

*Since 1968*

**COMMAX**  
SmartHome & Security

# User Manual

## DOOR PHONE TP-1L



[www.commax.com](http://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.



## Contents

1. Introduction .....	2
2. Important Safeguards .....	3
3. Overview .....	4
4. Operation .....	5
5. Connection .....	6
6. Wiring.....	7
7. Specifications.....	8



## 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



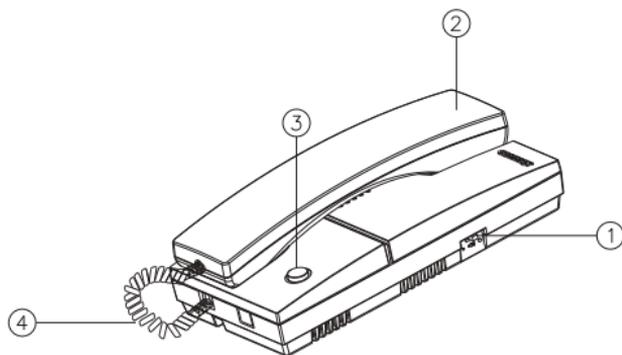
## 2. Important Safeguards

- ▲ **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

#### Controls and functions



- ① Volume Switch
- ② Handset
- ③ Call Button
- ④ Handset Cord



## 4. Operation

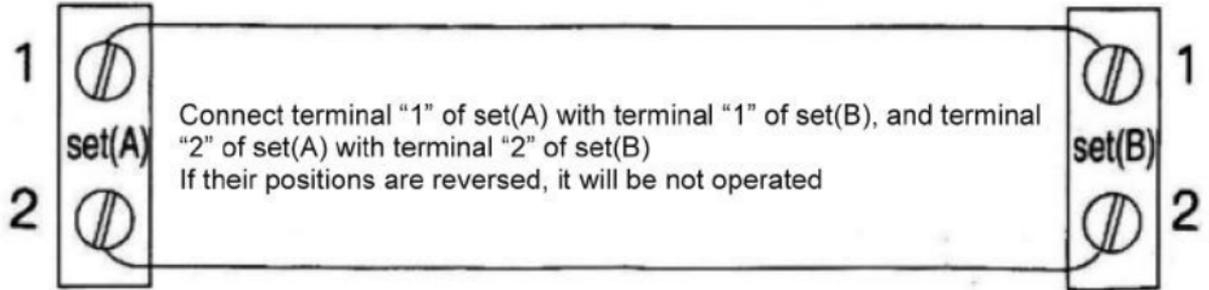
1. Depress the battery lid to open and install 4 standard AA type 1.5V batteries by connecting the snap-on lead to the battery terminals.
2. When you want to talk with the other party, raise the handset and press the call button, this sends a call tone to the other station.
3. When the bell is ringing, raise the handset and speak with the other party like telephone.
4. On completion of the conversation, replace the handset.

### **NOTE :**

- 1) Can control the sound of bell rings by use volume switch. As example, you may setting on the volume switch at “L” position, volume is low but setting at “H” position, volume is higher.
- 2) If you don't want to use dry battery, you can use 6V DC adaptor(over than 200mA) as an alternative.
- 3) On completion of the conversation, power is automatically cut off when the handset is replaced in the cradle; always ensure that the handset is properly located to avoid excessive battery drain.

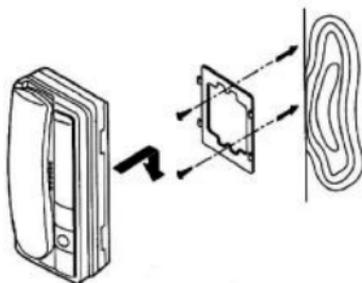


## 5. Connection

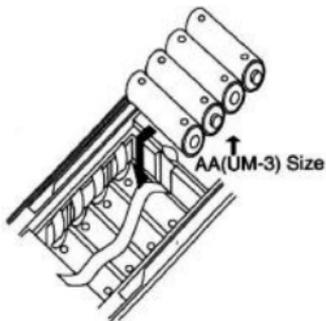


## 6. Wiring

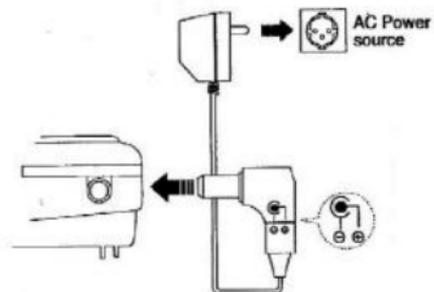
The unit may also be used with 6VDC power supply.  
It is required to use Voltage Regulation DC Power Supply for safety operation.



↑  
Intercom



↑  
Battery



↑  
Power Supply



## 7. Specifications

Operating voltage	6V $\equiv$
Output	0.2W at 8 $\Omega$
Idling current	10 mA
Maximum current	40 mA
Effective distance	2Km(O.65mm) /1 .25miles(22 AWG)
Dimensions	98(W) x 208(D) x 65(H)mm

**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](http://www.commax.com)

*Printed In Korea / 2013.07.105*