


BOSCH

Invented for life

wLSN Siren (Indoor)



The wLSN Siren (Indoor) is a wireless sounding device. The wireless Local SecurityNetwork (wLSN) protocol synchronizes multiple output devices in the same system so that they all sound together using the same cadence.

Functions

Alternate Power Supply

An optional alternate external 6 VDC to 14 VDC power supply can be connected to the siren. The alternate power supply is used as a supplemental supply to power the siren.

Warning Do not operate the wLSN Siren without batteries.

RF Signal Strength Mode

Removing the device cover and pressing the tamper switch four times within 10 seconds of battery installation activates the RF signal strength mode. The LED lights steady for 5 sec and then begins to flash. A slow flash (approximately 1 sec on, 1 sec off) indicates insufficient signal reception. A quickly flashing LED (approximately five times as fast as the slow flash) indicates the device is receiving sufficient signal from the wLSN Hub.

- ▶ Siren with an output level of 85 dBA at 3 m (10 ft)
- ▶ Wiring terminals for connection of optional alternate power source (6 VDC to 14 VDC)
- ▶ Externally-visible LED indicates test status and RF signal strength
- ▶ Determine suitability of chosen installation location with RF Signal Strength (RFSS) mode
- ▶ Supervised for low-battery, cover-tamper, and wall-tamper conditions
- ▶ Operates for up to 5 years on readily-obtainable AA batteries

Use an an Alerting Device

The wLSN Siren produces an output level of 85 dB at 3 m (10 ft); thereby meeting the requirements of most certifying agencies for use as an alerting device. Verify that it meets the requirements of the local authority having jurisdiction (AHJ).

Certifications and Approvals

Region	Certification
Europe	CE 1999/5/EC, IEC60950-1: 2001, EN60950-1:2001 +A11:2004, EN50130-4: 1996 +A1: 1998 +A2: 2003, EN61000-4-2: 1995 +A1: 1998 +A2: 2001, EN61000-4-3: 2002 +A1: 2003 +A2: 2005, EN61000-4-4: 1995 +A1: 2001 +A2: 2001, EN61000-4-5: 1995 +A1: 2001, EN61000-4-6: 1996 +A1: 2001 +A2: 2001 +A3: 2005, EN61000-4-11: 1994 +A1: 2001, EN55022/ANSI C63.4: 2003, ETSI EN 300 220-1 V1.3.1: 2000-09, ETSI EN 301 489-1 V1.4.1: 2002-08, ETSI EN 301 489-3 V1.4.1: 2002-08
Belgium	INCERT B-509-0058

Listings and Approvals: **CE**
 Complies with: EN50131-1 Grade 2, Environmental class II

Installation/Configuration Notes

Compatibility Information

The wireless Local SecurityNetwork (wLSN) including the wLSN Siren (Indoor) is compatible with the Easy Series Control Panel.

Mounting Considerations

Note The wall tamper cannot be used in corner mount installations.

Mount the siren on interior walls or ceilings where it is protected from weather elements such as rain or snow.

Note Installation on metal surfaces can affect the RF propagation pattern of the radio transceiver.

The RF transceiver has a range of approximately 1000 m (3000 ft) in open air. However, in normal operation, the actual RF range depends on building construction.

Parts Included

Quant.	Component
1	Siren
4	AA batteries (P/N: 16556)
1	Hardware pack
1	Literature pack

Technical Specifications

Environmental Considerations

Environment:	Indoor, dry
EN50131-1	Environmental Class II
Relative Humidity:	Up to 95%, non-condensing
Temperature (operating):	-10°C to +55°C (+14°F to +131°F)

Mechanical Properties

Color:	Off-white
Dimensions (H x W x D):	12.6 cm x 7.5 cm x 4.5 cm (5.0 in. x 3.0 in. x 1.8 in.)

Outputs

Sound:: 85 dBA at 3 m (10 ft)

Power Requirements

Battery Power

Battery Life:	Up to 5 years under normal operating conditions.
Battery Requirements:	Four AA Alkaline batteries
Recommended Replacements:	Duracell® MN1500 or PC1500, Eveready® E91, Panasonic® AM-3PIX/B

External Power Supply (optional)

Voltage (supply): 6 VDC to 14 VDC

Transmission and Reception Characteristics

Frequency:	European Security Band 868 MHz to 869 MHz
Range (open field):	1000 m (3000 ft)

Trademarks

Duracell® is a registered trademark of the Gillette Company, USA, in the United States and/or other countries.

Eveready® is a registered trademark of Eveready Battery Company, Inc.

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

Ordering Information

wLSN Siren (Indoor) Wireless sounding device	ISW-BSR1-WX
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