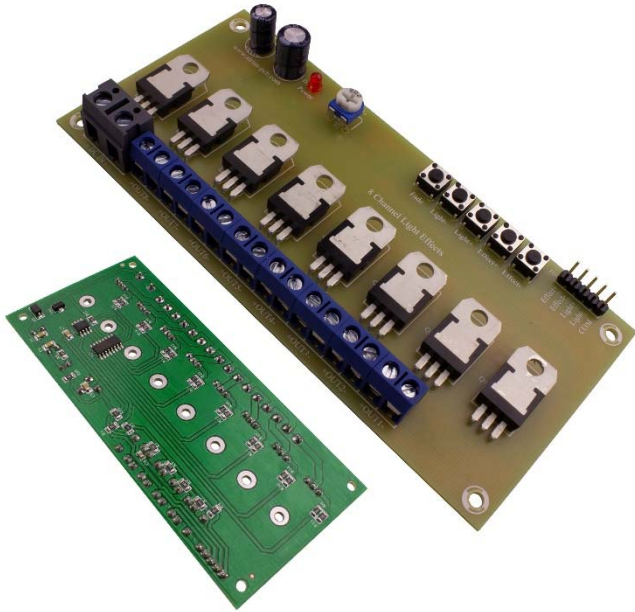## Light Effect 8ch
№100847

The device is based on contemporary microcontroller and is an 8-channel device for light effects.

It is applicable for advertising signs, party lighting, nightclubs and etc.

Light Effect 8ch features
- 18 light effects
- Output fade off option
- Cyclic mode
- Pin header for external connection of buttons
- Trimmer for adjusting the speed of effects
- All selected settings are stored in device's non-volatile memory
- LED indication for power supply
- 8 channels
- Current rating per channel (wih heatsink): 4A
  Supply Voltage: from 8V up to 24V
  Size: 128mm x 60mm
- Suitable aluminum heatsink EV5 29mmx11.5mm with length 120mm.

Warning!!!
Insulation sleeve and insulation sheet for **TO220** must be used when extra heatsink is mounted to the device!!!

Description
- 8-channel device for light effects
- current rating per channel
  - **without heatsink 1A**
  - **with heatsink 4A**
- trimmer **P1** – for adjusting light effects' speed
- to terminal **J9** – DC stable voltage from **8V÷24V DC**
- terminals from **J1÷J8** – light fittings are turned on (for e.g. single colour **LED strip** or **12V lamp**)
- to terminal J10 – external buttons can be connected

Signalling
- red LED **D2 (PWR)** – power supply is on

Programming (with short press button):
- button **S1 (Fade)** – activates/deactivates the option to turn off light by reducing brightness
- button **S2 (Light-)** – reduces brightness with 8%
- button **S2 (Light+)** – increases brightness with 8%
- button **S4 S2 (Effect-)** – switches to previous effect
- button **S5 S2 (Effect+)** – switches to next effect

Effects:
- from **1st** to **17th** position are for single effects
- **18th** position is for cyclic mode which changes the effect every 5 seconds

Example of Device Wiring Diagram with LED strip

Rev: 1.00