

# WonderBar



**user manual**

Item-No.: 1005



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# Safety Instructions

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Should you notice any damages on the A/C connection cable or on the casing, do not take the device into operation and immediately consult your local dealer.

This device falls under protection-class III. The power plug must only be plugged into a protection class III outlet. The voltage and frequency must exactly be the same as stated on the device. Wrong voltages or power outlets can lead to the destruction of the device and to mortal electrical shock.

Always plug in the power plug last. The power plug must always be inserted without force. Make sure that the plug is tightly connected with the outlet.

Never let the power-cord come into contact with other cables! Handle the power-cord and all connections.

Never modify, bend, strain mechanically, put pressure on, pull or heat up the power cord. Never operate next to sources of heat or cold. Disregard can lead to power cord damages, fire or mortal electrical shock.

The cable insert or the female part in the device must never be strained. There must always be sufficient cable to the device. Otherwise, the cable may be damaged which may lead to mortal damage.

Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.

If extension cords are used, make sure that the core diameter is sufficient for the required power consumption of the device. All warnings concerning the power cords are also valid for possible extension cords.

# Safety Instructions / Operating Determinations

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord. Otherwise, the cable or plug can be damaged leading to mortal electrical shock. If the power plug or the power switch is not accessible, the device must be disconnected via the mains.

If the power plug or the device is dusty, the device must be taken out of operation, disconnected and then be cleaned with a dry cloth. Dust can reduce the insulation which may lead to mortal electrical shock. More severe dirt in and at the device should only be removed by a specialist.

There must never be any objects entering into the device. This is especially valid for metal parts. If any metal parts like staples or coarse metal chips enter into the device, the device must be taken out of operation and disconnected immediately. Malfunction or short-circuits caused by metal parts may cause mortal injuries.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)!

Keep away children and amateurs!

## OPERATING DETERMINATIONS

This device is designed for professional use, e.g. on stages, in discotheques, theatres etc.

Lighting effects are not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.

Do not shake the device. Avoid brute force when installing or operating the device.

When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!

This device must never be operated or stockpiled in surroundings where splash water, rain, moisture or fog may harm the device. Moisture or very high humidity can reduce the insulation and lead to mortal electrical shocks. When using smoke machines, make sure that the device is never exposed to the direct smoke jet and is installed in a distance of 0.5 meters between smoke machine and device. The room must only be saturated with an amount of smoke that the visibility will always be more than 10 meters. The ambient temperature must always be between -5° C and +45° C. Keep away from direct insulation (particularly in cars) and heaters.

Never use the device during thunderstorms. Over voltage could destroy the device. Always disconnect the device during thunderstorms.

## Installation / Disposal

The device can be installed on the ground or on the wall or ceiling. Please consider the EN 60598-2-17 and the respective national standards during the Installation! The installation must only be carried out by an authorized dealer!

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE**, including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property. Before rigging make sure that the installation area can hold a minimum point load of 10 times the projector's Weight.

Mount the projector with the mounting-bracket to your trussing system using an appropriate clamp.

For overhead use, always install an appropriate safety bond.

You must only use safety bonds complying with DIN 56927, quick links complying with DIN 56926, shackles complying with DIN EN 1677-1 and BGV C1 carabines. The safety bonds, quick links, shackles and the carabines must be sufficiently dimensioned and used correctly in accordance with the latest industrial safety regulations (e. g. BGV C1, BGI 810-3).

## DISPOSAL

If the device is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment. Never throw exhausted batteries or defective rechargeable batteries into the household rubbish: Always take them to a special waste disposal (e. g. collecting container at your retailer).

## CONFORMITIES

### EU conformity declaration

- Item: 10000005  
Prost Lighting  
WonderBar  
RGBWAUV LED STAGE LIGHT



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### EU conformity declaration

For the following product:

Item: 10000005  
Prost Lighting  
WonderBar  
RGBWAUV LED STAGE LIGHT

Hereby we explain that this product is corresponding with the regulations, especially with the protection requirements, which are defined in the EU Directive about the electromagnetic compatibility (2004/108/EC) as well as the EU low-voltage directive (2006/95/EC).

For evaluation of the product in regard to the EU Directive about the electromagnetic compatibility and the compliance of the low voltage directive, the following harmonized European Standards were used. The citations of them are published in the Official Journal of the European Union:

Certification realized on 20.10.2017

EN55103-1:2009/A1:2012; EN61000-3-2:2014; EN61000-3-3:2013; EN55103-2:2009  
and  
EN60598-1:2008+A11:2009; EN60598-2-17:1989+A2:1991; EN61347-2-13:2006; EN61347-  
1:2008+A1:2011+A2:2013; EN62031:2008+A1:2013; EN62471:2008



Company:

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Signee:

Position in the company:

Unternehmen

Anschrift

Telefon / Fax

Unterzeichner

Position

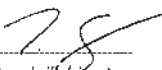
Juflo GmbH

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Julius Schrenk

CEO, Geschäftsführer

  
Unterschrift/signature

# Tech Specification

Model No:	Item No.: 1005 WonderBar
Voltage Input:	100-240V AC, 50/60Hz
LED Type:	9 x 18W RGBWAUV
Beam Angle:	25 °
Optical Lens Size:	29mm
Protocol:	DMX-512
DMX Channel Mode:	3/6/8/11 CH
Control Mode:	DMX-512, Standalone, Master/slave
Dimmer Mode:	4 Smooth Dimming Curves
PWM Dimming:	16bit PWM Dimming at 5200HZ
Body Material:	Aluminum Die-casting
Waterproof Grade:	NON-IP VERSION
Product Size	570 x 160 x 90 mm
Net Weight.:	3 kgs

# Infrared Remote Control

Note: Make sure to point the IRC Remote directly at the receiver on the product.



## Address Mode

Address Mode will enable you to set up the new DMX Address.

To set up a new DMX Address:

1. Press **DMX-addr.** on the IR Remote.
2. Press + or - to increase or decrease the DMX Address value

## Sound-Active Mode

Sound-Active Mode will enable the product to respond to the music.

To turn on Sound-Active mode:

1. Press **MIC** on the IR Remote
2. Press + or - to increase or decrease sound sensitivity

Note: To get back from IR- to DMX Mode you have to press the **DMX-addr.** Button



1. Extended Mode

11 Channel	Ch1	000-255	Master Dimmer
	Ch2	000-255	Red
	Ch3	000-255	Green
	Ch4	000-255	Blue
	Ch5	000-255	Amber
	Ch6	000-255	White
	Ch7	000-255	UV
	Ch8	000-255	Strobe
	Ch9	000-015 016-095 096-175 176-255	None Auto Mode Fade Mode Sound Active
	Ch10	0 255	Speed for Ch9
	Ch11	000-005 006-065 066-125 126-185 186-255	Menu Default Linear Dimmer Mode Curve Dimmer Mode Theatre Dimmer Mode Studio Dimmer Mode

2. Standard Mode

8 Channel	Ch1	000-255	Master Dimmer
	Ch2	000-255	Red
	Ch3	000-255	Green
	Ch4	000-255	Blue
	Ch5	000-255	Amber
	Ch6	000-255	White
	Ch7	000-255	UV
	Ch8	000-255	Strobe

3. Color Mode

6 Channel	Ch1	000-255	Red
	Ch2	000-255	Green
	Ch3	000-255	Blue
	Ch4	000-255	Amber
	Ch5	000-255	White
	Ch6	000-255	UV

3. Minimalistic Mode

3 Channel	Ch1	000-255	Hue
	Ch2	000-255	Saturation
	Ch3	000-255	Value

# Mode Explanation

## Automatic Mode

Automatic Mode will enable you to run the automatic programs on the products

To turn on Automatic mode:

1. Press **Auto** on the IRC Remote
2. Press **+** or **-** to increase or decrease the speed of the program

## Fade Mode

Fade Mode will enable you to run the automatic programs under Fade Mode.

To turn on Fade mode:

1. Press **Fade** on the IRC Remote
2. Press **+** or **-** to increase or decrease the Fade speed of the program

## Manual Color Mixing Mode

To manually control the RGBAW+UV Color Mixing:

1. Press **R, G, B, A, W,** or **UV** to make color mixing.  
*Note: To use the amber, white, or UV color options, the fixture must be capable of outstanding that corresponding color light.*
2. Press **+** or **-** to increase or decrease the value of each color

## Color Mode

Color Mode will enable you to choose 10 colors built-in.

1. Press any number between **0** and **9** to choose your color
2. **0** is for red,  
**1** is for green,  
**2** is for blue,  
**3** is for amber,  
**4** is for white,  
**5** is for ultraviolet,  
**6** is for yellow,  
**7** is for purple,  
**8** is for grass green  
**9** is for light coral

## Strobe Mode

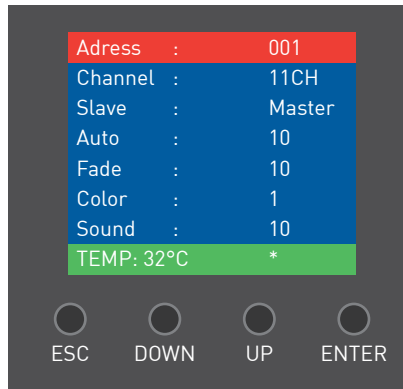
Strobe Mode will enable you to adjust the strobe rate of the color you choose.

To turn on Strobe mode:

1. Press **Strobe** on the IRC Remote
2. Press **+** or **-** to increase or decrease the Strobe Rate
3. Choose a color by Manual Color Mixing Mode

# Control Panel / Buttons

## The Control Panel



**ESC** Is used to navigate to the previous higher-level menu item.

**Down** Scrolls through the menu items and numbers in descending order.

**UP** Scrolls through the menu items and numbers in ascending order.

**ENTER** Is used to select and confirm/store the current selection.

# Menu Structure

<b>Address : 001-512</b>	Address Setting
<b>Channel : 11</b>	4 Channel Modes of 3 / 6 / 8 / 11
<b>Slave : Master / Slave</b>	Slave/Master
<b>Auto : 10</b>	Auto Chase Speed from 1 to 15
<b>Fade : 10</b>	Auto Fade Speed from 1 to 15
<b>Color : 1</b>	Preset Colors from 1 to 32
<b>Sound : 10</b>	Sound Active Sensitivity from 1 to 10
<b>Red : 000</b>	Red Dimmer from 000 to 255
<b>Green : 000</b>	Green Dimmer from 000 to 255
<b>Blue : 000</b>	Blue Dimmer from 000 to 255
<b>Amber : 000</b>	Amber Dimmer from 000 to 255
<b>White : 000</b>	White Dimmer from 000 to 255
<b>UV : 000</b>	UV Dimmer from 000 to 255
<b>Strobe : 0</b>	Strobe from 0 to 15
<b>Dimmer : 2</b>	4 Dimming Curves of 1 / 2 / 3 / 4
<b>Screen : ON / 30"s</b>	Screen Protection UnCode: <b>"Esc"</b> or <b>"down", "up", "down", "up", "enter"</b>
<b>Infrared : Enable / Disable</b>	Infrared Remote Control
<b>TEMP: 36°C *</b>	Temperature / DMX Signal

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