

SECUREX CONNECT PRO

SecureX SirenGuard Pro Installation Manual - Premium

Model: SIREN-PRO-SX
Version: v1.2
Date: 2026-02-19





1. Product overview

SecureX SirenGuard Pro is a robust outdoor siren for the SecureX alarm system.

The siren combines powerful alarm sound (up to 120 dB), flashing strobe light and tamper monitoring.

The unit has a built-in 3.7 V / 5000 mAh battery and can be powered via external DC supply. A solar panel can be connected as an option.

The unit is always used together with a SecureX hub (not standalone).

2. Technical specifications

External power supply: DC 6–15 V / 1 A.

Built-in battery: 3.7 V / 5000 mAh lithium.

Communication (SecureX): Long Range / LoRa (range up to 500 m in open area).

Sound level: 5 levels (including silent mode), max 120 dB.

Alarm tone: 2 options.

Alarm duration: 30 s / 1 min / 3 min (standard) / 5 min.

Input/output: NC/NO (output optional depending on version).

Temperature range: –20 °C to +50 °C.

Environment: <95 % RH (non-condensing).

3. Overview - buttons and connections

Tamper switch: alarm when removed (if enabled).

Volume button (touch): short press changes volume level.

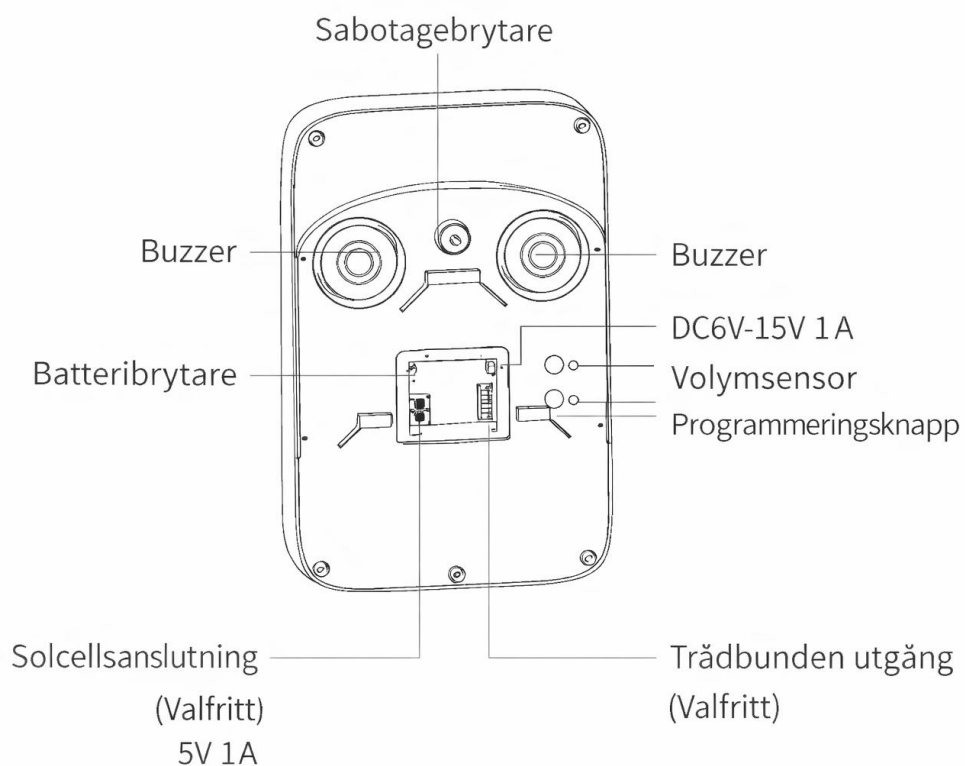
Settings button (touch): used for alarm tone, alarm duration, pairing and reset.

DC input: DC 6–15 V / 1 A.

Solar connection (optional): 5 V / 1 A.

Wired input: NC/NO.

Wired output (optional): NC/NO.



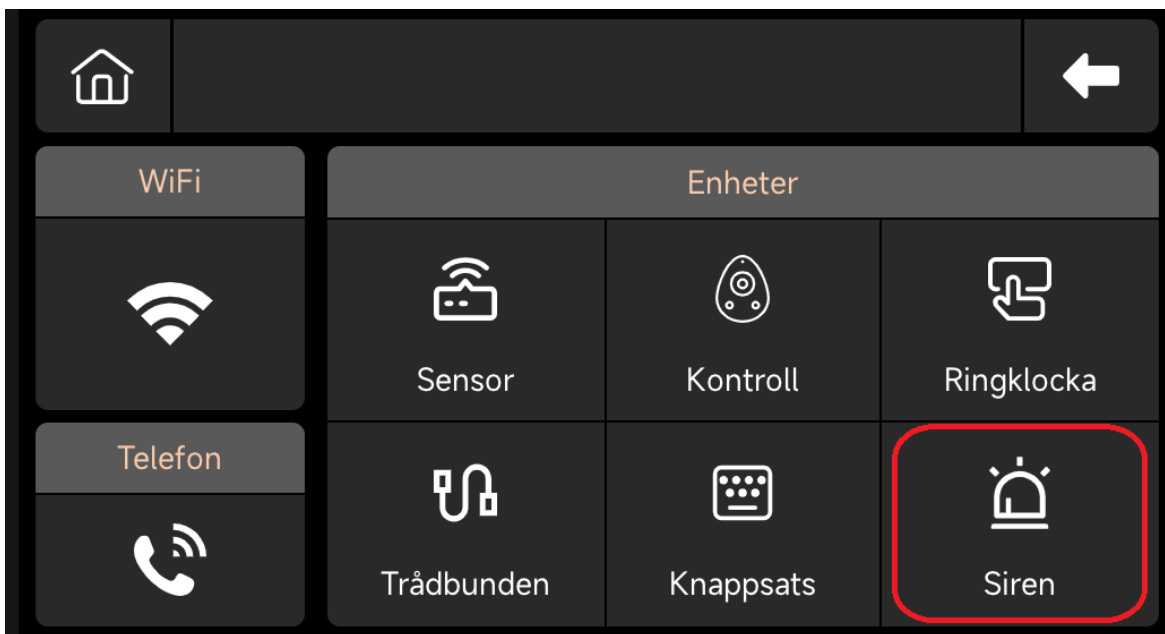
4. Programming & pairing

NOTE: The touch buttons automatically lock after 1 minute of inactivity (to reduce power consumption and avoid accidental presses).

4.1 Pair with SecureX hub

- 1) Power on the siren: connect external power and set the battery switch to ON.
- 2) Press and hold the Programming button for 2 seconds: all lights turn on and the siren waits for pairing (pairing time approx. 30 s).
- 3) On the hub: trigger pairing / send signal according to the hub instructions.
- 4) When pairing is successful: the siren emits a long tone and the warning light turns on for 1 second.

Maximum 10 hubs / alarm hosts can be paired (according to original specification).



4.2 Set alarm volume (short press on Volume button)

Levels cycle in sequence: Silent → 60 dB → 80 dB → 100 dB → 120 dB.

4.3 Set alarm tone (Programming button - short press in tone mode)

The siren has 2 different alarm tones (Tone 1 and Tone 2).

4.4 Set alarm duration (Programming button - short press in time mode)

Select alarm duration: 30 seconds / 1 minute / 3 minutes (standard) / 5 minutes.

4.5 Reset

Start the siren and hold Volume + Settings for 5 seconds (within 10 seconds after power-up). The siren restarts and reset is complete.

4.6 Delete all pairings (Clear pairing records)

Press and hold the Programming button for 5 seconds to clear the pairing memory and restart the system.

5. Status indicators

Away mode: the siren beeps 3 times and left + right LEDs light up.

Home mode: the siren beeps 3 times and the center LED lights up.

Disarmed: the siren beeps once and all LEDs turn off.

Alarm: the warning light flashes continuously.

Low battery: the siren beeps once per minute and the warning light flashes once.

6. Tamper protection

When the tamper switch is pressed and released after approximately 10 seconds (or when the siren is mounted on the wall), tamper monitoring is activated.

If the siren is then removed from the wall, the alarm sounds.

7. Wired connection (NC/NO)



Wired input (NC/NO): If the siren is armed and the wired zone is triggered, the siren sounds. If the zone is triggered when the system is disarmed, the siren does not sound.

8. Outdoor installation

8.1 Install waterproof gasket and cover

- 1) Install the waterproof gasket on the rear according to instructions.
- 2) Install the waterproof cover over the rear housing.
- 3) Tighten the screws in order 1–4 for even pressure and sealing.

8.2 Wall mounting

- 1) Fix the mounting plate to the wall using anchors and screws.
- 2) Hang the siren on the mounting plate and ensure it is locked.
- 3) Check that the tamper switch is properly pressed when the siren is mounted.

9. Troubleshooting

Cannot pair: ensure the siren is in pairing mode (all lights on) and that the hub sends a pairing signal within 30 seconds.

Pairing fails: the siren may indicate failure with repeated beeps (according to original). Try again near the hub.

Short range: place the siren closer to the hub and avoid obstacles/metal between the devices or purchase SecureX SignalMax.

Low battery: charge via DC or solar panel, or check battery switch and operation.

Tamper alarm: check installation so the tamper switch is pressed when the siren is mounted on the plate.

10. Support

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