

Since 1968

COMMAX
SmartHome & Security

User Manual

WDC-244L / WDR-244DS



WDR-244DS



WDC-244L

www.commax.com

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.



Table of Contents

1. Introduction.....	3
2. Important Safeguard	4
3. Overview.....	5
4. Instruction Manual	6
5. Product Installation	9
6. Specification	10
7. Accessory	11



1. Introduction

Your unit is designed so it can be flush mounted on the wall or used. When flush mounted on the wall, the stand permits you to view the unit for an angular view. The model number is located on the bottom and record the serial number in the space provided below (available). Refer to these numbers whenever you call upon your COMMAX dealer regarding this product.

Model No.

Serial No.

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated **"dangerous Voltage"** within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



caution

Risk of electric shock
do not open



CAUTION : To reduce the risk of electric shock, do not remove cover (or back) no user-serviceable part inside refer servicing to qualified service personnel



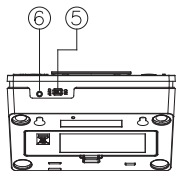
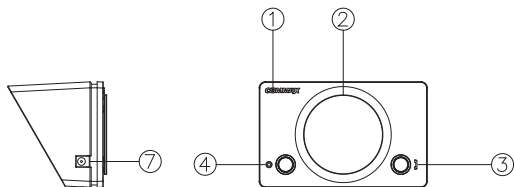
2. Important Safeguards

- ▲ **Damage Requiring Service:** This equipment from the power source and source and refer servicing to qualified service personnel under the following conditions:
 - ① when the power is damaged.
 - ② if liquid has been spilled or objects have fallen into the unit
 - ③ if the equipment has been exposed to rain or water.
 - ④ if the equipment has been dropped or otherwise damaged.
 - ⑤ when the equipment exhibits a distinct change in performance- this indicates a need for service.
- ▲ **Water and Moisture:** Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
- ▲ **Accessories:** The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Any mounting of the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.
- ▲ **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- ▲ **Lightning:** For added protection for this product before a lightning storm, or when it is left un attached and un used for long periods of time, unplug it from the wall outlt and disconnect the other system. This will prevent damage to the product due to lightning and power-line surges. If you live in an area heavily prone to lightning storms, it is recommended that you invest in power-line, telephone-line, RfCable and actuator/ polarization surge protectors to protect your appliance system from possible damage



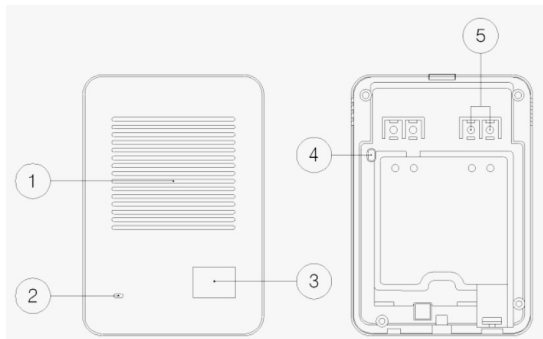
3. Overview

WDC-244L



- ① Microphone
- ② Speaker
- ③ Paging Button
- ④ Select Button
- ⑤ Power switch
- ⑥ Volume switch
- ⑦ Power(DC) Connector

WDR-244DS



- ① Speaker
- ② Microphone
- ③ Paging button
- ④ Door Release terminal
- ⑤ Power terminal
(2-wire, non-polarity)



4. Instruction Manual

Installation

- ① WDR-244DS : Connect 2 wires from a DC 12V Adaptor to 5 in Pic. 1-2 (non-polarity).
- ② WDC-244L : Connect DC 5.0V Adaptor to 7 in Pic. 1-1.
- ③ Press 3 Paging button.
- ④ If WDC-244L and WDR-244DS are placed too close to each other, it may cause a hauling sound.

Pairing

- ① WDR-244DS
Press the paging button for 5 seconds or longer until you hear the sound of a single beep. WDR-244DS is now in pairing mode.
- ② WDC-244L
After connecting an adaptor, slide 5power switch to turn on the device. Press the paging button For 5 seconds or longer until you hear the sound of a single beep. WDC-244L is now in pairing mode. WDC-244L and WDR-244DS will be paired as both devices are in pairing mode. As a double beep sounds the pairing is completed.
- ③ Initializing the pairing
WDR-244DS
Turn the power off by unplugging the adaptor. Turn the power back on and press the paging button for 5 seconds until you hear the sound of a single beep. Press the paging button

again for 5 seconds until you hear the sound of a triple beep which indicates the pairing is now initialized.

WDC-244L

Turn the power off by sliding the power switch located at the bottom of the device. While pressing both the Select button and the Paging button, turn the power back on. The red LED is now blinking rapidly by period of 0.1 second to indicate WDC-244L is now in initializing mode. Press the Volume switch to set a factory default mode. WDC-244L with the sound of a triple beep to indicate it is now in factory default setting.

Paging and Talking

- ① Press the paging button on WDR-244DS to page all the WDC-244L devices that are paired with this device indicated by LED (blinking slowly).
 - ② As any one of the paired WDC-244L devices is answered, the paging tone stops and connection is made. All other paired WDC-244L devices are now in standby mode indicated by LED (blinking rapidly).
 - ③ To hang up, press the paging button on WDR-244DS or WDC-244L.
- ※ if none of WDC-244L devices answered the paging from WDR-244DS the paging sounds for 30 seconds and all devices go in to standby mode.
 - ※ The allowed time for talking mode is 3 minutes set by factory default settings.

Paging Volume Adjustment

In standby mode, press the 6Volume switch at the bottom of WDC-244L to adjust the paging volume. It can be adjusted by three levels (low-normal-high) by pressing the button consecutively. If no input for 3 seconds, the device goes back to standby mode.

Call Volume Adjustment

While talking, press 6Volume switch at the bottom of WDC-244L to adjust the call volume. It can be adjusted by three levels (low-normal-high) by pressing the button consecutively. If no input for 3 seconds, the device goes back to talking mode.

Door Release

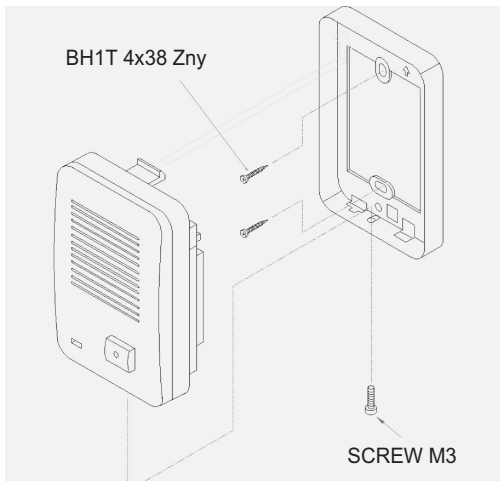
While talking, press the 4Select button to release the door striker connected to WDR-244DS (the releasing relay is on for 1 second and off).

Line Busy Notice

Busy notice of a triple beep is enabled if 2 units of WDR-244DS are installed and one is in talking mode with one of WDC-244L devices. If the paging button of any of the paired WDC-244L devices, a triple beep will sound to indicate the line is busy.



5. Product Installation





6. Specification

Model	WDC-244L	WDR-244DS
Call Method	GFSK	
Power Source	5V $\overline{=}$, 1A	12V $\overline{=}$, 1A
Standby Consumption	0.8W	0.3W
Power Consumption	1.2W	1.8W
Communication Method	HANDS FREE (half duplex)	
Display	LED(RED)	LED(BLUE)
Ring tone	Chime	
Distance	Open area : 200M, Indoor : 40~50M	
Temperature	-10 ~+40°C(32°F ~ 104°F)	
Dimensions	140(W) X 72(H) X 88(D)	100(W) X 142(H) X 31(D)

※ It is likely to be affected by surroundings. Call quality may be poor, if it is affected by Elevators, high voltage, Radio Frequency Interference and iron doors.



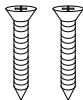
7. Accessory

- WDC-244L



5v / 1A adaptor : 1 ea.

- WDR-244DS



Screws for wall mount : 2 ea.



Product fixing screw : 1 ea.



Power adaptor 12V / 1A : 1 ea.



MEMO

COMMAX

COMMAX Co.,Ltd.

513-11, Sangdaewon-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do, Korea
Int'l Business Dept. : Tel.; +82-31-7393-540~550 Fax.; +82-31-745-2133
Web site : www.commax.com

PM15WDR24410

Printed In Korea / 2014.03.105