

# EN1233D Necklace Pendant Transmitter (Double-button)

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- ▶ Water-resistant
- ▶ LED
- ▶ Two buttons reduce false alarms
- ▶ State-of-the-art radio
- ▶ Supervised radio link

The EN1233D Necklace Pendant Transmitter provides two button activation, respectively. The two button design reduces accidental activation. One light emitting diode (LED) flashes with all transmissions, including supervision, to clearly show users when the unit is operating. The pendant includes a belt clip and a battery. The pendant can also be mounted for fixed position signaling, adapting to a wide range of installations.

With the superior range and reliability offered by the Inovonic EchoStream platform, there is virtually no limit to the applications that can benefit from these pendants. The Inovonics EchoStream platform uses diversity reception and advanced signal processing to reduce dead spots in transmission areas.

## System overview

### Powered by Inovonics

The Inovonics EchoStream platform, powered by Inovonics wireless mesh network technology, ensures superior range, reliability, and scalability for commercial applications. Using a wide range of transmitters and repeaters, this proven technology

provides flexibility and performance to meet the most stringent requirements. This exclusive protocol is available only on Inovonics EchoStream products.

### Wireless 900 MHz Band

The Inovonics EchoStream platform sends redundant information on several multi-frequency channels within the FCC Part 15 900 MHz band, providing superior range and reliability. In comparison, systems that use a single frequency technology can only send information on one narrow band channel. Any interference within the band can cause missed signals. With wireless registration, it is easy to add this technology to any application.

## Functions

### Supervision

The battery activity and radio link are supervised. Monitoring helps ensure reliable operation and safeguards against undetected loss of service due to end user damage such as dropping the pendant repeatedly, exposing it to extreme temperature, getting the pendant wet, or other similar events.

## Certifications and approvals

Inovonics Wireless Corporation holds the following approvals:

FCC Conforms to FCC Part 15 regulations

## Installation/configuration notes

### Compatibility Information

The EN1233D Necklace Pendant Transmitter is compatible with the following products:

#### Receivers

EN4014SK	Survey Receiver
EN4200	Serial Receiver
EN4204R	LED Receiver

#### Repeater

EN5040-T	High-power Repeater
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## Parts included

Quantity	Component
1	Transmitter
1	Neck cord
1	3.0 V coin cell battery

## Technical specifications

### Electrical

Power:	3.0 V, 0.5 Ah
Battery Replacement:	Panasonic or Sanyo CR2, or approved equivalent. Not all brands are equivalent. Use a specified brand.
Battery Life (Average):	3 to 5 years. Typical battery life shown is for supervised operation.

### Environmental

Relative Humidity:	Up to 90%, non-condensing
Temperature (operating):	0°C to +60°C (+32°F to 140°F)

### Mechanical

Dimensions:	5.6 cm x 4.8 cm x 1.8 cm (2.2 in. x 1.9 in. x 0.72 in.)
Weight:	40 g (1.4 oz)

### Transmission Characteristics

Frequency:	902 MHz to 928 MHz
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### Trademarks

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Panasonic is a registered trademark of Matsushita Electric Industrial Co., Ltd.

Renata refers to Renata Batteries, a company of the Swatch Group.

SANYO is a registered trademark of SANYO North America Corporation.

## Ordering information

### EN1233D Necklace Pendant Transmitter (Double-button)

Double-button necklace pendant transmitter  
Order number **EN1233D**

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