

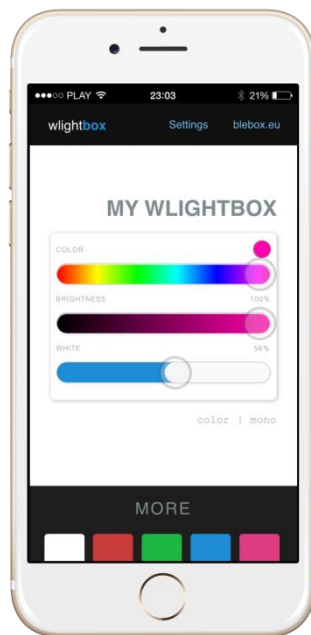


proudly presents

World's First μ WiFi RGBW LED Controller

wlightbox

designed and manufactured in Europe



CUTTING EDGE TECHNOLOGY LED CONTROLLER

WITHOUT ANY COMPROMISES

wLightBox - RGBW LED controller based on **μWiFi** (micro-WiFi) communication technology, which combines advantages both of Bluetooth 4.1 Low Energy and WiFi.

wLightBox enables user to control wirelessly RGBW, RGB or up to 4 single color channels of LED light using not only smartphones and tablets but also laptops, personal computer and any other smart web devices.

We can say proudly, that now it's the most cutting edge technology LED product. Do you want to know why?



TECHNOLOGY INSIDE

μWiFi – THE FUTURE OF INTERNET OF THINGS

There are several ways how the devices communicate together. There is more than 30 different WiFi and Bluetooth LED controllers available on the market. One of them was **LightBox**, the world's smallest LED RGB controller which we introduced to the market last year.

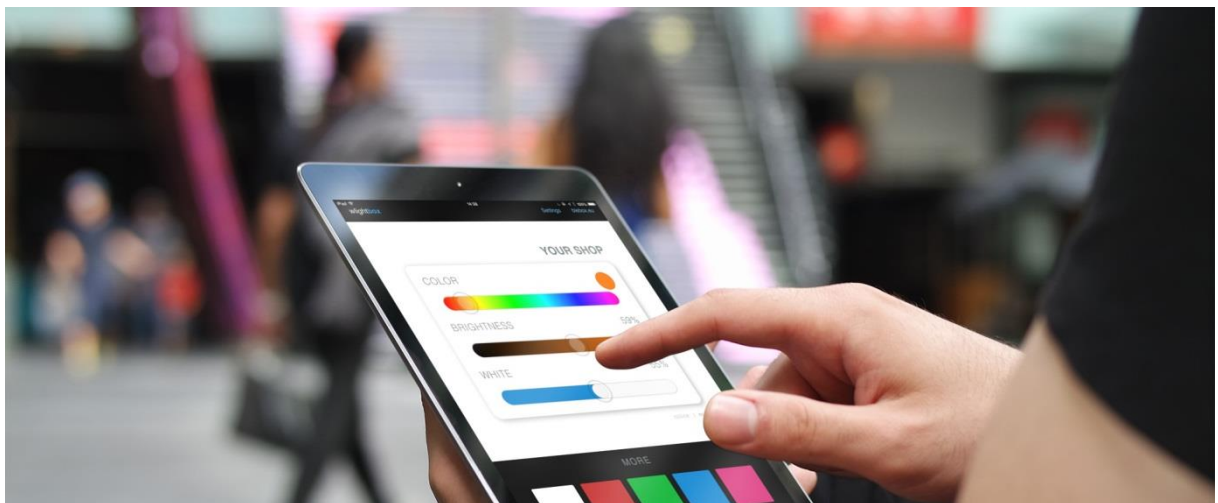
Bluetooth devices can be directly controlled from the smartphone or tablet. **WiFi** can be a part of the home network and sometimes can be controlled from the Internet.

As the **Research and Development** company specialized in communication, we had created a new technology which combines the advantages of both. Micro WiFi - **μWiFi** – is an technology communication designed especially for little, independent electronic devices, like the LED, shutters or electric sockets controllers which are the part of the **Internet of Things**.

To imagine how powerful technology it's, let's say that you can take your wLightBox and:

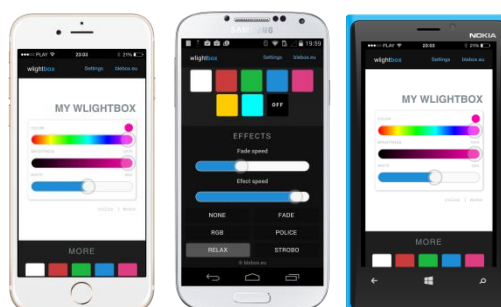
- Put it **in your car** and control it directly with your smartphone (*and win a tuning competition, like one of our customers did*);
- Install it **in your home or office** and control it not only from your smartphone, tablet or any computer in your house but also from anywhere, through Internet;
- Convince the mayor of your city to put it's as a **part of the city decoration**, and just by connecting it to the city Internet, control all of the devices together or separately.

No, we're not kidding. It's the world's most scalable and flexible solution. You can use it not only in your home but also to create wonderful atmosphere which will attract your customers in a shop, restaurant, dental or beauty clinic. Because people loves colors and light.



COMPATIBILITY

Majority of devices available on the market works with Apple iPhone, some of them also with Android. We don't know any which works with Windows Phone. And wLightBox can be controlled not only from smartphones and tablets, but also form any computer running Windows, OS X or Linux. Due the open API it's also possible to integrate it as a part of home automation or professional lighting control system. Your imagination is the limit.



HIGH QUALITY COMPONENTS

You can listen a music using \$1 headphones from China or you can use a Beats by Dre Pro best quality headphones. We love second option.

wLightBox has independent 10 bit, 4 channel controller inside. We use the top quality components from International Rectifier, Microchip and Allegro MicroSystems, **the best American semiconductor companies**. They are many cheaper alternatives but **we care about the quality**.



Because quality is your satisfaction, safety of your family and our good sleep, because we know that you'd not bring it back to us.

UNIQUE CONSTRUCTION

The way how we make our products is quite unique. Sometimes our customers ask "why it's so ragged?". Yes, our products are not the most beautiful (from outside). But **there is a reason**.



Blebox product's electronic components are not just inserted inside a case. They are completely potted in special, **inflammable resin**, which has at least three main roles. **It protects device from** moisture, dirt, vibrations, impacts and many other environment factors which can reduces product life. Also it provides **excellent heat dissipation** (any power controller is generating heat), so we can safely switch higher loads (you can connect more LED lights to one device, even it's so small). Third reason – due the fact that it's completely inflammable it also **provides additional protection for you**.

Even if something bad happens, every protection component (and there are several inside the device) fails it will just stop working – newer causing a fire. Do you think that it doesn't happen? Google for burned LED controllers. The way how we produce the devices is covered by several patent claims.

EXPANSION PORT

We're inventors. Last year we created more than 10 new LED dedicated solutions and devices. And we never know what will be next. So we create a way, to bring new functions to your wLightBox. It has special expansion port, which you'll be able to use to connect additional modules (e.g. for integration with other solutions, add glass touch button, motion sensor, etc. or also to update all internal software which will allow you to keep this product up-to-date for many years. Because we – as customers - don't like when we have to buy new device when the old one is still good, just because software is not up to date.

GAMMA CORRECTION ALGORITHM

Or more technically speaking CIELAB color space optimization. A lot of magic (or mathematic) which makes color perception much better. And that's a first "not dedicated for professionals" LED RGB controller which implements it. Google for a video explaining it!



EUROPEAN QUALITY

We believe that quality matters. All our products are designed and produced in Europe, none in Asia. Take a look at controller from China. Where is the manufacturer logo? We're proud of our products, they are not? Maybe because it'll be easier to google for negative comments?



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PRODUCT PARAMETERS

High quality RGBW LED controller for use with smartphones, tablets and computers.

- **Voltage:** 12 - 24V DC
- **Independent channels:** 4
- **Maximum current:** 12A, 3 A per channel
- **Dimming method:** 10 bit PWM
- **Operating temperature:** 0 - 40°C
- **Dimensions:** 47x 40 x 9 mm (18 mm with connector)
- **Connection technology:** µWiFi, 2.4 GHz, compatible with WiFi
- **Range:** 50 m in open space with smartphone or 100 m with popular access point, up to 250 m with professional device. May be limited in buildings.
- **Interface:** web based, compatible with Apple, Android, Windows Phone, Microsoft Windows, Linux, OSX
- **Expansion port:** 8 pin 2,54 mm connector

WE'RE RESEARCH AND DEVELOPMENT COMPANY

That's the reason why our products are unique. All of them has been invented and developed in our laboratory, by our team. We are specialized in field of **electronic devices, telecommunication and medical appliances**. And we're just good in it. Projects carried out by the company include, among others, a smart wheelchair (we'd received "Innovation of the Year" award for it!), compact, wireless, low energy sensors for embedded solutions or manufacturing technology which enables the production of extremely durable electronic devices.

Blebox.eu is a brand of high quality devices based on cutting edge technology. We believe that you'll love it as we do.

Do you already know blebox.eu family?



CONTACT DETAILS

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COMPANY DETAILS

BleBox is a member of the Arlamowski Investment Company,

Kunickiego 63 Street, 54-616 Wrocław, Poland, Europe

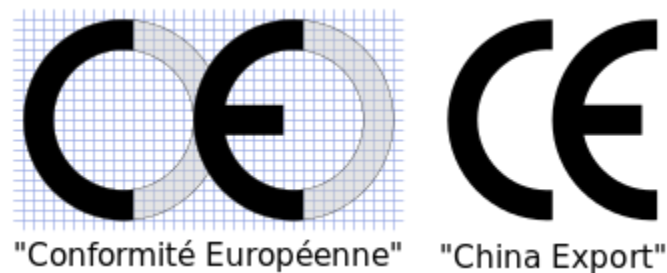
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COOPERATION

You can ask **why you should cooperate with us**. There are many “electronics” companies, especially in China. A lot of them offer *cheaper* products. Some of them have better marketing. And some of them can promise you everything to make you to place and order. We’re a bit different.

Do you also consider quality as the key to the success?

LightBox and the rest of BleBox.eu devices are **designed and manufactured in Europe**, under top quality standards. We’re not a “copycat” company. **We’re straightly focused on R&D**. All products which we offer are **designed by our team**, tested to comply with quality standards of **Conformité Européenne** and manufactured in European Union. It makes them not only unique, because we made them extremely difficult to copy by some imitators (you’ll discover why, when you receive one) but also durable and working as expected. Of course, it’s cheaper just to print “China Export” logo, which looks like “CE” quality mark. But for us there are no compromises in understanding word **quality**.



European law enforces us to provide at least 2 years of warranty. We offer **five years of full warranty**, and if there’ll be any problems with our devices, we’ll immediately **replace it** with a new one.

“SOMEBODY OFFERS IT CHEAPER”

Yes and no. We only offer our **own products**. Somebody can offer similar or imitated products. We invest a lot of time and money in **research and development**; we take our products through depth **testing and certification** (not just put “CE” mark on label) to ensure that they are as good as possible. We pay taxes (you’ll realize it when you receive a real invoice, not a “samples / gift invoice for \$15” which can cause a lot of problems with customs office) and social insurance for our employees. We don’t hire kids.

You can ask “who cares, price matters, profit is most important”. But consider bad quality products impact on reputation of your company. Losing customers are as easy as losing reputation.

Blebox.eu - because quality matters.