

# Wireless receiver

## 433 MHz

### NXG-433



#### Increasing zone capability

The NXG-433 wireless receiver adds wireless capabilities to the Hills Reliance XR Pro panel. The receiver acts as a zone expander and supports most of the legacy 433 MHz 63-bit transmitters and functions as well as the new generation of 80Plus 433 MHz transmitters and 2-way devices.

The NXG-433 wireless receiver also provides two wired zone inputs and one programmable relay output.

#### 2-way wireless

The NXG-433 wireless receiver makes it possible to extend the Hills Reliance XR Pro panels with wireless indoor & outdoor sirens, wireless input/output modules as well as 2-way keyfobs, all of these using the new 80Plus protocol. The wireless communication is fully encrypted, avoiding unauthorized interference.

#### Installation and programming

The NXG-433 wireless receiver needs to be installed outside the panel housing in order to assure a maximum wireless range. The wireless receiver enrolls as a standard zone expander and will send incoming RF packets from the wireless transmitters to the CPU for further processing.

The firmware of the module is remotely upgradeable via the DLX900 downloader or on-site via USBUP.

#### Features

- Two wired zone inputs
- One programmable SPDT Form C relay output
- Supports legacy 63-bit 433 MHz and new 80Plus 433 MHz transmitters
- Supports wireless indoor & outdoor siren and wireless input/output module
- Learn-mode technology
- Removable terminals
- Firmware upgrade via USBUP flash tool or via DLX900 over the network

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## Specifications

|   |                                      |
|---|--------------------------------------|
| Operating power                                     | 12 Vdc                               |
| Current consumption                                 |                                      |
| Minimum   | 47 mA                                |
| Maximum   | 51 mA                                |
| Supported transmitters                              |                                      |
| legacy range of 433 MHz transmitters                | 433 MHz 63-bit                       |
| new range of 433 MHz transmitters and 2-way devices | 433 MHz 80Plus                       |
| Operating temperature                               | -10°C to 55°C                        |
| Maximum humidity                                    | 90% relative humidity non-condensing |
| Dimensions (L x W x H)                              | 155 x 95 x 26 mm                     |
| Weight  | 0.160 kg                             |

## Ordering information

| Part No. | Description       |
|----------|-------------------|
| NXG-433  | Wireless receiver |