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SOLAR OUTDOOR SIREN

ShieldHorn

User manual

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Welcome

Thank you for choosing the ShieldHorn.

The ShieldHorn is a wireless outdoor siren with a strobe light. When your alarm panel raises the alarm, it wails loudly and the red strobe light flashes brightly. The whole street knows something is wrong, and you scare off a burglar before they are even inside. The visible siren on your wall alone already deters many burglars.

The ShieldHorn charges itself with its solar panel and needs no wiring. It works with the ShieldLink Lite, Plus, Pro and Elite and with the CamperGuard Pro.

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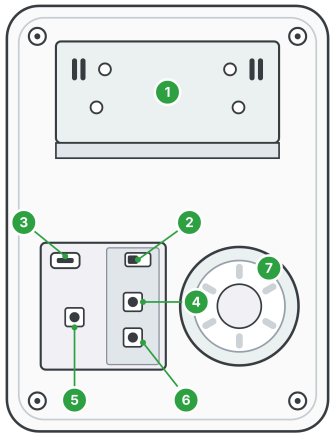
1 The ShieldHorn at a glance



Front: solar panel at the top, strobe light at the bottom



Back — the numbers are explained in the table below

No.	Part	What it does
1	Mounting bracket	Screw it to the wall; the siren clicks onto it
2	On/off switch	Switches the siren and the built-in battery on or off
3	USB port	For charging the battery with a 5 V / 1 A USB adapter
4	Button S1	Selects the alarm sound
5	Button S3	Short press: pair with your alarm panel · long press: factory settings
6	Button S2	Selects the operating mode: sound and light, sound only or light only
7	Buzzer	Makes the beeps during setup and the alarm sound

The buttons, the switch and the USB port are in the compartment on the back. You can reach them while the siren is not yet on the wall.

2 Charging

The ShieldHorn has a built-in battery that the solar panel tops up during the day. Fully charge the battery via USB before first use, so it has enough energy straight away.

1. Connect a 5 V / 1 A USB adapter (for example an ordinary phone charger) to the USB port (3).
2. Let the siren charge for 4 to 5 hours. After that the solar panel keeps the battery topped up.

WARNING

Only use a 5 V USB adapter. An adapter with a higher voltage damages the siren and can be dangerous.

GOOD TO KNOW

The solar panel needs at least 5 hours of direct sunlight a day to charge the battery properly. In winter or in a shady spot it charges more slowly; then top it up via USB now and then.

3 Pairing with your alarm panel

Pair the ShieldHorn on the table, next to your alarm panel, before you mount it. Then you can test everything calmly.

1. Set the on/off switch (2) to ON. The siren beeps twice and the light flashes twice: it is on.
2. On your alarm panel, open the menu for pairing a siren — see the table below.
3. Briefly press button S3 (5). The siren beeps once and the light keeps flashing: it is now in pairing mode for 20 seconds.
4. Within those 20 seconds, let your alarm panel send the pairing signal (see the table).
5. Do you hear a long 1-second beep and does the light stay on for 1 second? Then the ShieldHorn is paired.

Alarm panel	How to send the pairing signal
ShieldLink Pro, Elite and CamperGuard Pro	Tap Connection (user code, default 1234) → Siren. Put the ShieldHorn in pairing mode, then press OK on the panel.
ShieldLink Plus	Menu → Accessories (user code, default 1234) → Siren. Put the ShieldHorn in pairing mode, then confirm on the panel.
ShieldLink Lite	Put the ShieldHorn in pairing mode and trigger an SOS alarm within 20 seconds, for example with the SOS button on your QuickLink. Then switch the alarm off.

You hear	You see	Meaning
Long beep (1 s)	Light stays on for 1 second	Paired
2 beeps	Light flashes twice	Pairing failed — try again
Rapid beeps	Light flashes quickly	This ShieldHorn was already paired with this panel

Pairing does not work?

- Keep the ShieldHorn close to your alarm panel while pairing.

- Mind the 20 seconds: open the pairing menu on your alarm panel first, and only then put the ShieldHorn in pairing mode.
- Is the battery almost empty? Charge the siren via USB first.
- Still not working? Reset the ShieldHorn to factory settings: hold button S3 (5) for about 10 seconds, until it beeps 4 times and the light flashes 4 times. All old pairings are then cleared. Then pair it again.

GOOD TO KNOW
Test the pairing with the siren beep: on your alarm panel, switch on the option External siren beep (Pro, Elite and CamperGuard: Security → Alarm · Plus: Menu → Security → Alarm · Lite: in the app under Settings). Arm and disarm the system: the ShieldHorn then beeps briefly along. Switch the beep off again after the test.

4 Settings

Choosing the operating mode (button S2)

Briefly press button S2 (6) to select the next operating mode. The number of beeps and flashes tells you which mode is active.

Operating mode	The siren	When useful
Sound and light	Beeps once, light flashes once	Default: the strongest deterrent
Sound only	Beeps twice, light flashes twice	If the strobe light is not wanted
Light only	Beeps 3 times, light flashes 3 times	Silent alarm: only the strobe light comes on

Choosing the alarm sound (button S1)

Briefly press button S1 (4). The siren plays the next alarm sound; press again for the one after that. The last sound chosen stays set.

5 Mounting

The right spot

- On the front of the house, clearly visible from the street: a visible siren deters on its own.
- Somewhere with at least 5 hours of direct sunlight a day, with the solar panel facing south if possible.
- High enough so that nobody can reach it without a ladder.
- Within range of your alarm panel: up to 100 metres in open field, less through walls. Large metal objects, reinforced concrete and fire doors weaken the signal.
- Not right next to devices that cause interference, such as a microwave or a Wi-Fi router.

Mounting it

1. Slide the siren up off the mounting bracket (1).
2. Hold the bracket in the chosen spot and mark the holes. Drill the holes and screw the bracket in place with plugs and screws suited to your wall.
3. Check that the on/off switch is set to ON.
4. Hold the siren against the bracket, let the clips engage and slide it down until it is secure.
5. Test the siren in its final position: switch on External siren beep, arm and disarm the system and listen whether it beeps briefly along. Then switch the beep off again.

6 Unpairing and factory settings

Want to pair the ShieldHorn with a different alarm panel, does pairing not work, or is it no longer working properly? Reset it to factory settings. This clears all pairings.

1. Hold button S3 (5) for about 10 seconds.
2. The siren beeps 4 times and the light flashes 4 times: all pairings are cleared.
3. Then pair the ShieldHorn again, as in chapter 3.

> **IMPORTANT**
> Also remove the siren in the app or on your alarm panel if you no longer use it.

7 Specifications

Type	Wireless outdoor siren with strobe light, solar powered
Works with	ShieldLink Lite, Plus, Pro and Elite · CamperGuard Pro
Wireless	433.92 MHz (EV1527) · range up to 100 m in open field
Sound	Up to 100 dB (measured at 10 cm)
Power supply	Solar panel · USB 5 V / 1 A
Battery	3.7 V / 1000 mAh lithium polymer, built in
Charging time	Via USB 4–5 hours · via the sun more than 10 hours (depending on sunlight)
Power consumption	Standby < 10 mA · alarm < 200 mA
Environment	−20 to +55 °C · 40–80 % humidity · IP65, for outdoor use
Dimensions	164 × 124 × 59 mm
In the box	ShieldHorn with mounting bracket

8 Warranty & support

Your ShieldHorn comes with a manufacturer's warranty. Questions or need help? Our team is happy to help.

- E-mail: service@neroo.nl · Phone: +31 85 850 0107
- Manuals, videos and frequently asked questions: neroo.eu/pages/manuals
- End of its life? Hand the siren in at a collection point for electrical appliances (WEEE): the battery is built in.

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