
Nice
bidirectional
radio control
systems for gate
and door
automations
Nice

Nice extends its range of control systems with bidirectional versions:

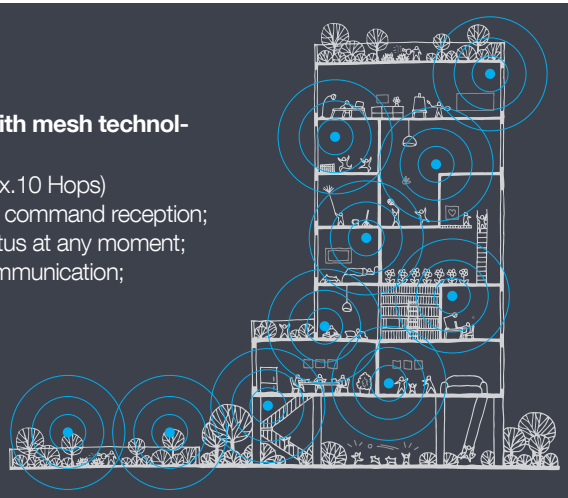
With the Era One BD transmitter and OXI BD receiver, you can now receive **feedback on reception** of the command and the **status of the gate and garage door automations**.

When the user sends a command to the automation, the transmitter indicates correct reception, the presence of possible faults or the need to change the device battery. When the “i” key is pressed, the transmitter also provides information on automation status (open, closed, in movement) by light, sound or vibration signals.

Nice mesh network

The Nice bidirectional radio protocol with mesh technology has numerous advantages:

- extension of the radio range to 500m (max.10 Hops)
- confirmation by the automation of correct command reception;
- the possibility of checking automation status at any moment;
- high security, thanks to the encrypted communication;
- low energy consumption in standby.



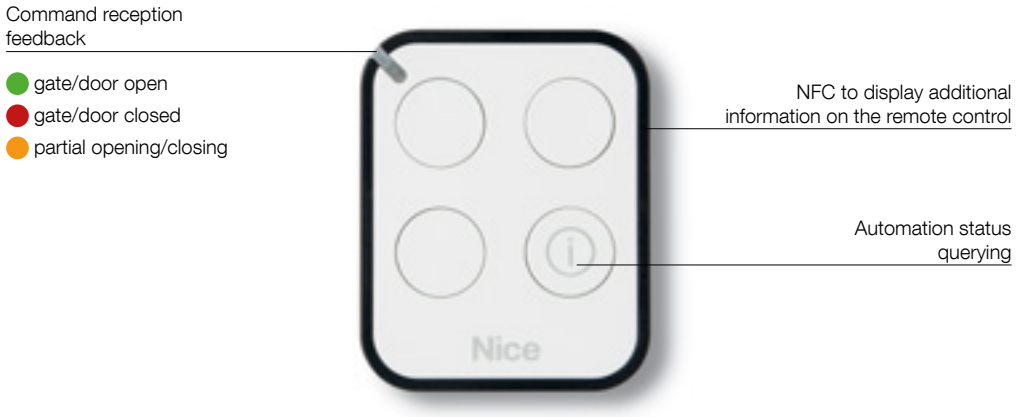
Additional information thanks to the NFC technology

The Near Field Communication enables you to access additional information by simply placing your smartphone near the Era One Bidirectional transmitter.

Nice

Era One BD & OXI BD

Bidirectional transmitters and receivers



Four key transmitter: 3 radio channels and 1 key to request automation status.

433.92 MHz radio frequency with rolling code encoding, identity code management and self-learning with 192 bit encoding, also compatible with receivers with Nice O-Code FloR encoding.
Operating in unidirectional mode, the bidirectional Era One remote control is also compatible with previous versions of Nice plug-in and external receivers.

Instantaneous command: the new bidirectional radio protocol is about 30 times faster than the previous radio protocols. Automation control has never been faster!

Even at a distance from the system, you can enable a new transmitter by using another transmitter already enabled in the receiver, thanks to exchange of the **identity code** between them.

Elegant and practical: the Era One transmitter can be used as a refined high-tech keyring, or fixed to the wall or the car dashboard, thanks to the practical mount included in the pack.

Bidirectional Era One, ideal for using in cities or wherever there are numerous other devices present.

The bidirectional radio protocol uses GFSK modulation to improve immunity from interference.

Plug-in, bidirectional receiver with the functions of the Opera system.

The OXIBD is compatible with all Nice control units with SM connector and so can also make existing Nice automations bidirectional.

Ergonomic design: antenna connectors, key and programming LED in convenient practical positions.

Maximum flexibility: can memorise up to 750 bidirectional transmitters or 1024 unidirectional transmitters..

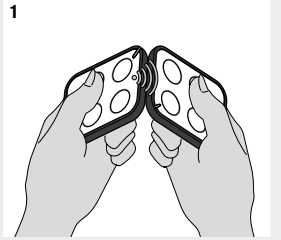
OXIBD receivers can be used as signal repeaters to increase the operating distance between the transmitters and other Nice bidirectional receivers.

TRANSMITTER TECHNICAL SPECIFICATIONS

Code	Description	Pcs./pack
ON3EBD	3 channels, bidirectional, 433.92 MHz	10

	Carrier frequency	Estimated range	Encoding	Power supply	Battery lifetime	Protection class	Dimensions Weight
ON3EBD	433,92 MHz	500 m (max. Mesh network); 35m (if inside a building)*	BD; 192 bit O-Code	3 Vdc; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g

* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.



1. Exchange of identity code between a previously memorised transmitter and a new transmitter to be memorised.

2. The NFC technology and a dedicated webpage enable further information to be provided on the transmitter and on battery status.

RECEIVER TECHNICAL SPECIFICATIONS

Code	Description	Pcs./pack
OXIBD	Plug-in, bidirectional, 433.92 MHz radio receiver	1

	Reception frequency	Transmission frequency	Input impedance	Sensitivity	Encoding	Number of channels	Power supply	Current draw	Protection class	Dimensions Weight
OXIBD	433,92 MHz	433.92 MHz (solo BD)	50 Ohm	-108 dBm	BD, O-Code, FloR, TTS, Flo, Smilo	4 (on "SM" plug-in connector)	5 Vdc	50 mA (max)	IP 30	49,5x18x41,9 h mm 22 g

Technology as simple as a gesture

Nice, easy solutions for Home and Building.

Systems for the automation and control of gates, garage doors, blinds, shutters and alarm systems, with integrated management using smart and intuitive interfaces: practical, functional and elegant solutions to help you enjoy your living spaces to the full.

Nice

NiceLoveEarth

Nice cares for the environment.
Using natural paper it avoids excessive use of raw materials and forest exploitation. Waste is reduced, energy is saved and climate quality is improved.

Our products and technologies are protected with patents and design trademark registrations. Any violation of our rights will be legally prosecuted.

• The information shown in this publication is purely indicative. Nice reserves the right to make any modifications to the products as it sees fit.
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