

SecureX SignalMax

Installation Manual

Model: SSREPEATER-SX - Version: v1 Date: 2026-02-18



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1. Product Overview

SecureX SignalMax is a wireless signal repeater that forwards signals between detectors, remote controls, and the SecureX hub.

The product is used in installations where the distance is long or where walls, concrete, or metal reduce signal strength.

Only one SignalMax may be installed per system.

2. Features

Five wireless zones (Zone 1–5) supporting up to a total of 99 detectors.

Support for up to 99 remote controls.

Two wired zones (Z4 and Z5) with selectable NO or NC configuration.

Built-in backup battery with automatic switching during power failure.

Internal memory (EEPROM) that retains settings during power loss.

3. Placement

Install the unit between the hub and the devices with weak signal.

Recommended mounting height is 1.5–2 meters above the floor.

Avoid placement in electrical cabinets, directly on metal, or behind reinforced concrete.

Correct placement is essential for stable signal and operational reliability.

4. Installation

1. Öppna kapslingen.
2. Märk ut och borra monteringshål.
3. Fäst enheten med medföljande skruv och plugg.
4. Säkerställ att enheten sitter stabilt innan ström ansluts.



5. Power Supply

SignalMax is powered via DC5V (Micro USB) or DC12V.

In the event of a power failure, the built-in backup battery activates automatically.

Verify that the power indicator lights red when external power is connected.

6. Pairing with SecureX Hub

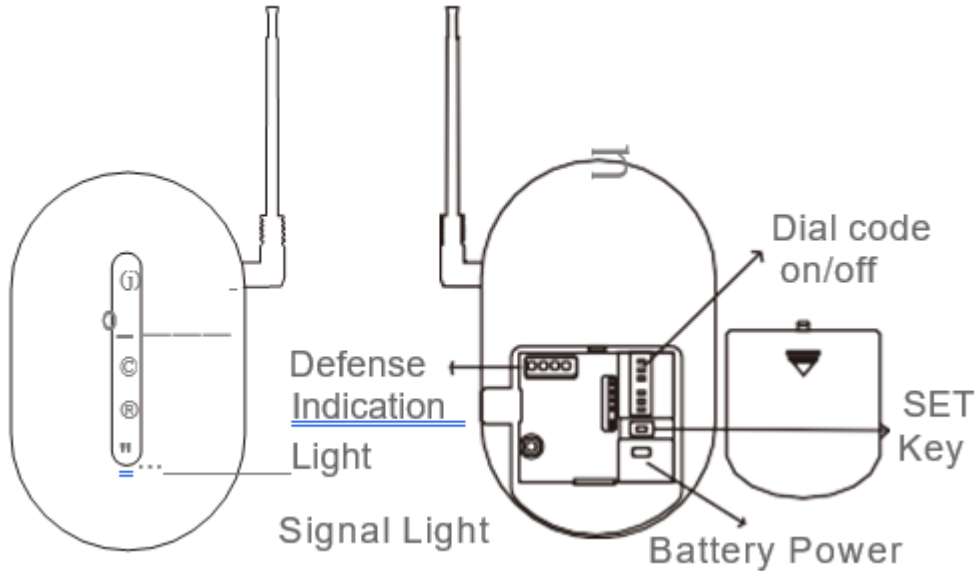
Set the hub to learning mode.

Start SignalMax and confirm that the unit is registered in the system.

The first pairing should always be performed near the hub.

Verify in the app that the unit is online before final placement.

7. Learning Wireless Devices (Zone 1-5)



SignalMax has five separate zones. To simplify service, it is recommended that different device types are placed in separate zones, for example QuickControl remote controls in Zone 1, motion detectors in Zone 2, and DoorSense magnetic contacts in Zone 3.

Press the SET button 1-5 times to select the zone.

Then activate the device. Two beeps confirm successful learning.

Exit by briefly pressing SET or wait 20 seconds without activity.

8. Delete Zone

Select the desired zone.

Hold the SET button until four beeps are heard.

All devices in the zone will be deleted.

9. Factory Reset

Disconnect the power.

Hold the SET button and reconnect power.

The unit flashes and beeps. All learned devices are deleted.

10. Technical Specifications

Power: DC5V or DC12V

Backup battery: 4.2V

Frequency: 433 MHz (ASK), 868 MHz (FSK)

Receiving range: approx. 100 m (line of sight)

Transmission range: up to 600 m (line of sight)

Operating temperature: -20 °C to +55 °C

Maximum number of devices: 99 detectors + 99 remote controls

IMPORTANT: Always document zone allocation and configuration in the system log to simplify future service and troubleshooting.