

WIRELESS 1000 Annunciator System

TS-10U HAND-HELD TRANSMITTER

This product is only compatible with Wireless 1000 series.

TS-10U MANUAL

Please read this manual carefully before installation.



FEATURES

- 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 8 million codes possible, eliminates interference from neighbors
- Powered by 2 AA batteries (not included)
- Low battery signal

Please be careful of the following:

1. High Temperature, High Humidity & Dirty Fumes

Do not expose this product high temperatures, steam, high humidity, dirty fumes or oily smoke.

2. Transmission range may decrease under following conditions.

- 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.
- To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

3. Impact/Shock

Do not drop the TS-10U or give it a strong impact/shock.

4. Tampering

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

5. Battery Replacement

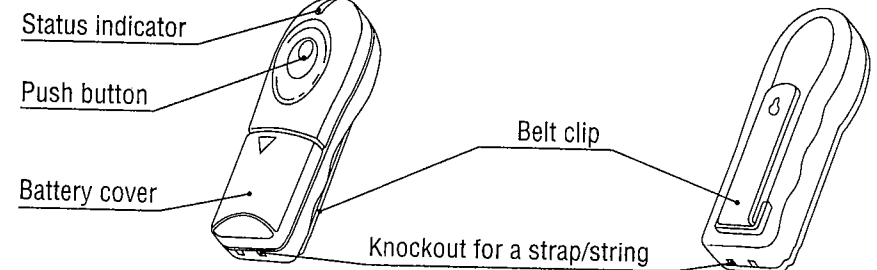
Replace the battery every 2 years. Use only 2 AA alkaline batteries.

6. Battery Usage

Do not mix new and old batteries, or batteries of different types.

7. Cleaning

Harsh cleaners such as paint remover or benzene may ruin the surface. Use a soft, wet cloth and mild soap or detergent to clean.



BATTERY INSTALLATION

- Batteries must be purchased separately (alkaline batteries AAx2).
- Press arrow mark slightly and slide the battery cover open.
- Insert batteries — observe polarity (+/- direction).

TEACH TRANSMITTER CODE TO RECEIVER

The receiver must be taught this transmitter's unique code before use. Please refer to the receiver's manual on how to teach a transmitter.

1. Prepare the receiver.

- Continue pressing the switch 1 until the power indicator starts flashing.
- Select which zone to allocate to the transmitter with the switch 2.

2. Press the push button of the TS-10U.

- Verify that the receiver learned successfully by watching the zone indicators of the receiver. Zone indicators should have stopped flashing and remained continuously lit.

3. After teaching all the transmitters' codes, if you have more than one transmitter, return the receiver to normal operating status.

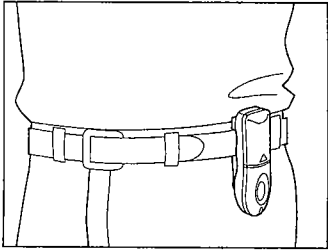
- Make sure that the receiver operates correctly with all the transmitters.

Measurements were made over level ground without obstruction. Natural or man-made obstacles and other environmental factors can interfere with or otherwise reduce transmission range. Always confirm actual transmission range during installation of system. Please use the information below as a reference for transmission performance.

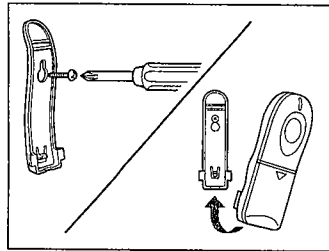
Stucco/Plaster construction:	110ft
Reinforced concrete construction:	70ft

MAXIMUM TRANSMISSION RANGE 700ft (open field, line of sight)

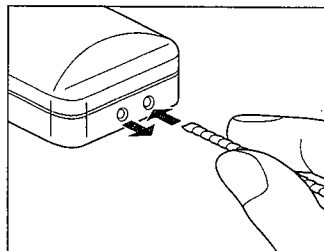
BELT CLIP & STRAP



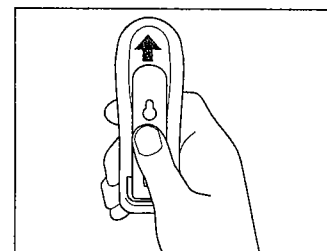
How To Use The Belt Clip
Clip on to a belt or a pocket as shown in the diagram.



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



Pendant Type
A strap 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.

TROUBLE SHOOTING

1. The system is not operating.

Check the transmitter.

Are batteries inserted correctly? → If not, insert batteries correctly.

Is the status indicator flashing? → The batteries are old. Replace them.

Check the receiver.

Is the power indicator of the receiver lit? → Is the receiver on? If not, check the power switch, connections and power lines.

The receiver does not respond to the TS-10U. → The TS-10U is not properly recognized by the receiver. Teach the receiver correctly.

The zone indicator of the receiver is on, but nothing happens. → Receiver has not been properly setup. Refer to the receiver's manual and verify the setting.

Is there anything blocking the transmission? → Relocate the receiver. Metal objects can shorten the effective transmission range.

2. The system is not operating correctly.

A particular zone is malfunctioning. → It is probably the transmitter's problem. Check the transmitter using this zone.

The status indicator is lit continuously. → Remove batteries and bring the product to your supplier.

Before contacting the supplier! → Remove the battery, then reinsert the same batteries and verify the TS-10U's operation again.

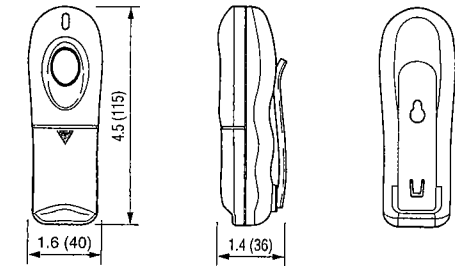
• If above solutions do not work, please contact your supplier for service.

SPECIFICATIONS

Model	TS-10U
Description	Hand-Held Transmitter
Status Indicator	Red LED
Power Source	3V: AAx2 Alkaline Batteries
Battery Life	2 years [100 times/day at 70°F (20°C)]
Frequency	418MHz
Operating Temp.	15°F~120°F (-10°C ~ +50°C)
Installation Location	Indoor
Weight	1.4oz (40g)

Specifications may change without notice

DIMENSIONS Unit: inches (mm)



LOW BATTERY INDICATION

The status indicator will start flashing when power is low. Please replace batteries when this occurs.

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.



OPTEX CO., LTD. (ISO 9001 Certified by LRQA)
4-7-5 Nionohama Otsu, 520-0801 Japan
TEL (077) 524-6047 FAX (077) 522-9022

OPTEX INCORPORATED
1845W. 205th Street Torrance, CA 90501-1510 U.S.A.
TEL (310) 533-1500 FAX (310) 533-5910

OPTEX (EUROPE) LTD. (ISO 9002 Certified by NQA)
Clivemont Road, Cordwallis Park, Maidenhead, Berkshire SL6 7BU U.K.
TEL (01628) 631000 FAX (01628) 636311