



PRODUCT OFFER



ampBox is a professional, four-channel LED amplifier, designed to work in traditional and smart low-voltage LED systems

it allows to attach significant load to the LED controllers

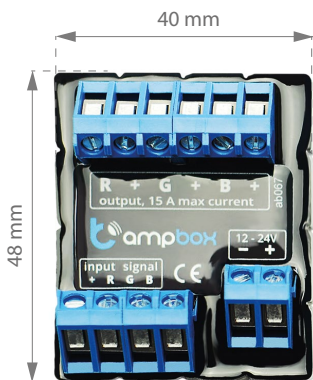
it provides safety through separation (galvanic separation) of the input and output potentials

designed to use everywhere where there is a need to make add-ons, including:

thanks to the use of the optoelectronic separation, in case of a damage (e.g. overvoltage, improper connection, power supply failure, etc.) of one of the sections, the remaining part of the installation is not getting damaged

- LED /RGBW LED load;
- resistive load (e.g. bulbs powered by voltage DC 12-24V with more power than provided by the controller, LED dimmer, RGBW controller, etc.);
- high power LED lighting, e.g. for cars or specialistic

it has an input signal correction system



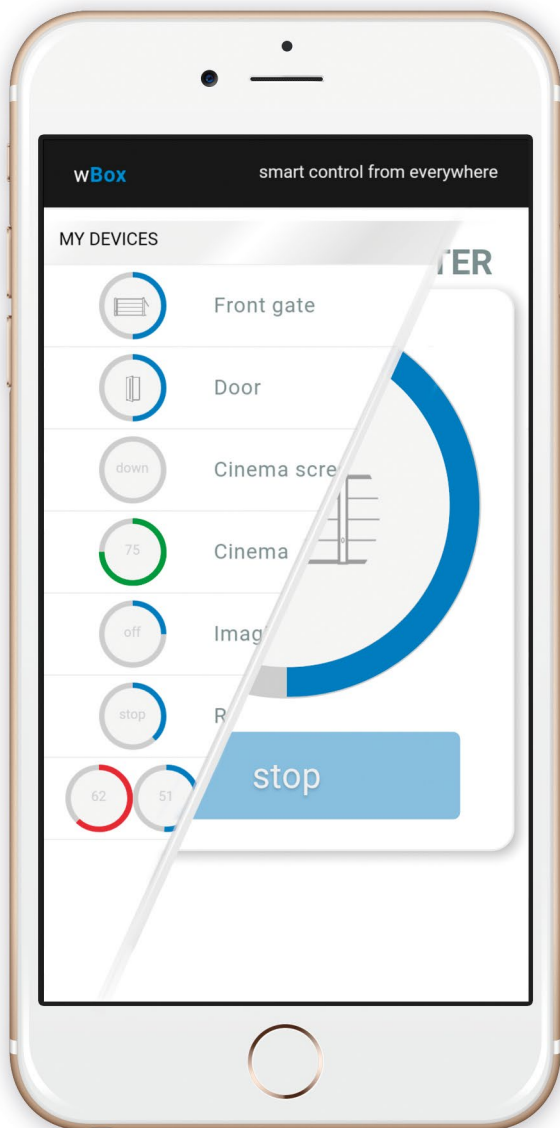
INCREASE THE POWER OF YOUR LED LIGHTING IN A SIMPLE WAY

TECHNICAL SPECIFICATIONS

electrical parameters					
supply voltage	▶	12 – 24V DC	number of channels	▶	4
maximum current	▶	20 A	maximum power	▶	480 W
maximum current / channel	▶	5 A	energy consumption	▶	< 0,1 W
physical characteristics of the device					
dimensions	▶	48 x 40 x 19 mm	degree of protection	▶	IP20
housing	▶	non-flammable resin which dissipates heat	connection method	▶	screw terminal block connector
mounting method	▶	in electrical back box, in the lightning fixture housing	operating temperature range	▶	from -10 to + 40°C
input signal	▶	PMW common VCC or GND	output signal	▶	PMW common VCC
galvanic separation	▶	yes - optical	power IC	▶	internal rectifiers n-type metal oxide semiconductor field effect transistor
correction signal	▶	yes - digital			



- simplicity and scalability



Smart homes were from the beginning associated with expensive and complicated installations. Over the past five years, cheaper and less complicated solutions have appeared on the market. However, they have some disadvantages. To work they require a central unit, which is an intermediary device which makes possible the communication between the user (and more specifically the Smartphone or Tablet) and the controller. That device is far more expensive than the individual elements of the system and susceptible to failure. Such damage would cause the paralysis of the entire smart building.

wBox is an unique global solution. To operate, WBox devices **do not need additional equipment** such as Central Unit or hub. Just a simple WiFi network is enough. After connecting the device with your home network, it can be controlled from any place in the World. Without complicated configuration. You can start from one "cube" lamp or roller shutter controller and then extend **your own smart home** adding another one – according to your needs.

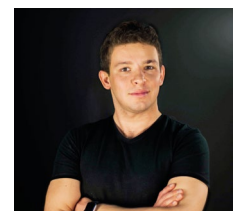
It is a solution created by **a team of inventors and engineers, authors awarded with "The Polish Invention of the year 2014"** and the **Innovators WPROST 2016 award**. They were also nominated to the **"Top Innovators under 35" award**, who up to the present have created over 30 innovative products and services.

Designed and produced entirely in Europe.

PATRYK ARŁAMOWSKI

founder of blebox.eu

CEO & founder of blebox.eu



blebox.eu

Blebox.eu is a brand of high-quality products related to home automation. Created in 2013 by authors of the "Polish Invention of the year 2014" and 30 other technological and product innovations. Within 3 years it has evolved from a local start-up to an international company which provides innovative products to more than 20 countries of the world, including China.

Our products are completely designed (we have our own research laboratories) and produced in the European Union, in particular in Poland and Germany. We take the issues of quality and reliability very seriously. That's why we give on our products a 5 year warranty, creating a brand based on trust.

In 2016 Blebox.eu was awarded with the crystal statuette Innovators 2016 granted by the editors of Wprost, the Ministry of Science and Higher Education and the Ministry of Development, for the most innovative company in Poland.

We invite installers, shops and wholesalers to cooperate with us. For a constant cooperation we offer attractive discounts and the possibility to customize own requirements and creating new solutions.



MORE INFORMATION:



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