

SIRENA

NXT

MODULAR SIGNALING STACK LIGHTS

Smart solutions for industrial signaling



Stack lights have always been the benchmark for **signaling devices related to automation, on-board machine installations, manual workstations, access control systems**, or anywhere else where **signaling of different statuses, faults, or material shortages** is required.

The **NXT | Ø50 mm modular signal stack lights** are the **professional** solution that **improves efficiency and competitiveness** in signaling thanks to the features of this new range:



Versatility in power supply voltages to meet even specific requirements: **12V DCAC, 24V DCAC, 110/240V AC**



Programmable via **NFC** using **MySirena App**



Programmable via **NFC** using **MySirena App** for all **multicolor RGB PRO** modules (and acoustic module, if present)



IO-Link

IO-Link communication protocol enables **automatic configuration** thanks to **plug-and-work** functionality



Assembly of modules by means of an intuitive, quick, and safe **bayonet mechanism**



Modules equipped with a **patented locking/connection system** through **sliding contacts**



Smooth design that prevents **dust and other deposits** on the stack light



High protection rating: **IP66 - IP69K** (also for the acoustic modules)



Low power consumption of luminous and acoustic modules



Acoustic modules providing **high sound output** (up to 94dB)



Luminous modules with vertically lined lens allowing a **perfect light distribution over 360°**

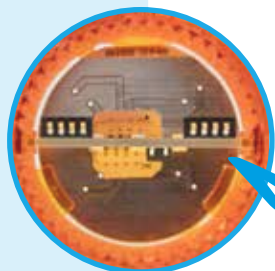


4 colors (gray, black, white and silver) for the base and acoustic modules, providing industry professionals and end users with a customized product for their application.

AUTOMAX

NXT

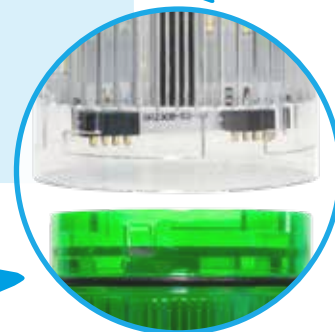
SIRENA



PATENTED LOCKING/CONNECTION SYSTEM
THROUGH SLIDING CONTACTS



twist-lock



QUICK AND SAFE BAYONET MECHANISM

STAINLESS BRACKET

Stainless steel **bracket** for lateral mounting

- 33357
- 33358
- 33359

STAINLESS BRACKET M12-8

Stainless steel **bracket** with 8-pin | M12 Adapter

- 31912
- 31913
- 31914

M12-8 ADAPTER

M12 Adapter
| 8-pin for quick connection

- 31909
- 31910
- 31911



EXTENSION L10
Extension
10 cm

- 27761
- 27692
- 27880
- 34008



BS
Flat base
for surface mount

- 31559
- 31550
- 31560
- 34009



WALL MOUNT BP1 | BP2

Wall bases
for side mount
of 1 or 2 stack lights

WALL MOUNT BP1

- 27762
- 27693
- 27708
- 34020

WALL MOUNT BP2

- 27763
- 27694
- 27555
- 34028



EXTENDED FOOT L10

Flat base
for surface mount with
10 cm extension

- 27764
- 27695
- 27879
- 34029



KIT SS L10

- 27765
- 27845
- 27552
- 34010

KIT SS L20

- 27766
- 27846
- 27553
- 34018

KIT SS L40

- 27767
- 27847
- 27554
- 34019



KIT SS L10 | L20 | L40

Flat base
for surface mount with
stainless steel extension
10 cm | 20 cm | 40 cm



Find out more

NXT mounting bases are necessary for stack light configuration and offer versatility thanks to the different mounting solutions.

NXT RANGE: CONFIGURATIONS

NXT SOUNDER

Piezoelectric acoustic module

○ 33928
● 33930
○ 33937
● 33998



NXT SOUNDER LINEARE

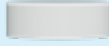
Piezoelectric acoustic module - Continuous sound

○ 33948
● 33949
○ 33950
● 33951



TOP CAP

Provided with the **WIRING BASE**
To be used when the **SOUNDER** acoustic module is not installed



NXT STY 12V

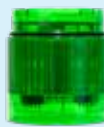
Light module
STEADY LIGHT



12V ACDC
● 33901
○ 33902
● 33903
○ 33904
● 33945
○ 33906

NXT FLA 12V

Light module
FLASHING LIGHT



12V ACDC
● 33911
○ 33912
● 33913
○ 33914
● 33955
○ 33916

NXT WIRING BASE 12V

Wiring base



12V ACDC
○ 33900
● 33910
○ 33919
● 33992

NXT SOUNDER

Piezoelectric acoustic module

○ 33928
● 33930
○ 33937
● 33998



NXT SOUNDER LINEARE

Piezoelectric acoustic module - Continuous sound

○ 33948
● 33949
○ 33950
● 33951



TOP CAP

Provided with the **WIRING BASE**
To be used when the **SOUNDER** acoustic module is not installed



NXT STY

Light module
STEADY LIGHT



● 33921
○ 33922
● 33923
○ 33924
● 33965
○ 33926

● 34001
○ 34002
● 34003
○ 34004
● 34002
○ 33926

NXT FLA

Light module
FLASHING LIGHT



● 33931
○ 33932
● 33933
○ 33934
● 33975
○ 33936

● 34011
○ 34012
● 34013
○ 34014
● 34012
○ 33936

NXT RGB STY

RGBW multicolor light module
STEADY LIGHT



33941 (one module)

NXT WIRING BASE 24V

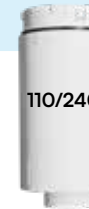
Wiring base



24V ACDC
○ 33905
● 33915
○ 33920
● 33993

NXT WIRING BASE 110/240V

Wiring base



110/240V AC
○ 33907
● 33917
○ 33925
● 33994

NXT WIRING BASE IO-Link 24V

Wiring base



IO-Link

24V DC
○ 33939
● 33940
○ 33942
● 33995

NXT SOUNDER NFC*

NFC Piezoelectric acoustic module



○ 33929
● 33935
○ 33938
● 33997

TOP CAP

Provided with the **WIRING BASE**
To be used when the **SOUNDER** acoustic module is not installed



NXT STY

Light module



● 33921
○ 33922
● 33923
○ 33924
● 33965
○ 33926

● 34001
○ 34002
● 34003
○ 34004
● 34002
○ 33926



33941 (one module)

NXT WIRING BASE NFC 24V

NFC
Wiring base



24V ACDC
○ 33908
● 33918
○ 33927
● 33996

* Configuration via **NFC** and **MySirena App** of luminous effects and/or color of the **RGB module** (if present) and/or **sound** (if the acoustic module is present)

NXT SOUNDER NFC*

NFC Piezoelectric acoustic module



○ 33929
● 33935
○ 33938
● 33997

TOP CAP

Provided with the **WIRING BASE**
To be used when the **SOUNDER** acoustic module is not installed



NXT PRO RGB

RGBW PRO multicolor light module



33947 + CUSTOM COLORS

NXT PRO WIRING BASE 24V

NFC PRO
Wiring base



24V ACDC
○ 33943
● 33944
○ 33946
● 33999

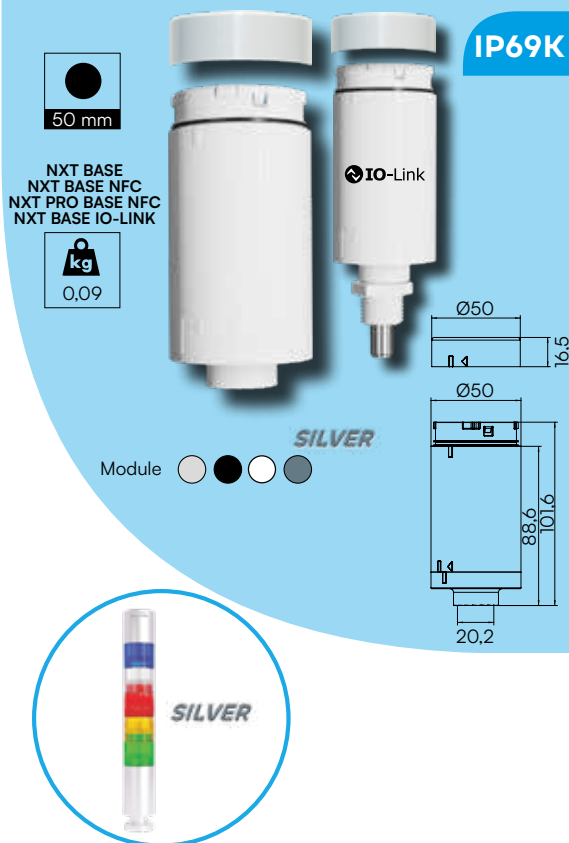
* Configuration via **NFC** and **MySirena App** of luminous effects and/or color of all **PRO RGB modules** and/or **sound** (if the acoustic module is present).

NXT BASE

NXT BASE NFC

NXT PRO BASE

NXT BASE IO-LINK



Wiring base necessary for **NXT** stack light installation:

- NPN/PNP versions **NXT WIRING BASE**;
- for configuration via NFC **NXT WIRING BASE NFC** and **NXT PRO WIRING BASE**;
- with IO-Link communication protocol **NXT WIRING BASE IO-Link**.

NXT WIRING BASE offers one common + 7 independent contacts allowing assembly of maximum 5 light modules + 1 acoustic module (2 channels for 12V and 24V versions - 1 channel for 110/240V version). It will be possible to install only one **NXT RGB** module (as this uses 4 channels); in addition, if required, a single-color module and/or acoustic module.

NXT BASE NFC and **NXT PRO WIRING BASE** enable the stack light configuration via **MySirena App**, selecting the luminous effect, the color (for **NXT RGB** and **NXT PRO RGB**) and the sound type (if the acoustic module is present). With **NXT PRO WIRING BASE** only **NXT PRO RGB** modules can be used (max. 5 modules + 1 acoustic module).

NXT BASE IO-Link uses the IO-Link communication protocol. IODD downloading will simplify setup, operation, and maintenance of the stack light.

All wiring bases are supplied with top cap when the acoustic module is not installed.

VOLTAGES

NXT WIRING BASE: 12V ACDC, 24V ACDC, 110/240V AC (AC: 50/60 Hz)

NXT WIRING BASE NFC: 24V ACDC (AC: 50/60 Hz)

NXT PRO WIRING BASE: 24V ACDC (AC: 50/60 Hz)

NXT BASE IO-Link: 24VDC

GENERAL FEATURES

Operating temperature: -40° +60°C

IP rating: IP66, IP69K

Impact resistance: IK08

Continuous operation

Insulation class II

MECHANICAL FEATURES

Self-extinguishing polycarbonate with high impact resistance (IK08), suitable for outdoor use thanks to the IP66-IP69K protection rating, guaranteed by the EPDM gasket on each module.

CERTIFICATIONS



RED-compliant devices

BASES

MODULES	NXT BASE 12V	NXT BASE 24V	NXT BASE 110/240V	NXT BASE 24V NFC	NXT BASE 24V PRO	NXT BASE IO-Link
NXT STY 12V	✓	✗	✗	✗	✗	✗
NXT FLA 12V	✓	✗	✗	✗	✗	✗
NXT STY	✗	✓	✓	✓	✗	✓
NXT FLA	✗	✓	✓	✗	✗	✓
NXT RGB STY	✗	✓	✓	✓	✗	✓
NXT PRO RGB	✗	✗	✗	✗	✓	✗
NXT SOUNDER	✓	✓	✓	✗	✗	✓
NXT SOUNDER NFC	✗	✗	✗	✓	✓	✗

The table shows the compatibility between the different bases and the luminous and acoustic modules.

NXT WIRING BASE

12V ACDC
24V ACDC
110/240V AC

○ 33900 ● 33910 ○ 33919 ● 33992
○ 33905 ● 33915 ○ 33920 ● 33993
○ 33907 ● 33917 ○ 33925 ● 33994

SILVER



NXT WIRING BASE NFC

24V ACDC

○ 33908 ● 33918 ○ 33927 ● 33996

SILVER



NXT PRO WIRING BASE

24V ACDC

○ 33943 ● 33944 ○ 33946 ● 33999

SILVER



NXT WIRING BASE IO-LINK

24V DC

○ 33939 ● 33940 ○ 33942 ● 33995

SILVER

NXT BASE

V DC	12	24	-	-	-	-
V AC	-	-	12	24	110	240
mA	0	0	0	0	3	5

NXT BASE NFC

V DC	24	-
V AC	-	24
mA	16	27

NXT PRO BASE

V DC	24	-
V AC	-	24
mA	22	25

MySirena App



NXT BASE IO-LINK

V DC	24
V AC	-
mA*	260

*Max. power consumption: 5 luminous modules + acoustic module

AUTOMAX

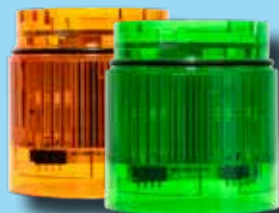
NXT STY NXT FLA



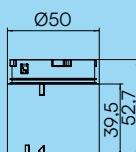
NXT STY
NXT FLA



Module      



IP69K



SIRENA

NXT RGB STY NXT PRO RGB



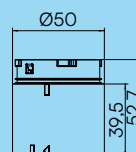
NXT RGB STY
NXT PRO RGB



RGBW LED        



IP69K



NXT STY	25
NXT FLA	30
NXT RGB STY	10
NXT PRO RGB	6

Light modules: steady light **NXT STY** or flashing light **NXT FLA**. Available in **allCOLOR** (colored lens with colored light source) or **allCLEAR** version (clear lens with colored light source). Multicolor light modules **NXT RGB STY** (steady light) or **NXT PRO RGB**.

GENERAL FEATURES

Operating temperature: -40° +60°C

IP rating: IP66, IP69K

Impact resistance: IK08

Continuous operation

Insulation class II

MECHANICAL FEATURES

Self-extinguishing polycarbonate with high impact resistance (IK08), suitable for outdoor use thanks to the IP66-IP69K protection rating, guaranteed by the EPDM gasket on each module.

OPTICAL FEATURES

NXT STY and **NXT FLA**: 6x very bright LEDs.

NXT STY: steady light* - **NXT FLA**: flashing light (FPM: 1F 1 Hz)

NXT RGB STY - **NXT PRO RGB**: 6x LED RGBW.

NXT RGB STY - steady light*

NXT PRO RGB: different light effects with **NXT PRO WIRING BASE** and **App MySirena**.

CERTIFICATIONS



RED-compliant device

PENDING

NXT STY 12V

12V ACDC

 33901

 33902

 33903

 33904

 33945

 33906

NXT FLA 12V

12V ACDC

 33911

 33912

 33913

 33914

 33955

 33916

NXT STY

allCOLOR

 33921

 33922

 33923

 33924

 33965

 33926

allCLEAR

 34001

 34002

 34003

 34004

 34002

 33926

NXT FLA

allCOLOR

 33931

 33932

 33933

 33934

 33975

 33936

allCLEAR

 34011

 34012

 34013

 34014

 34012

 33936

NXT RGB STY  33941



NXT PRO RGB

24V ACDC  33947

sirena.it

NXT STY

V DC	12	24	-	-	-	-
V AC	-	-	12	24	110	240
mA	36	18	49	25	12	4

NXT FLA

V DC	12	24	-	-	-	-
V AC	-	-	12	24	110	240
mA	43	20	55	20	17	10

NXT RGB STY

V DC	24	-	-	-
V AC	-	24	110	240
mA	16	19	10	4

NXT PRO RGB

V DC	24	-
V AC	-	24
mA	15	27

*different light effects only with **NXT WIRING BASE NFC** and **MySirena App**

AUTOMAX

SIRENA

NXT SOUNDER NXT SOUNDER LINEARE NXT SOUNDER NFC



NXT SOUNDER, NXT SOUNDER LINEARE and NXT SOUNDER NFC are the piezoelectric acoustic modules of the NXT stack light.

NXT SOUNDER: produces 3 intermittent sounds with 12V and 24V bases and 1 intermittent sound with 110/240V base.

NXT SOUNDER LINEARE: produces 3 sounds, one of which is continuous, with 12V and 24V base, and 1 continuous sound with 110/240V base.

NXT SOUNDER NFC: gestisce 3 suoni selezionabili tra i 12 disponibili nell'app MySirena.

GENERAL FEATURES

Operating temperature: -40° +60°C

IP rating: IP66, IP69K

Impact resistance: IK08

Continuous operation

Insulation class II

MECHANICAL FEATURES

Self-extinguishing polycarbonate with high impact resistance (IK08), suitable for outdoor use thanks to the IP66-IP69K protection rating, guaranteed by the EPDM gasket on each module.

ACOUSTIC FEATURES

NXT SOUNDER: Piezoelectric unit, producing 3 intermittent sounds (with 12V and 24V bases) - frequencies 2900/3050Hz | dB 87÷94 and 1 intermittent sound (with 110/240V base) - frequency 3050Hz | dB 91

NXT SOUNDER LINEARE: piezoelectric unit, producing 3 sounds, one of which is continuous (with 12V and 24V base) - frequencies 3050Hz | dB 94 and 1 continuous sound (with 110/240V base) - frequency 3050Hz | dB 91

NXT SOUNDER NFC: Piezoelectric unit, producing 3 sounds that can be selected from 12 available in MySirena App - mixed frequencies | dB 73÷92.

CERTIFICATIONS



RED-compliant devices

NXT SOUNDER NXT SOUNDER LINEARE

V DC	12	24	-	-	-	-
V AC	-	-	12	24	110	240
mA	17	27	30	49	14	10
dB(A)1m	85	91	88	94	91	91

NXT SOUNDER NFC

V DC	24	-
V AC	-	24
mA	10	17
dB(A)1m	90	92

NXT SOUNDER

○ 33928 ● 33930 ○ 33937 ● 33998

NXT SOUNDER LINEARE

○ 33948 ● 33949 ○ 33950 ● 33951

NXT SOUNDER NFC 24V ACDC

○ 33929 ● 33935 ○ 33938 ● 33997

NXT | PRE-ASSEMBLED STACK LIGHTS



NXT WM LT + 3LM GRE/AMB/RED + SOUNDER + BS

24V ACDC

○ 33990 ● ●



OTHER CONFIGURATIONS AVAILABLE ON REQUEST

sirena.it



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