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Home Network  
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## User Manual

GUARD STATION(Multi Entry System) CDS-2MG

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**COMMAX Co.,Ltd.**



- 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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


## 1. Greetings

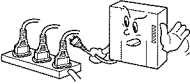


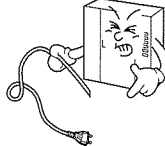



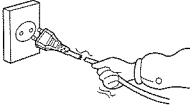





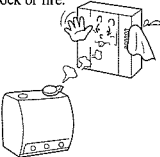



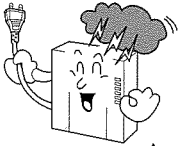



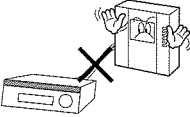


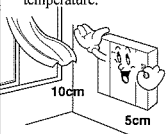


- \* Thank you very much for purchasing of COMMAX products.
- \* Please read carefully this user manual and follow its rules.

## 2. Warnings and caution

Please follow the things described below in order to prevent any danger or property damage.

 <p><b>Warning</b> It may cause a serious damage or injury if violated.</p>  <p><b>Caution</b> It may cause a minor damage or injury if violated.</p>	<ul style="list-style-type: none"> <li> Prohibition.</li> <li> No disassembly</li> <li> No touch</li> <li> Must follow strictly.</li> <li> Shows plugging out the power cord without an exception</li> <li> Shows the warning and caution for an electric shock.</li> <li> Shows the warning and caution for a fire.</li> </ul>
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### Warning

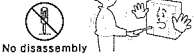
Power & Installation	<p>Please don't use several products at the same time on one power socket.</p> <ul style="list-style-type: none"> <li>It may cause a fire due to an abnormal overheating.</li> </ul>  <p> </p>	<p>Please don't bend the power cable excessively or it may cause an electric shock.</p> <ul style="list-style-type: none"> <li>fire when using a damaged power cable.</li> </ul>  <p>  </p>	<p>Please don't handle the power cable with a wet hand.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock.</li> </ul>  <p> </p>	<p>Please plug out the power cable from the socket when not using it for a long period of time.</p> <ul style="list-style-type: none"> <li>It may shorten the product lifespan or cause a fire.</li> </ul>  <p> </p>
	<p>Please don't install the product in the place where there is much oil, smoke or humidity.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock or fire.</li> </ul>  <p>  </p>	<p>Please don't install the product with the lightning and thunder.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock or fire.</li> </ul>  <p>  </p>	<p>Please don't use and connect this product with other products with different rated voltage</p> <ul style="list-style-type: none"> <li>It may cause a disorder or fire.</li> </ul>  <p> </p>	<p>When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.</p> <ul style="list-style-type: none"> <li>It may cause a fire due to the increased internal temperature.</li> </ul>  <p> </p>

## ! Warning

### Cleaning & Use

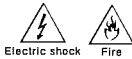
Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed).

- It may cause an electric shock or fire.



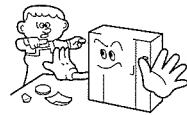
If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.

- It may cause an electric shock or fire.



Please don't insert any metallic or burnable materials into the ventilation hole.

- It may cause an electric shock or fire.



Please use only the designated batteries for the products of using DC power.

- It may cause an electric shock or fire.

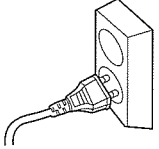


## ! Caution

### Power & Installation

Please plug the power cable firmly into the inner end.

- It may cause a fire.



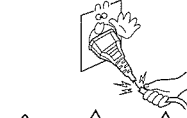
Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).

- It may cause an electric shock or fire.



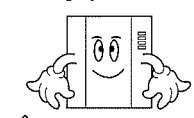
When connecting the power cables after cutting the cable, please install the product with power off.

- It may cause an electric shock or fire.

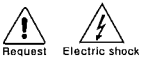
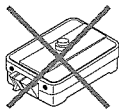


When installing the product, please fix it firmly while using the wall-mounting unit and screws.

- It may cause an injury from the falling object.



Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.



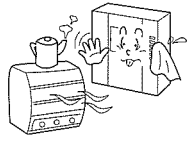
Please check the use voltage and current for the DC-only products and use the appropriate rectifier.

- It may cause a fire.



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

- It may cause a fire.



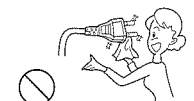
Please don't install the product on an unstable place or small support board.

- It may cause an injury if it falls down while in use.



### Cleaning & Use

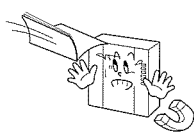
When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don't use any chemical products such as wax, benzene, alcohol or cleanser.)



Prohibition

Please don't drop the product on the ground and don't apply a shock.

- It may cause a failure.



Prohibition

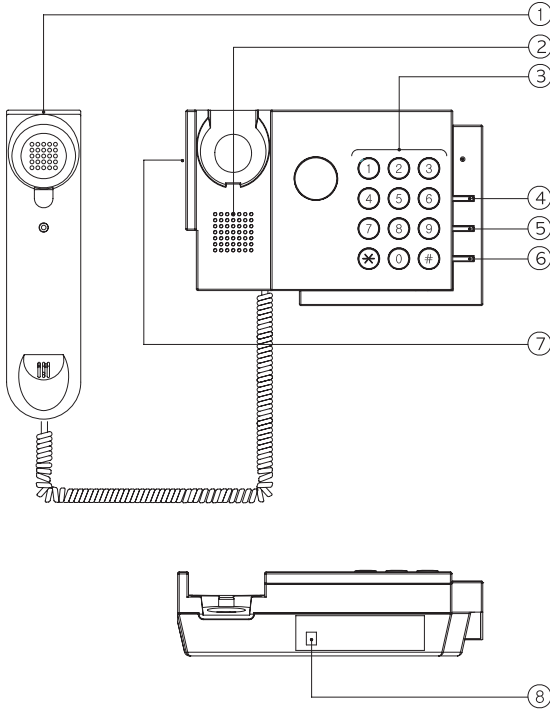
Please use the designated connection cable within the maximum calling distance designated for the product.



Request



### 3. Parts Name and functions.

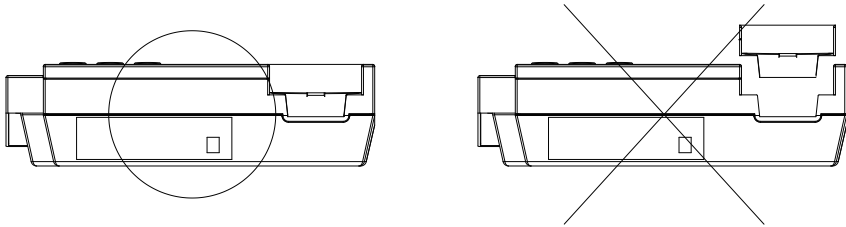


No.	Description	No.	Description
1	Handset	5	Call button
2	Speaker	6	Door Open button
3	Dial buttons	7	Ringer Volume Control button
4	Power Indicator	8	Connection terminal (With CCU-BS)

– Ringer volume control button: Lower or increase the ringer volume.

CDS-2MG ,which covering a building is a guard station unit connecting a building distributor(CCU-BS). Power lamp is on when the handset is picked up.

※ CAUTION



It is impossible to receive a call in case the handset isn't hanged up properly.



#### 4. Communication with a household.

##### 1. Receiving a call from a house hold

- 1) Ringing should be heard.
- 2) Communication starts when being picked up the handset with power lamp on.
- 3) Put the handset properly when the communication is finished.

##### 2. Making a call to a household.

- 1) Press the desired the household number and then push the call button.
- 2) Communication starts when the household response.
- 3) Put the handset properly when the communication is finished.

\* Try again for a while when you hear "busy" sound.



## 5. Communication with a lobby phone.

Receiving a call from a lobby phone is available.

- 1) Ringer sound is heard when receiving a call from a lobby phone.(Default number for CDS-2MG is "9900")
- 2) Communication starts when being picked up the handset with power lamp on.
- 3) Press the "door open" button to open the entrance.  
( The communication is finished after door is open.)
- 4) Put the handset properly when the communication is finished.

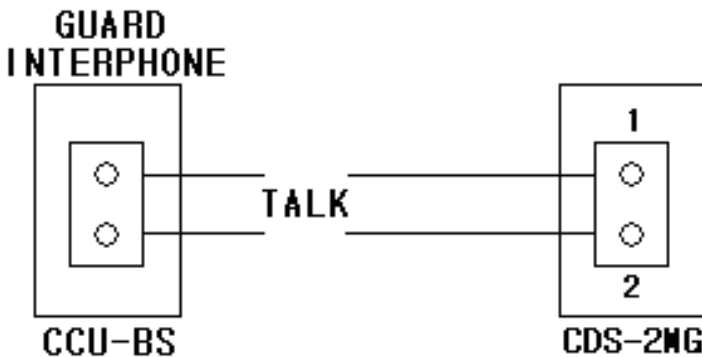


## 6. Duration.

- 1) Ringing lasts for 30 seconds.
- 2) Communication lasts for 60 seconds.



## 7. Wiring diagram.





## 8. Specifications.

Item	Descriptions	
Wiring	2 wires with a Building distributor(CCU-BS)	
Communication way	Full duplex	
Distance	CDS-2MG ~ CCU-BS	UTP (Ø0.5)
		100m





## Memo