

ignition

Manual



Pico 2 Wireless

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1. Safety instructions



- For vertical operation, the equipment complies with IP63 standard.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Make sure to unplug the power supply before opening the housing.

1.1. For safe and efficient operation

Be careful with heat and extreme temperature!

Avoid exposing it to direct rays of the sun or near a heating appliance.
Not put it in a temperature bellow 32°F /0°C, or exceeding 104°F /40°C.

To avoid placing on un-stable location!

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning!

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately!

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable!

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

IMPORTANT!

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. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Designated use

Every 3 weeks should be a regeneration charging to take place to avoid damaging the battery.

Regular breaks during operation increase the lifetime of your device.

Avoid convulsions or any form of forceful impact during the installation or the start-up of the device.

If you use fog devices the device has not be exposed to a direct smoke jet. There has to be a safety distance of at least 0,5m between this device and the fog machine. Make sure that the saturation of the fog has to enable a visibility of at least 10m.

Fire hazard!!

Make sure when installing the projector, that there are no flammable materials within a distance of at least 0,2 m.

Operate the device not during thunderstorms. Surge voltages could destroy the device. Unplug the power supply during thunderstorms.

Surrounding objects or surfaces should not be in contact with the device.

Make sure that during the installation and removal of the device the area below the place of installation is basically cordoned off. This also applies to implementation of service.

The device has basically been protected by a suitable safety.

Make familiar yourself with the functions of the device before start-up. People without the experience should not handle with the device. The most cause of functional disorder is inappropriate handling.

Do not use chemicals or volatile liquids for cleaning. Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

For transport use the original packing or designated accessory to avoid damages during the transport.

For reasons of safety unauthorized changes are forbidden.

A usage of the device which differs from usages which are described in this manual can cause damages of the device. In that case the warranty expires. Additional you should notice that every differed usage is related with dangers and can cause e.g. an electrical short, fire, electric shock or crash.

2.1. Overhead installation



Danger of life!

You have to observe the regulations of BGV C1 (formerly VBG 70) and EN60598-2-17 Installations are to carry out by skilled personnel only.

The suspension devices have to be build and measured so they can withstand for an hour the tenfold of the payload without suffering a permanent detrimental deformation.

Basically installation has to be made by using a second separate suspension. This can be e.g. a suitable net. The second suspension must be designed and attached so no part of the installation can fall down in case of failure.

During construction, reconstruction and deconstruction unnecessary stay in the range of moving areas, on lightning bridges, under elevated work stations or any other danger zones is forbidden.

The operator is obliged to following safety-related and mechanical facilities:

- Before the first start-up or after critical changes before restarting it has to be checked by an expert.
- Review in the frame of the inspection test at least all four years by an expert. .
- Review by a qualified person at least once a year.

How to carry out the overhead installation:

In tidal fall you should install the device out of the lounge area of people

IMPORTANT!

Overhead installation requires a high level of experience. This includes knowledge of calculating the payload, used installation material and safety inspections of the used material and the projector whereas the required experience is not limited to this. Do not try to carry out installation yourself under any circumstances if you are not qualified. Contact a professional installer. An inappropriate installation can lead to injuries and/or damaged properties.

It is not allowed to install the device in the grip area of people.

If the device may hang from the ceiling or from high beams, the use of truss systems is mandatory. The device may not be installed so it can swing freely in the room.

Please note: Crashing down items can cause serious injuries! Do not install the projector, if you doubt the safety of a possible installation form!

Before installation make sure that the mounting surface has the ability to carry the tenfold point load of the own weight of the device.

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

During overhead installation the device must be always secured by a safety rope which is designed to hold the twelvefold weight of device. Only safety ropes with quick-release safety fastener elements may be used. Hang up the safety rope in the hole of the mounting bracket. Direct the rope over the

truss or an appropriate fastening point. Hang up the end in the fastening element and tie up the locking nut. A safety rope once exposed to failing load or damaged may not be used furthermore.

The maximum drop exceed must not exceed 20cm.

A safety rope once exposed to failing load or damaged may not be used furthermore. Adjust the desired inclination angle via the mounting bracket and tighten the screw.

3. Introduction

Thank you for buying the **Pico 2 IR**. It is a powerful device. For a successful installation and operation, please read this manual carefully.

4. Commissioning

Turn on the device with the power button at the bottom of the device.

Push the ON button on the IR remote control. The unit turns on and is ready for operation.

4.1. Charging

Connect the LED headlamp with the included power supply with the power supply system. In the event you have bought a Tourpack you can connect the device with pre-installed XLR connectors.

While charging the LED headlamp should be turned off, otherwise there can be no sufficient charge.

The loading process can take up to 10 hours, depending on the remaining charge of the battery.

If you turn the switch on the charging rail you can see the state of charge for every battery (only possible with the Tourpack). If you have not bought a Tourpack switch the power button, then you can see the state of charge in a little inspection window at the top of the device.

5. IR remote



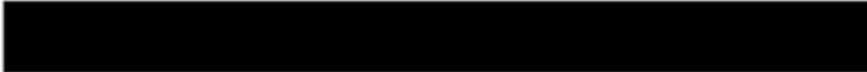
6. Wireless DMX

LED display and its meaning

Permanently off = not connected to the transmitter



Permanently on = connected with the transmitter / DMX is transmitted



900ms on/ 100ms off = connected with the transmitter / No DMX signal

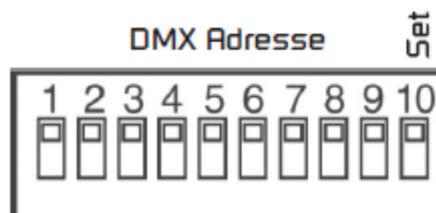


100ms on/ 100ms off = loose connection / Connection is prepared



6.1. Setting DMX address

You can set the DMX address with the help of a binary system on the Dipswitch. If you activate the Set button (Dipswitch 10) for 3 seconds, the receiver deletes the connection to the transmitter. In OFF position the Set button has no function.



7. Trouble shooting

7.1. Pico 2 IR

| The unit does not turn on. | | | | Error |
|----------------------------|---|---|----------------------------------|-----------------------------------|
| Failure of one color | | | | |
| Failure of the projection. | | | | |
| Light yield reduced | | | | |
| Possible causes | | | | Check and reaction |
| x | | | No power supply. | Check the battery voltage |
| | x | | Defect LED. | Change the defect LED. |
| x | | | Empty battery of remote control. | Change the battery. |
| | | x | Defect optics. | Contact qualified personnel. |
| | | x | Dust or dirt. | Clean the device. |
| x | | | Defect remote control. | Change the defect remote control. |
| x | x | | Fault in the electronics. | Contact qualified personnel. |
| x | | | Defect battery. | Contact qualified personnel. |

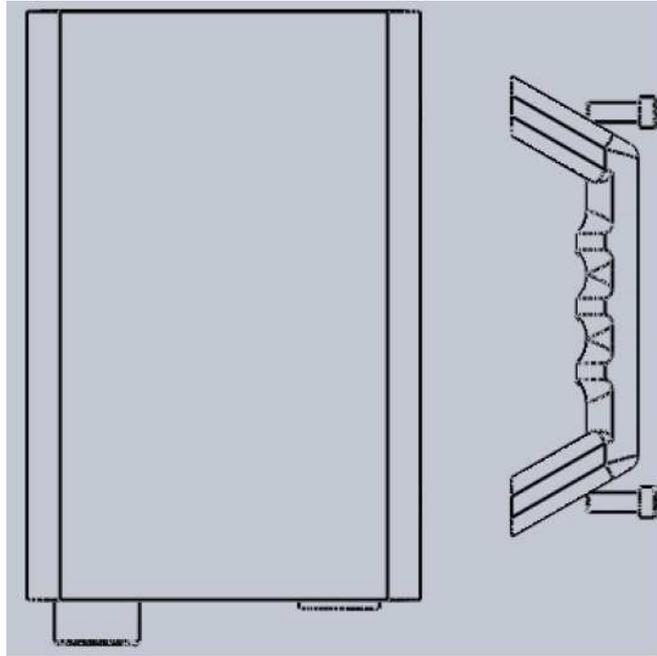
7.2. Tourcase

| There is no charge | | | | Error |
|---|---|---|--------------------------------------|-------------------------------|
| No charge status indicator. | | | | |
| State of charge indicator does not reach max. | | | | |
| | | | | |
| Possible causes | | | | Check and reaction |
| x | | | No power supply. | Check the voltage |
| x | | | Defect power supply | Contact qualified personnel. |
| x | x | x | Fault in the electronics. | Contact qualified personnel. |
| x | x | | Contact error of the XLR connectors. | Plug the XLR connector again. |
| x | | | Contact error. | Contact qualified personnel. |
| x | x | x | Defect battery. | Contact qualified personnel. |
| x | | | Switched on headlight. | Switch the headlight off. |

8. Maintenance

Opening the device may only be performed by technical personnel only!

- Remove the caps which are on the handle with a flat screwdriver.
- Among them are two screws, unscrew them and remove the handle.
- Now you can pull out the whole inner part down.



9. Technical data

| | |
|---------------------|----------------------|
| Power supply | |
| Voltage | 100-240 V / 50-60 Hz |
| Battery | Yes |
| Light source | |
| LM type | LED 4in1 |
| Colour spectrum | RGBW |
| Power | 40W |
| Number / Power | 4x 10W |
| Optics | |
| Beam angle | 10° |
| Zoom | No |
| Fokus | No |
| Connection | |
| Current in | 4pol |
| Controlling | |
| DMX512 | Optional |
| IR-Fernbedienung | Yes |
| Hardware | |
| Protection class | IP63 |
| Dimensions | 120 x 120 x 181 mm |
| Weight | 1,80 kg |

Importer:

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