

HIGH-SPEED PHOTO-SYSTEME

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MINISTROBOKIN



General Description

The MINISTROBOKIN serves to operate NANOLITE flash lamps of the KL-Types and is designed as a basic unit for external triggering of flashing rates up to 20 KHz.

The basic MINISTROBOKIN unit can be extended by optional plug-in units for the trigger and control of:

1. Pulse repetition rates 10 Hz - 20 KHz (10 KHz – Standard, 20 KHz on request) digitally adjustable 1 s - 50 μ s
2. Digitally adjustable pulse burst lengths 50 μ s - 1 s
3. Digitally adjustable predelay time 10 μ s - 1 s before start of the flash burst.

1. Dimensions

Width: 460mm
Height: 150mm
Depth: 350mm

Weight: 8 Kg

2. Technical Data

Line Voltage 220 V 50 Hz resp. 110 V 60 Hz

Triggering

- a) Ext. by pos. pulse 5 V rise time $\leq 1\mu\text{s}$
- b) Ext. by close contact
- c) Int. by pulse generator 5-50 Hz

Output

for NANOLITE KL-Type flash lamps.

Flash frequency

- a) Continuous operation max 50 Hz
- b) Repetition rate up to 20 KHz (**optional** - short flash serie), standard 10kHz.

Monitor

- a) Trigger Power Amplifier (TPA): High Voltage Pulse ratio 1 : 10.000
- b) MODE SELECTOR : 12 V peak