

LED handheld strobe Nova Strobe dbI



- Mains-independent thanks to battery operation
- 30 to 500,000 flashes per minute
- Internal phase delay
- External triggering and synchronization possible/trigger edge selectable
- Backlit, brilliant LCD display with many functions
- Up to 10 hours battery operation

<https://www.wachendorff-prozesstechnik.de/en/NOVSDLx>

Description

The LED stroboscope is used for speed and vibration measurement or for observing movement. Thanks to its handy design and low weight, even measurements in hard-to-reach places can be carried out easily. The flash frequency is set via a rotary knob or button input and shown on the display. The device also has a trigger input and a trigger output, enabling external triggering and synchronization. The supply voltage is provided by an internal rechargeable battery.

Product details

Display:	Digital backlit brilliant 6-digit LCD display.
Operation:	12 buttons on the viewing side, a clearly arranged and backlit LCD display and a rotary knob on the side enable quick and easy and simple operation.
Dynamic rotary knob:	The knob with an incremental rotary encoder adjusts the flash frequency.
Stroboscope frequency range:	30 min to 500,000 min (0.5 to 8,333.33 Hz). Flash frequency resolution: 0.01 FPM. Accuracy: 0.004 % of the setting or +/- last digit. Frequency setting via rotary knob, keypad or external trigger signal
Speedometer:	Speed display with external triggering: 0 to 500,000 rpm. Accuracy: +/-0.001 % of the display or +/- last digit.
Flash duration:	Adjustable up to 14 degrees/3,000 µs max.
Memory:	Last frequency is saved. An additional 6 different frequencies can be stored.
Lightning energy:	typ. 3,000 LUX at a flash frequency of 6,000 flashes per minute. Color temperature of 6,300 °K.
Operating time:	Battery capacity 8 to 10 hours at 1,800 min.
Power supply:	6 VDC via internal, rechargeable NiMH battery.

Trigger output:	Enables synchronization with other devices. Connection via 2-pin, 3.5 mm jack plug. The output is TTL-compatible and corresponds to the flash frequency of the stroboscope. Trigger edge selectable (rising or falling edge).
Trigger input:	Enables external triggering of the stroboscope. Connection via a 3-pin, 3.5 mm jack plug. The input is TTL-compatible (24 volts max.). Minimum trigger pulse width: 500 ns. The internal oscillator and the rotary knob for frequency setting are deactivated as long as a jack plug is plugged in.
Manufacturer:	Monarch Instrument, USA

Products Order no.

NOVSDL0	LED stroboscope dbI (with power supply unit)
NOVSDLK	LED stroboscope dbI kit (with power supply unit and plastic case)

Accessories Order no.

NOVASPC1	Splash protection cover
NOVGSCH0	Rubber protection for stroboscope
NOVSNET0	Universal charger for stroboscope/ PALMSTROBE
NODXBAT	Spare battery



Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

