

# EN1235S Belt Clip Pendant (Single-button)

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- ▶ Single-button activation
- ▶ State-of-the-art radio
- ▶ Supervised radio link
- ▶ Includes belt clip and battery
- ▶ Exclusive wireless protocol ensures maximum performance and reliability

The EN1235S Belt Clip Pendant Transmitter provides a single-button activation, respectively. The single-button design is ideal for assisted living installations. 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 Inovonics EchoStream platform, there is virtually no limit to the applications that can benefit from this pendant. 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

### Design

Users can wear the pendant or installers can mount the pendant in a fixed location.

### 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

The EN1235S Belt Clip Pendant Transmitter is compatible with the following products:

### Receivers

EN4016SK	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	Belt clip
1	3.0 V 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):	1 to 2 years. Typical battery life shown is for supervised operation.

### 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)

### Environmental

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

### Transmission Characteristics

Frequency:	902 MHz to 928 MHz
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### Trademarks

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SANYO is a registered trademark of SANYO North America Corporation.

## Ordering information

### EN1235S Belt Clip Pendant (Single-button)

Black, single-button pendant that includes belt clip.

Order number **EN1235S**

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