

# Exhibit E

# User's Manual

OPTEX CO., LTD.

FCC ID.:DC9TS-10U

Hand-Held Transmitter

# WIRELESS 1000

## Annunciator System



TS-10U HAND-HELD TRANSMITTER

### TS-10U MANUAL

Please read this manual carefully before using.

#### CAUTION

Please be careful of the following.

- 1. Outdoor Use**  
Do not expose this product to direct rain.
- 2. High Temperature, High Humidity & Dirty Fumes**  
Do not install this product where it may be exposed to steam or oily smoke.
- 3. Maximum transmission range may decrease under following conditions.**  
Where there is a steel door, steel reinforced concrete or other metal obstructions between the transmitter and the receiver.  
Installing either the transmitter or the receiver on a metal surface.  
Places near a strong radio source such as a broadcast station or high power lines.
- 4. Impact/Shock**  
Do not drop this product or give a strong impact/shock.
- 5. Tampering**  
Do not tamper or perform modification to this product.
- 6. Battery**  
Replace the batteries every 2 years and use only alkaline batteries.  
(Battery life may be shortened under certain conditions.)
- 7. Cleaning**  
Use a soft cloth with some neutral detergent when cleaning.  
(Paint remover or benzene may ruin the surface.)

#### MAXIMUM TRANSMISSION RANGE: 600ft. (open field, line of sight)

Above measurements were obtained over flat level ground without obstruction. The receiver and the transmitter were mounted 5ft. (1.5m) above ground. The transmission range may be shortened by obstacles (natural or man-made) in the transmission path or other environmental factors. Installation should be performed

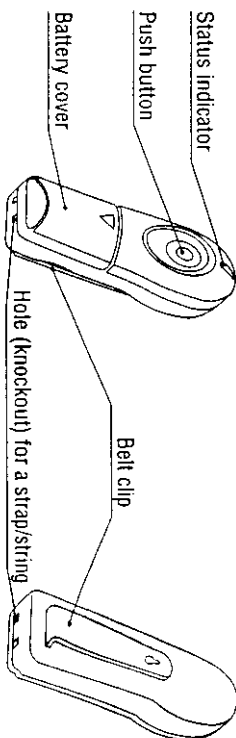
while confirming the actual transmission. Please use the recommendation below as a reference.

Stucco/Plaster construction: Up to 90ft.  
Reinforced concrete construction: Up to 60ft.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- Compatible with RC-10U (Chime Box W/Relay) & RG-10 (Single Relay Receiver)
- Design for easy grip
- Belt clip & knock-out for a key-chain/pendant
- Wall mount option
- Over 4,000,000 code combinations
- Powered by 2 AA batteries (not included)
- Low battery signal

#### PART IDENTIFICATION



#### BATTERY INSTALLATION

- Press ▼ mark slightly and slide the battery cover.
- Be careful of polarization (+/- direction).
- Batteries must be purchased separately (alkaline batteries AAx2).

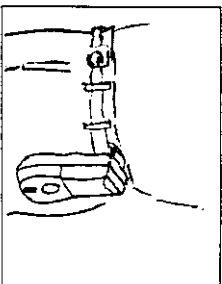
#### TRANSMITTER REGISTRATION

This transmitter must be registered with the receiver before use.

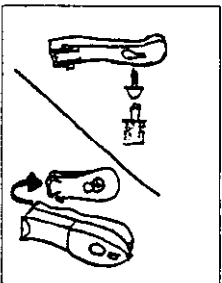
Please refer to the receiver's manual on how to register a transmitter.

1. Prepare the **RECEIVER** for registration.
  - Continue pressing the switch **1** until the power indicator starts flashing.
2. Press the push button of this product.
  - Verify that this product has been registered successfully by watching the zone indicators of the receiver. Zone indicators should have stopped flashing and remained continuously lit.
3. After registering all the transmitters, return the **RECEIVER** to normal operating mode.
  - Make sure that the receiver operates correctly with all the transmitters you have registered.

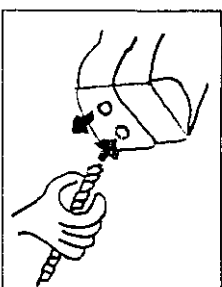
## BELT CLIP & STRAP



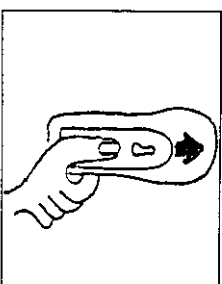
**How To Use The Belt Clip**  
Clip on to a belt or a pocket as shown in the diagram.



**Mounting Onto A Wall**  
The belt clip can be removed and fixed on to a wall. Place the transmitter to the fastened belt clip.

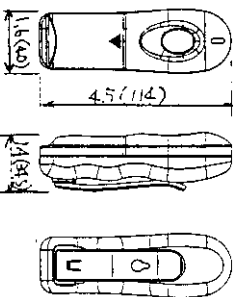


**Pendant Type**  
A chain or a string can be inserted through a knock-out hole for easy carrying.



**Removing The Belt Clip**  
Slide the unit in the direction shown in the diagram to detach the belt clip.

## DIMENSIONS



Unit: inches (mm)

## SPECIFICATIONS

Model	TS-10
Description	Hand-Held Transmitter
Status Indicator	Red LED
Power Source	3V: AAx2 Batteries
Battery Life	Approx. 2 year (100 times per day)
Frequency	418MHz
Operating Temperature	15°F - 120°F (-10°C - +50°C)
Installation Location	Outdoor/Indoor
Weight	

Specifications may change without notice

## TROUBLESHOOTING

### 1. The system is not operating.

#### Check the transmitter

Are batteries inserted correctly?

→ If not, insert batteries correctly.

Is the status light flickering?

→ If so, replace old batteries.

#### Check the receiver

Is the RECEIVER on?

Is the power indicator of the RECEIVER lit?

→ If not, check the power switch, connection and power lines.

Is the transmitter registered correctly?

→ If not, refer to the receiver's manual and reregister the transmitter.

Are RECEIVER'S parameters set correctly?

→ If not, refer to the receiver's manual and verify receiver's settings.

### 2. The system is not operating correctly.

A particular zone seems to cause error.

→ It is probably the transmitter's problem. Check the transmitter registered in this zone.

The status indicator is lit continuously.

→ Remove batteries and bring the product to your supplier.

If above solutions do not work, please contact your supplier for service.

## LIMITED TWO-YEAR WARRANTY

- (1) This Hand-Held Transmitter is warranted to the original consumer purchaser to be free from defects in material and workmanship under normal use for two (2) years from the date of purchase. If the product proves to be defective, return it postage prepaid with a copy of your dated sales receipt for repairs or replacement at no charge.
- (2) THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
- (3) This warranty is invalid under following conditions
  - Mechanical or electrical modification(s) are performed to the product or it is otherwise altered manually.
  - Product is already been serviced at place(s) other than the manufacturer.
  - It is determined that product malfunction has resulted from improper use or from an accident.
  - A copy of dated sales receipt has not been submitted together with the product to be serviced.



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