HOME AUTOMATION SYSTEM



User Manual

HAC-E70B

HYUNDAI TELECOM Co.,Ltd.

HAC-E70B

Call Function
Make a call to common entrance, security office and door phone.

Security Function
Monitor trespassing from outside at Away mode.
Alarm occurs and abnormal situation is automatically notified to indoor, door phone and security office.

HYUNDAI TELECOM

Thank you for purchasing home automation system of Hyundai Telecom Co., Ltd.
This system is developed and manufactured by our technical team.
Since various kinds of convenient functions are added, make sure to read the manual and get familiar with how to use the product before use.
Performance of this product and contents of this manual are subject to change without prior notice.

Table of Contents

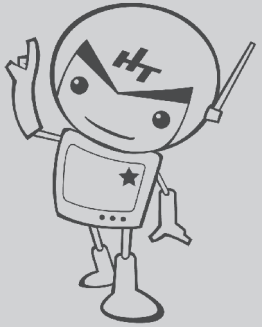
Before Use

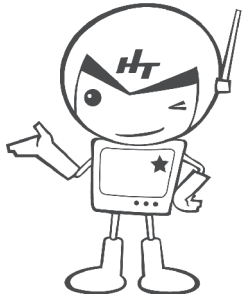
- Cautions for Use · · · · · · · · · · 5
- External Structure and Installation · · · 6

About How to Use

- Description of OSD Function · · · · · 10
- Description of Button Function · · · · 14
- Description of Call Function · · · · · 15
- About Troubleshooting and Actions · · 17
- Product Specification · · · · · · · · 18

Quality Warranty





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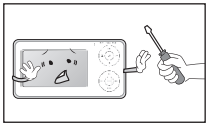
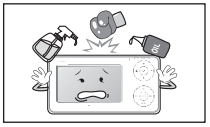
Before Use

· Cautions for Use · · · · · · · · · · · · · 5

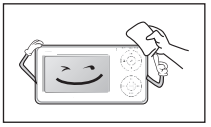
· External Structure and Installation · · · 6



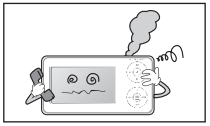
Never dissemble, repair or Remodel the product.



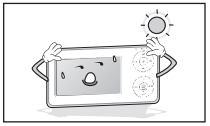
Never impact the product nor allow it stained with smoke, oil or water.



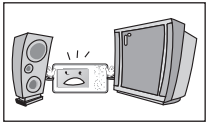
Do not wipe out products with chemical solutions such as water or alcohol. Wipe it out with dry clothes.



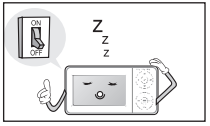
Stop using the product if a strange sound, smell or smoke occurs from the product. Contact the service center.



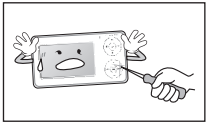
Avoid installation of products at the place under direct sunlight or the heating apparatus with heat or moisture.



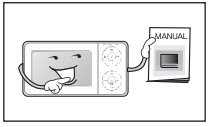
Do not put the product near the devices causing strong magnetism (such as big TV, speaker).



This product does not work at the time of power failure or when the circuit breaker works.



Do not press the button with pin nor insert in the hold.



Keep the manual near and transfer it if moving.

Cautions for Use

Warning

Serious injury or death may occur.
Make sure to read the contents carefully and use correctly.

Cautions

Injury or property damage may occur.
Make sure to read the contents carefully and use correctly.

A proper cutoff should be installed in the indoor wiring part of the building.

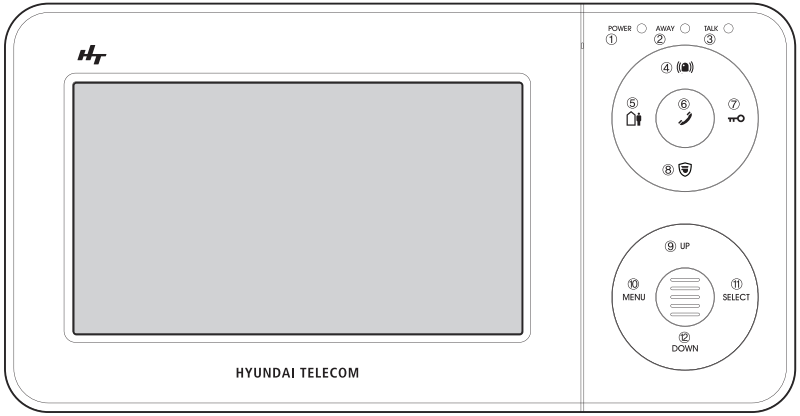
A fuse is used in 2 polar/neutral line.

Connect the protective ground permanently.

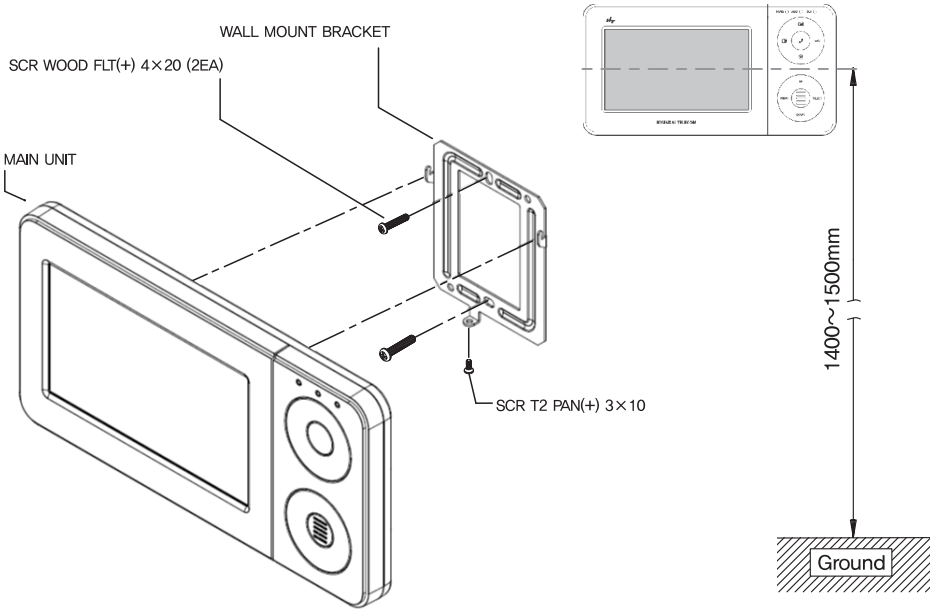
External Structure and Installation

※ A figure may differ depending on the model.

1. Wall pad Appearance



① **Power LED**	Power status display	⑦ **Door open**	Unit door(Option) /common entrance
② **Away LED**	Away LED Away Mode display	⑧ **Security office**	Communicate with guard office
③ **Talk LED**	Call status display	⑨ **UP**	Up key in OSD status
④ **Emergency**	Internal/external emergency status starts/ends	⑩ **Menu**	OSD menu
⑤ **Away**	Away mode setting	⑪ **Select**	Select key in OSD status
⑥ **Talk**	Call Start/end call	⑫ **Down**	Down key in OSD status



External Structure and Installation

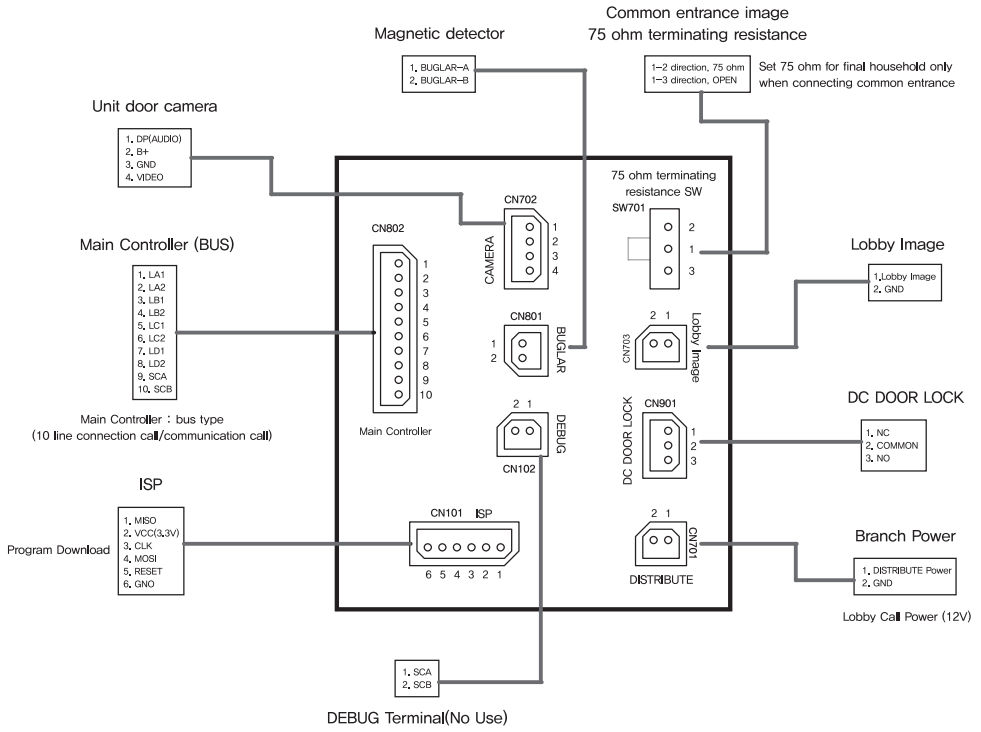
※ A figure may differ depending on the model.

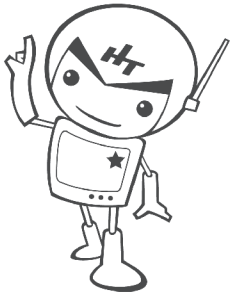
2. How to Install wall pad

Installation Order

① Fix it so that the center of Wall Bracket is at the height of 1400 ~ 1500mm.
② Adjust the angle of Wall Mount Bracket and fix it using the Screw (M4 X 25, 2EA) after arranging and pulling out the wire so as to connect it to the set.
③ Complete internal wiring of main unit in reference to wiring connection method of page 8.
④ Hang the Main Unit on the Hook of the Mount Bracket (4 places) and adjust the Hole Center of "A" part to Hole Center of Main Unit.
⑤ Fix it using Screw(M3 X 8,1EA) on the "A" part.

3. WALL PAD Wiring





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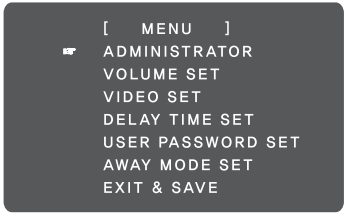
· Description of Button Function · · · · 14
· Description of Call Function · · · · · · 15
· About Troubleshooting and Actions · · 17
· Product Specification · · · · · · · · · · 18

Description of OSD Function

1. Basic Operation of OSD

1) OSD Menu

• Press the MENU button in 9 buttons to operate the OSD. Basic display appears as shown in the following screen.



Adjust with Up/Down button and enter into Menu with "Select"

2) Administrator Menu

• Administrator menu is for exclusive use of administrator and cannot be set by general user.

3) Volume Menu

• Volume menu enables to set the ring tone and call volume.



Volume menu consists of the part for ring tone setting and that for call volume setting.
(1 ~ 3 are available for setting value of relevant menu).

4) Display Menu

• Display menu enables to set the "Brightness, Contrast and Color".



• Adjust with Up/Down button and enter into Menu with "Select"

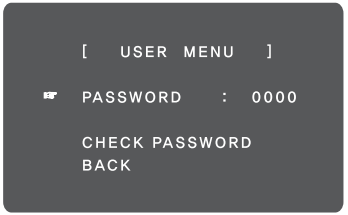
5) Delay Menu

• Delay menu enables to set the "Entrance, Exit" time.

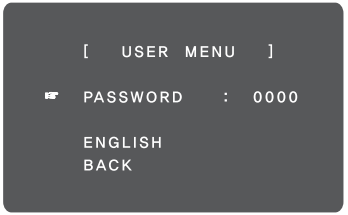


6) User Menu

• User menu enables the user to modify or select the language.



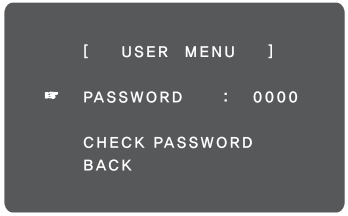
• Default factory user password is "1234".
• Enter the password of user in above menu and confirm the password to go to the next screen.



• If the user changes password in the above screen, the user password is saved as entered.
• There is a menu under the Enter Password that enables the user to select the language for the relevant videophone in "Korean" or "English" menu.

7) Away Mode Menu

• Away menu enables to set or release the Away mode.



Description of Call Function

5. Common Entrance Call

1) Emergency Button

- Emergency button is Long Key input and emergency is set if pressed for over 1.5 seconds.
- Press it again for over 1.5 seconds to release the emergency while emergency is set.

2) Away Button

- Away Button is Long Key input and Away mode is set if pressed for over 1.5 seconds.
- Away Mode can be released in OSD only.

3) Call Button

- A call can be made when a call is incoming from unit door, security office and lobby.
- Function as door monitoring if pressed at normal times.

4) Door Open Button

- Door opens when starting call after call is connected from unit door and common entrance.
- Door opens when a button is pressed during door monitoring.

5) Security office Call Button

- Call is connected from security office.

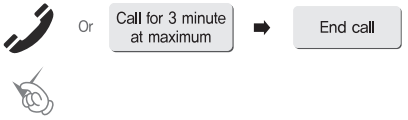
1) When a call is received from doorphone

A doorbell goes ding-dong and the face of visitor is displayed.
Answer the doorphone call as shown below.



2) To end doorphone call

End the doorphone call as shown below.
If the call lasts for over 3 minutes, it will terminate automatically.

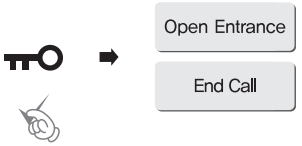


3) To check situation outside the unit door.



4) To open the unit door to visitors (optional).

• Open the door as shown below while in call.



• Since auto door open function is set at the initial agreement, it cannot be arbitrarily installed during use.

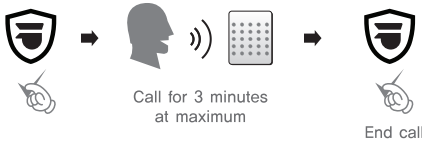
1) When a call is received from security office

When a ringing tone is heard, answer the call from security office as shown below.



2) To call security office

- Press the Security office/Common Entrance Button and security office ringing tone occurs. A call is connected when the security office answers this call.
- Press the Call button to cancel or exit the security office call.



Description of Call Function

Cautions

Be careful in using the Door Open function since a security problem may occur due to mistake of the user.

4. Security office Call

Description of Call Function

5. Common Entrance Call

A call to the Lobby Phone installed at common entrance.

Cautions

Be careful in using the Door Open function since a security problem may occur due to mistake of the user.

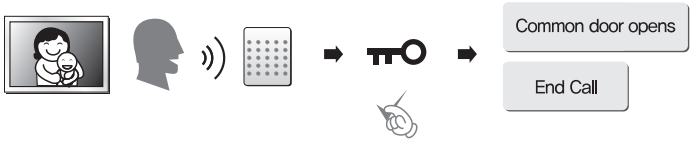
1) When a call is received from common entrance

- Answer the call as shown below when a call is made from the common entrance.
- When there is a doorphone call while in a call and it is changed to doorphone image, press security office/common entrance button to display the image of common entrance.



2) To open the entrance to visitors

- Check the visitor while in call and open the door automatically as shown below.



About Troubleshooting and Actions



Cautions

If this product does not work properly, check the following first. If it still does not work properly after checking, contact our service center for service.

1) If call function does not work properly
- It does not work during power failure

2) If the call volume of the other part is low
- See the volume menu of 'Description of OSD Function".

3) If the LCD screen is not clear
- Check whether the window of entrance camera for lens protection is not dirty.
- Check whether the camera gets damp when it rains or temperature falls abruptly.

4) If the delay time for Away mode is too short after setting Away mode.
- See the delay menu of "Description of OSD Menu"

5) If the delay time for releasing Away mode is too short when returning after setting Away mode.
- See the delay menu of "Description of OSD Menu"

Product Specification

1. Electric Features

Easily accessible power interruption device should be installed in indoor wiring.

This device is registered with electromagnetic compatibility and can be used in any places including residential areas.

1. HAC-E70B Main Unit

Division		Specification
Power Rating		AC 100 ~ 240V / 50~60Hz
Power Consumption		18 W at maximum
Call Type		Speaker Call Type
LCD Specification	Panel Type	7" Wide Digital TFT-LCD, Color
	View Angle	Up 40, Down 40, Left 60, Right 60
	Resolution	800 × 3(RGB) × 480
Environment	Temperature	0℃ ~ 40℃
	Moisture	Below 90% (relative humidity)
Appearance	Dimension	273(W) × 141(H) × 34(D)(㎜)
	Weight	About 760g
Installation Type		Wall mount Type

Warranty Conditions

HYUNDAI TELECOM Products are supplied with one(1) year return to base warranty from the date of purchase. We will repair or replace the defective item with a new or factory rebuilt replacement.

Condition

1. This warranty applies to the original purchaser only.
2. All warranty will be invalid if unauthorized repair or modification are made to the unit or in any case of accident, misuse, damage caused by improper installation and altered serial numbers.
3. The liability of HYUNDAI TELECOM is limited to the cost of repair/replacement of the unit under warranty.
4. If you need a warranty service, you should send the product to our customer service Dep't or dealer office. The product in all cases must be accompanied by the following items:
   Your name, address, telephone number, the serial number, copy of your sales receipt showing the purchase date.

The Model Number is on the box and front of the manual. The Serial Number is on the bottom of the unit. Record the Model and Serial Numbers in the spaces provided below. Refer to these numbers for warranty service.

Model No. _____ ***Serial No.*** _____



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