



# WIRELESS 1000 Annunciator System

Chime Box w/Relay

Single Relay Receiver

In/Outdoor  
Sensor Transmitter

Hand-Held Transmitter

## RC-10/RG-10/TD-10/TS-10



RC-10 Chime Box w/Relay

### The Next Generation of Our Wireless Annunciator System!

OPTEX now brings the benefits of its advanced wireless technology in the form of greater RF transmission range and design versatility, to make your life more comfortable and convenient.

The Wireless 1000 Annunciator System can be installed anywhere easily and quickly with no wiring.

Whether it is for home or business, indoor or outdoor, Wireless 1000 is the ideal choice for perimeter awareness and wireless remote control.

- Easy Installation
- Indoor & Outdoor Use (TD-10)
- Extra Long Radio Transmission Range
- FCC Approved



TD-10  
In/Outdoor Sensor Transmitter



RG-10  
Single Relay Receiver



TS-10  
Hand-Held Transmitter

# No Complex Wiring, Easy & in All Locations!

**OPTEX Wireless 1000 Annunciator System alerts you by 3 different chime tones and/or activates other electric devices (e.g. door strikes, lights, siren, CCTV) with relay output (RC-10).**

**The system can be triggered by motion detectors; or, manually by a hand-held push-button transmitter.**

**Wireless 1000 offers you comfort and convenience in personal and commercial applications without complex wiring.**

**Wireless 1000 for Safety & Convenience**

#### **No more surprises!**

Wireless 1000 monitors your property 24 hours a day to detect approaching vehicles and people, giving you time to prepare.

#### **No more missed visitors or deliveries!**

Wireless 1000 serves as a welcome chime or perimeter alert for your home or shop.

#### **No more hard to reach switches!**

Wireless 1000 works as a convenient wireless switch for activating a variety of electric equipment (e.g. doorstrikes / magnetic locks, lights, sirens, motors).

#### **RC-10 CHIME BOX WITH RELAY**

- Accepts 3 transmitters, identifies each zone with different chime tone
- Operates with 9VDC adapter (included)
- Wall mount or table mount design
- Form C relay for activating other devices (50V AC 1A max. or 24V DC 1A max.) with adjustable output duration



#### **TD-10 IN/OUTDOOR SENSOR TRANSMITTER**

- Uses passive infrared to detect motion and send RF signals to receivers
- Weather proof housing (IP54 rating) for both indoor and outdoor use
- Choose 50ft. Long Range or 15ft. Fan (Wide) detection pattern
- Operates on a 006P(9V) battery

#### **TS-10 HAND-HELD TRANSMITTER**

- Portable design
- With Belt clip
- Operates on 2 AA batteries

#### **The Wireless 1000 Automatic Trigger**

1 RC-10 and up to 4 TD-10 can also be used in conjunction with lighting systems or anti-crime alert devices.

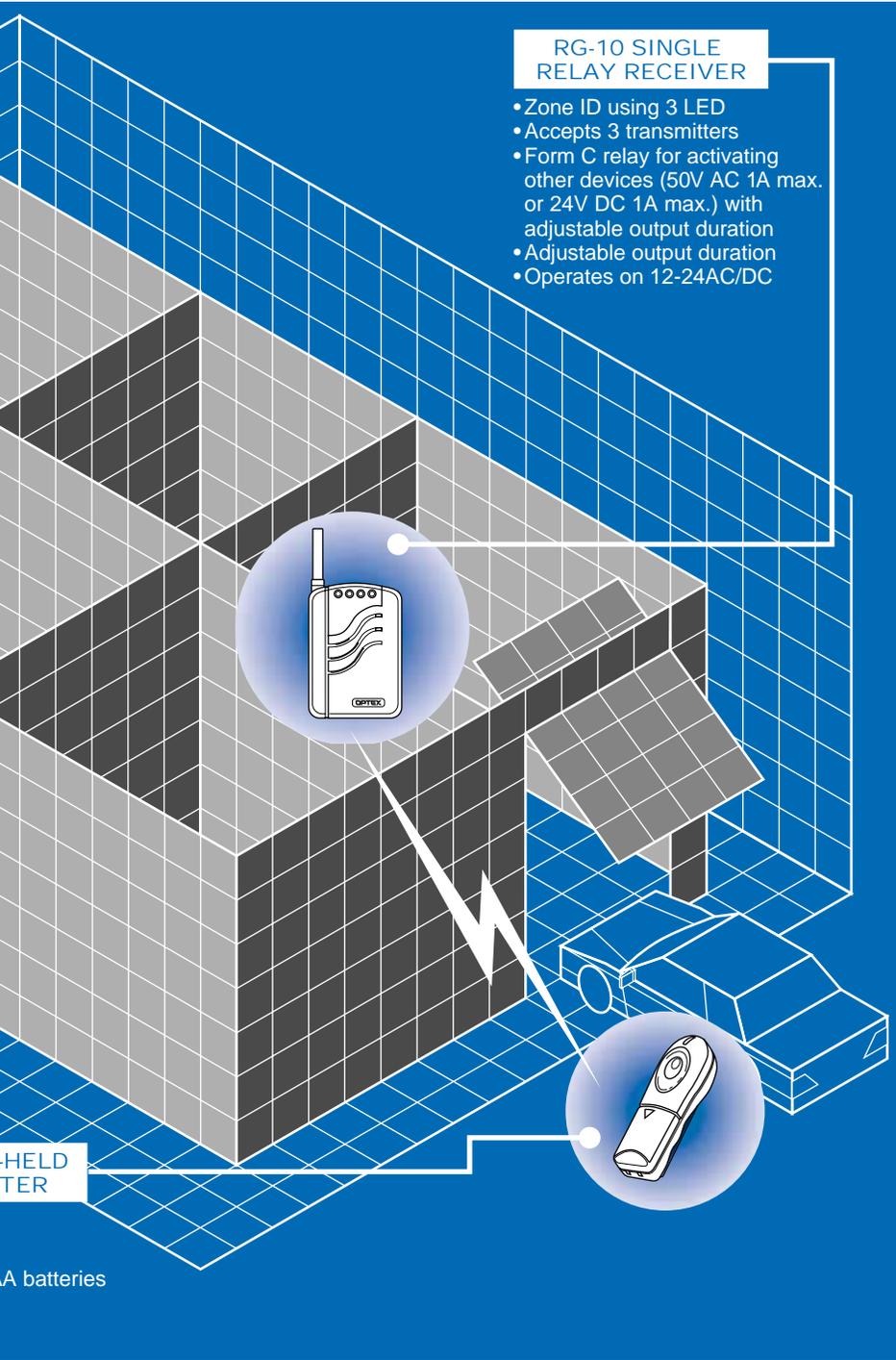


#### **The Wireless 1000 Outdoor Protection**

1 RC10 and up to 4 TD-10 can be installed around your home entrances for perimeter awareness.



# Quick Installation



## RG-10 SINGLE RELAY RECEIVER

- Zone ID using 3 LED
- Accepts 3 transmitters
- Form C relay for activating other devices (50V AC 1A max. or 24V DC 1A max.) with adjustable output duration
- Adjustable output duration
- Operates on 12-24AC/DC



HOLD  
TER

A batteries

## Long RF Transmission & Reliable Operation

### Newly developed non-directional antenna (TD-10)

All wireless transmitters have 'dead spots' within their transmission range. TD-10's improved antenna design greatly reduces 'dead spots' to make installation easier and increase reliability.

### High gain antenna & narrow band tuning (RC-10 & RG-10)

Optimal antenna design and fine RF tuning achieve a high signal to noise rate, ensuring long range and consistent operation.

### "Best In Its Class" maximum transmission range

TD-10.....	1,000ft
TS-10.....	700ft

These measurements were obtained with receivers and transmitters mounted 7ft. above level ground without obstructions. Natural and man-made obstructions and other environmental factors do shorten transmission ranges.

### Simple, automated set-up

Setup is simple! Just two buttons perform all set up functions.

### More than 8 million codes

Transmission codes are preset at the factory with over 8 million possibilities, virtually eliminating the possibility of interference or crosstalk.

### Low battery signal

Low battery indication by tone (RC-10) and LED (all models) tells you when to replace batteries and prevents malfunctions.

## Design Versatility

Specially designed sensor mounts easily on walls, ceilings, fenceposts, desktops, etc.

Weatherproof design of sensor allows outdoor use.

Two detection patterns: 50ft Long Range and 17ft. Fan Pattern

Detection pattern adjusts easily for perfect aiming.

Portable Hand-Held Transmitter (TS-10).

TS-10 can be clipped to a belt, worn as a pendant, or mounted to a wall.

## The Wireless 1000 Remote Switch

1 RG-10 and up to 3 TS-10 can be used to remotely open or close electronic locks (electronic door strikes or magnetic locks).



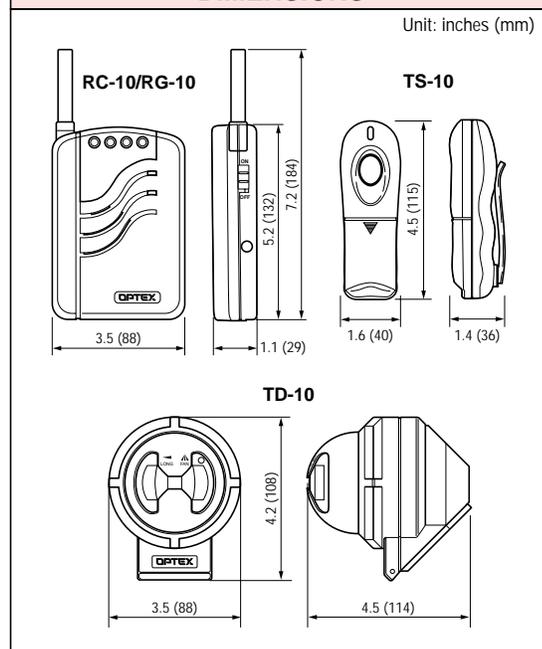
## SPECIFICATIONS

Model	RC-10	RG-10	TD-10	TS-10
<b>Description</b>	Chime Box w/Relay	Single Relay Receiver	Indoor/Outdoor Sensor transmitter	Hand-Held transmitter
<b>Detection method</b>	—	—	Passive infrared	Push button
<b>Detection pattern</b>	—	—	50ft (15m) long range 17ft (5m) fan pattern	
<b>Angle adjustment</b>	—	—	90° vertically & ±5° horizontally or ±5° vertically & 90° horizontally	
<b>Power source</b>	DC 9V (exclusive AC adaptor)	12-24V AC/DC	9V: alkaline battery	3V: AA x 2 alkaline batteries
<b>Power consumption</b>	Standby: 1W, Operating: 2W	Standby: 30mA, Operating: 80mA	—	—
<b>Battery life</b>	—	—	Approx. 2yrs [250/day at 70°F (20°C)]	Approx. 2yrs [100/day at 70°F (20°C)]
<b>Chime tone</b>	3 tone & 1 alarm (optional)	—	—	—
<b>Volume</b>	Adjustable: 0~80dB/5 levels (Continuous zone: max.)	—	—	—
<b>Relay output</b>	50V AC 1A max or 24V DC 1A max.	50V AC 1A max or 24V DC 1A max.	—	—
<b>Output timer</b>	Selectable: off/1/5/30/60sec/utility output mode	Selectable: 1/5/30/60sec	—	—
<b>Status indicator</b>	Power indicator: green LED Zone indicator: red LED × 3	Power indicator: green LED Zone indicator: red LED × 3	Red LED	Red LED
<b>Radio frequency</b>	418MHz	418MHz	418MHz	418MHz
<b>Max. transmission range</b>	—	—	1000ft (line of sight)	700ft (line of sight)
<b>Operating temperature</b>	15°F~104°F (-10°C~+40°C)	15°F~104°F (-10°C~+40°C)	15°F~120°F (-10°C~+50°C)	15°F~120°F (-10°C~+50°C)
<b>Water resistance</b>	—	—	IP54	
<b>Installation location</b>	Indoor	Indoor	Outdoor/Indoor	Indoor
<b>Weight</b>	6.0oz (170g)	4.2oz (120g)	6.3oz (180g)	1.4oz (40g)
<b>Accessories</b>	AC adaptor × 1 Mounting screw × 1	Mounting screw × 1	Mounting screw × 2	Belt clip × 1

## OTHER APPLICATIONS

RC-10 Chime Box Receiver W/Relay	RG-10 Single Relay Receiver		TD-10 In/Outdoor Sensor		TS-10 Hand-Held Push Button
			Fan (wide) angle	Long range	
●		Driveway annunciator		●	
●		Entry/Walkway chime	●	●	
●		Wireless doorbell	●		
●		Warehouse delivery areas	●	●	
●		Construction site guard	●	●	
●		Monitor hard to see or shoplifting prone items	●	●	
●		Inside display cases at jewelry stores	●	●	
●		Anti-vandalism at art galleries	●	●	
●		Loss Prevention: Monitor department store dressing rooms and fitting rooms	●		
●	●	Annunciate unauthorized use of emergency exits	●	●	
●		Signaling for drive-up window		●	
●		Location finder for blind			●
●		Delivery doors, roll-up, or bay doors		●	
●		Monitor supplies: Place in supply room or closet	●		
●	●	Release door strike or magnetic lock	●	●	●
●	●	Annunciate activity at CCTV camera	●	●	

## DIMENSIONS



**NOTE:** Specifications may change without notice. RC-10, RG-10, TD-10 and TS-10 are not theft prevention units. OPTEX can not assume responsibility for a theft, should it occur. All products listed comes with 2-year warranty.



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