

USER GUIDE



proximitydimmer

“INVISIBLE DIMMER” LED CONTROLLER

proximityDimmer is professional LED controller based on patented technology of captive sensing with dynamic calibration, which allows to control (switch ON/OFF, dim or use “going out” future) LED light through any non-conductive surface (e.g. wood, glass, stone, etc.) being completely invisible for user.

	Important: Before starting the installation, make sure the power is off and you read the following instructions carefully.
	Connect only in accordance with the diagram presented in the manual. Improper connections may be dangerous.
	Do not connect the device to loads exceeding recommended values.

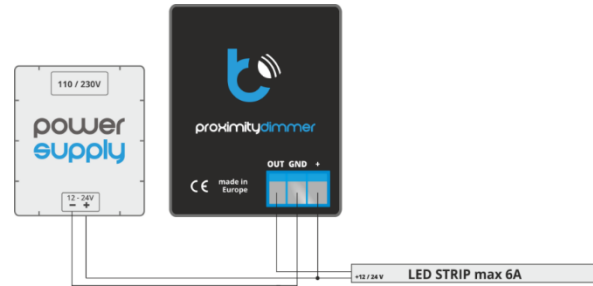
INSTALLATION

1. Make sure that the power supply and LED light source meets the electrical and environmental requirements and your knowledge is enough to

install the device by yourself.

USAGE

2. Remove an insulation from the wires and connect them according to the below diagram.



3. The device is provided with two strips of highly adhesive tape on the rear side. Before fixing it to the surface, please clean and dry it. Remove protection film and after positioning it correctly press it to the surface and hold for a few seconds. Due the fact that the tape is very strong it's not possible to easily change the device position, so do it carefully.
4. After ensuring that everything is connected correctly, switch on the power supply.
5. When switching the power source on, please don't place your hands, body or any conductive objects near device, because it'll influence initial calibration process and it will not work correctly. If it doesn't happen, just switch off the power, wait 10 seconds and switch it on again.

- Approach without touching - “temporary mode” – switch on the light for a low power and short time, will switch off automatically after period of time;
- Short touch – switch on / off;
- Long touch / hold – adjust brightness.

TECHNICAL SPECIFICATIONS proxidimmer			
electrical parameters			
supply voltage	12 – 24 V DC	maximum power	120W
maximum current	5A	Energy consumption	< 0,1W
physical characteristics of the device			
sensor	proximity, capacitive sensor	degree of protection	IP20
calibration	automatic	mounting method	under the surface of non-conductive, adhesive tape
dimensions	50 x 40 x 19 mm	Operating temperature range	From -10 to +40°C
housing	made of polyurethane composition not containing halogens, Self-extinguishing for Thermal class B (130 °C)		

For more information and technical support contact your Blebox.eu dealer, visit the www.blebox.eu website or send us an e-mail: info@blebox.eu



Proudly made by:
Blebox sp. z o.o.
Kunickiego 65 Street,
54-616 Wrocław, Poland
www.blebox.eu