Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or those which have the same characteristics as the original part. Unauthorized substitutions may result in fire, electrical shock or other hazards.

■ Safety Check

After completing any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.



22.Specifications

1) Specifications of CDP-1020AD

Item	Specification
Wiring	Telephone: 2 wires, Door camera unit: 4 wires, Common entrance: 4 wires, Guard station: 8wires Sub unit: 6 wires
Power	DC 14V/3A ADAPTOR
Communication	Hands free
Display	25.4Cm(10.2") TFT-LCD (800x480)
Call sound	Telephone : Ringer, Individual entrance : COMMAX chime + voice message Common entrance : COMMAX chime + voice message, Guard station: voice message +melody
Power consumption	Stand by : 560mA Operation : 1.4A
Distance	Individual door camera unit - 28m(\varnothing 0.65) Guard station - 1Km(\varnothing 0.65) Common entrance - 300m(5C2V)
Communication Channel	Guard station : 3 channel, Common entrance : 1 channel

Product warranty

Model : Home network system (CDP-1020AD)

Rated power : DC14V/3A

Maximum power consumption : 1.2A



Memo



Memo