

EXZS50NXB 3-Color LED Integrated Warning Light

User Manual

3 Colors in One Unit · 85dB Buzzer · DC24V · 180° Foldable Base

Product Model:
EXZS50NXB

Kemotronics Industrial Lighting
www.cnclight.com

1. PRODUCT OVERVIEW

The EXZS50NXB 3-Color LED Integrated Warning Light integrates red, yellow and green LED groups into one transparent PC shade together with a high-decibel buzzer, so a single compact unit provides both visual and audible machine status alarms. Each color is wired independently, allowing the lamp to display running (green), warning (yellow) and fault (red) status. The 180° foldable base allows flat or vertical mounting and makes storage and transport easy. Designed for CNC lathes, machine tools, automation equipment, packaging equipment and other industrial machinery. Rated DC24V.

2. TECHNICAL SPECIFICATIONS

Parameter	Value
Model	EXZS50NXB
Type	3-Color LED Integrated Warning Light
Light Source	LED, steady-on (always on)
Light Colors	Red / Yellow / Green (independent channels)
Power	1W per color
Rated Voltage	DC24V
Power Input	Non-polarized (+ / - interchangeable)
Buzzer	High-decibel, up to 85dB, 24V always-on sound + light
Size	50mm (lamp head diameter)
Base	180° foldable, 4 mounting holes
Lampshade	Environmentally friendly PC
Cable	5-core tinned pure copper
Ambient / Working Temp	-25°C to +50°C / -15°C to +40°C
Certification	CE
Warranty	1 year

Mounting screws are NOT included - please prepare screws suited to your mounting surface.

3. PACKAGE CONTENTS

1 x EXZS50NXB 3-Color LED Warning Light (with pre-attached power cable)

1 x User Manual

Note: Mounting screws are NOT included. Please prepare suitable screws according to your mounting surface.

4. INSTALLATION INSTRUCTIONS

Step 1: Verify that the supply voltage matches the rated voltage (DC24V) before installation.

Step 2: Choose a clean, flat, vibration-free surface, or fold the base 180° for flat or vertical mounting.

Step 3: Drill the mounting holes to match the 4 holes of the base, leaving an opening for the cable. (Screws are not supplied - use screws suited to your mounting surface.)

Step 4: Secure the lamp with screws through the 4 base holes. Tighten evenly.

Step 5: Connect the wires per the wiring table in Section 5, then power on and test each color and the buzzer.

5. WIRING DIAGRAM

Wire Color	Function
Red (R)	Red LED group control
Yellow (Y)	Yellow LED group control
Green (G)	Green LED group control
Orange (O)	Buzzer control
Black (BK)	Negative pole (-)
Positive (+)	Connect to DC24V positive

Note: The power input is non-polarized - the positive and negative poles can be connected either way. Each color group and the buzzer are driven independently through the multi-core cable, so one lamp can show red, yellow or green status and sound the alarm at the same time. The buzzer is the always-on type: it sounds together with the light once DC24V is applied. Wire colors follow the cable label; if your unit differs, follow the on-product label.

6. COLOR STATUS RECOMMENDATIONS

Green — Normal operation / Machine running

Yellow — Warning / Standby / Attention required

Red — Fault / Alarm / Emergency stop

7. MAINTENANCE AND CARE

Clean the PC lampshade periodically with a soft, dry cloth to maintain brightness.

Do NOT use abrasive cleaners, solvents, or high-pressure water.

Check the mounting screws and the foldable base periodically for tightness.

Inspect wiring connections every 6 months for corrosion or loosening.

Store in a cool, dry place when not in use.

8. SAFETY WARNINGS

- ❑ Disconnect power before installation or maintenance.
- ❑ Use only the rated voltage (DC24V). Incorrect voltage may damage the product.
- ❑ Do NOT disassemble or modify the product. No user-serviceable parts inside.
- ❑ Indoor/industrial use only. Do NOT use in explosive environments.
- ❑ Working temperature: -15°C to +40°C.
- ❑ Installation should be performed by a qualified electrician or technician.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	No power supply	Check power source and connections
	Incorrect wiring	Verify wiring per Section 5
	Wrong voltage	Use correct DC24V supply

One color not lighting	Loose connection	Tighten that color wire
	Faulty LED group	Contact seller for replacement
Light dim / flickering	Loose connection	Tighten all wiring connections
	Insufficient voltage	Check power supply output
Buzzer not sounding	Buzzer lead not connected	Connect the orange buzzer wire
	Signal not triggered	Check control signal wiring

10. WARRANTY POLICY

1-year warranty against manufacturing defects in materials and workmanship.

Covers: replacement or repair of defective units.

Does NOT cover: improper installation, incorrect voltage or power surges, normal wear, unauthorized repairs.

11. AFTER-SALES SERVICE

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