

MY LED POSTER



Operating instructions

LED poster P1.875 GOB

BA-50-000001-02-EN

Scope of application

These Operating instructions only apply to the product labelled on the cover sheet.

Check the model using the product's rating plate.

Original instructions / translation of the original instructions

In accordance with the EU Machinery Directive, the German copy of these Operating instructions is the original instructions.

Copies in other languages are translations of the original instructions.

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The function of the product is limited to the functions described in the associated technical documentation.

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1 Information and support

1.1 Thanks to the buyer

Thank you for purchasing a product from Kernlochbohrer GmbH.

Please read the Operating instructions carefully and observe the safety instructions. By following the Operating instructions, you will be able to fully utilise the outstanding performance of our product.

If you have any questions about the operation of the product, please contact Kernlochbohrer GmbH directly. We are available to answer your questions at any time.

1.2 Using the Operating instructions

The product is intended for professional use and may only be operated by trained personnel. Strictly adhere to the instructions in the Operating instructions.

Our company declines all responsibility in the event of non-compliance with the Operating instructions, which may result in injury or damage to property.

The Operating instructions are indispensable for using the product. The Operating instructions must therefore always be kept close to the product and be accessible to the intended personnel at all times.

In addition to the Operating instructions, the generally applicable and local regulations for accident prevention and environmental protection must be provided; compliance with these regulations must be checked regularly.

1.3 Changes

Kernlochbohrer GmbH reserves the right to change the design and appearance of the products and their Operating instructions. Future changes to the Operating instructions will be made without prior notice.

1.4 Explanation of symbols



The symbol draws your attention to dangers that you must be aware of when carrying out the following work in order to avoid injury to yourself, other persons or damage to property.



Cross-reference to another point in the Operating instructions.



Prerequisite for an action.



Action to be performed.



Behaviour of the product that is to be expected as a result of the preceding action.



Background information or reference to special features.

1.5 Guarantee

In accordance with Kernlochbohrer GmbH's general terms and conditions of delivery, a warranty period of 24 months applies to material defects in business transactions with companies (proof by invoice or delivery note).

Damage caused by natural wear and tear, overloading or improper handling is excluded.

Damage caused by material or manufacturer defects will be rectified free of charge by repair or replacement delivery. Complaints can only be recognised if the individual assemblies (modules, LED panels, etc.) are sent to Kernlochbohrer GmbH unassembled.

Wear parts are excluded from the warranty.

1.6 Environmental protection

1.6.1 Disposal of the packaging

The packaging is made from recyclable materials. They must be disposed of in accordance with their labelling and municipal guidelines.

1.6.2 Disposal of the product

Follow national regulations on environmentally friendly disposal and recycling of used products and accessories.

For EU countries only:

Do not dispose of the product with household waste! In accordance with European Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, used electrical appliances must be collected separately and recycled in an environmentally friendly manner.

1.7 Service

Precise information and specific questions allow faults to be rectified quickly, make it easier to order spare parts and prevent incorrect deliveries.

Before contacting the service, please collect the following data first.

The model designation and serial number must be stated for all questions and orders. This information can be found on the product nameplate.

Further information is required in the event of faults:

Type and extent of the disorder, accompanying circumstances, suspected cause.

Please contact us to order spare parts.

- ① You are welcome to send us photos when ordering spare parts or videos in the event of faults.

Contact details:

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1.8 Scope of delivery

The scope of delivery includes the following components:

- 1 Transport box
- 1 Foot
- 5 Module (1 piece already mounted on the base)
- 21 LED panel
- 1 Suction lifter
- 1 HDMI connection cable
- 1 Mains connection cable
- 1 Mains cable
- 3 Connecting piece
- 23 Cheese head screw with hexagon socket M6x20
- 15 Cheese head screw with hexagon socket M6x10
- 1 Set of microchips

- ① Each module must be fitted with four LED panels.
A further LED panel is included as a spare.

2 Security

2.1 General information

The product was built according to the state of the art and in compliance with the applicable laws, standards and safety regulations. Nevertheless, the use of the product may pose a risk to the user or third parties and cause damage to the product and other property.

The product may only be used if it is in perfect condition and in accordance with its intended use and in a safe and hazard-conscious manner.

If the product is damaged or malfunctions, take it out of operation immediately, secure it against use and repair it or arrange for it to be repaired.

2.2 Intended use

The LED poster is used to display pictures or films.

The product may only be used within the limits of its technical data. This information, for example performance data and ambient conditions, can be found in the "Technical data" chapter.

Any other use or use beyond this is considered improper use - risk of accident! Kernlochbohrer GmbH is not liable for any resulting damage. The risk is borne solely by the operator.

Intended use also includes observing the Operating instructions.

2.3 Organisational safety measures

The Operating instructions must always be available to operating and maintenance personnel. They must therefore always be kept at the product's place of use.

The regulations on accident prevention and environmental protection applicable at the place of use of the product must also be available. The operator of the product must regularly check that they are complied with.

The product may only be operated at an ambient temperature between 0°C and 40°C

The product must not be operated in a damp environment.

The product must not be operated in potentially explosive atmospheres or in the vicinity of flammable liquids, gases or combustible dust.

The regulations for environmental protection and disposal applicable at the place of use of the product must be complied with.

2.4 Changes to the product

No changes may be made to the product without written authorisation from Kernlochbohrer GmbH. If changes are made without authorisation, the warranty will be invalidated. Kernlochbohrer GmbH is not liable for damage caused by unauthorised modifications.

2.5 Spare parts

Spare parts must comply with the properties defined by Kernlochbohrer GmbH. This is always guaranteed for spare parts supplied by Kernlochbohrer GmbH. Kernlochbohrer GmbH is not liable for damage caused by the use of unsuitable spare parts.

2.6 Personnel

All persons tasked with commissioning, operating and maintaining the product must have read and understood the Operating instructions beforehand.

The product may only be operated by persons who have been adequately instructed beforehand.

Maintenance of the product may only be carried out by persons who have completed specialised training appropriate to this activity.

Minors are not permitted to work with the product. Young people over the age of 16 who are trained under supervision are exempt from this regulation.

2.7 Safe behaviour

Any work on and with the product that could jeopardise safety must be avoided.

All safety and hazard warnings on the product must be legible and must not be removed.

Operating the product requires the full concentration and ability of the personnel. Persons who are overtired, unable to concentrate or under the influence of alcohol, drugs or medication must not work on or with the product.

Before using the product, check that it is in perfect condition. If the product is damaged, it must not be used. Then secure the product against use and repair it or arrange for it to be repaired.

Only operate the product on a level surface and do not expose it to vibrations.

Do not operate the product near heat sources.

Do not place any objects on the product.

The ventilation slots of the product must not be covered during use.

In order not to jeopardise the functionality and safety of the product, covers or other components of the product must not be removed.

Operating elements must not be operated thoughtlessly or wilfully. This could result in personal injury or damage to the appliance.

The product must be cleaned regularly so that dirt does not accumulate. All operating elements must be kept clean and dry.

When the product is not in use, the mains plug must be disconnected from the socket. Park the product in such a way that nobody is endangered and secure it against unauthorised use.

2.8 Safety during maintenance

Maintenance of the product may only be carried out by persons who have completed specialised training appropriate to this activity.

The maintenance activities and intervals specified in the Operating instructions must be observed.

Workshop equipment appropriate to the type of work is required to carry out maintenance activities.

The following safety precautions must be taken before starting maintenance work:

- Position the product so that the surgical site is easily accessible.
- Set the product to the appropriate operating status.

After completion of maintenance activities:

- Assemble the product completely.
- If operating elements or safety devices have been removed, they must be refitted and their function checked.

The mains plug must be disconnected from the socket before cleaning the product.

To clean the product, apply a cleaning solution to a microfibre cloth. Do not spray the cleaning solution directly onto the device.

Do not use any corrosive, harmful or environmentally damaging substances to clean the product. Dispose of cleaning agents in an environmentally friendly manner.

Under no circumstances should high-pressure cleaners, water jets or compressed air be used to clean the product.

3 Technical data

General	
Model	LED poster P1.875 GOB
Article number	9500
Screen size	600 x 1687.5 mm
Screen resolution	320 x 900
Number of LED panels	5
LED composition	1R 1G 1B / R : G : B = 3 : 6 : 1
Pixel density	284444 dot/m ²
Brightness	700 cd/m ²
Viewing angle (H/V)	140°
Power supply	100 - 240 v 50 Hz
Maximum power consumption	650 W/m ²
Average power consumption	220 W/m ²
Best viewing distance	2 - 20 m
Update rate	≥ 3840 Hz
Frame frequency	≥ 60 Hz
Control system	Wifi
Service life	> 100000 h
LED error	< 0,0001
Dimensions	615 x 1835 x 55 mm
Weight	37 kg
Permissible ambient temperature	-10 °C to +50 °C
Permissible relative humidity	Maximum 95 %
Protection class	IP 43

LED panel	
Size	300 x 168.75 mm
Resolution	160 x 90
Weight	300 g
LED type	Kinglight SMD1515
Power consumption	< 16 W

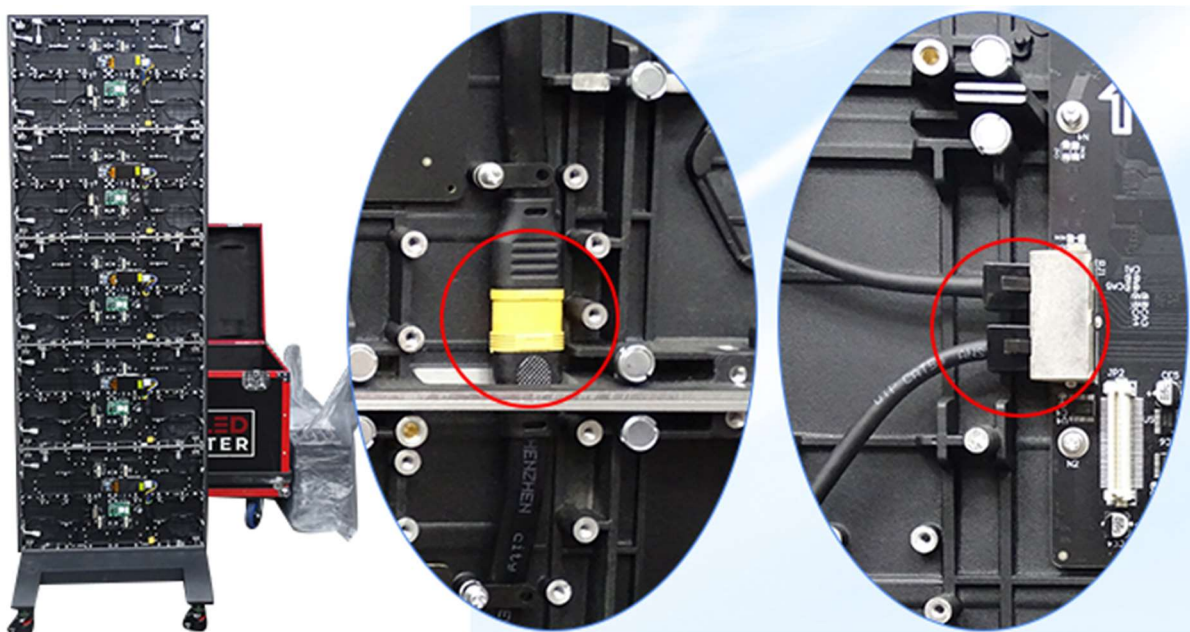
Transport box	
Size	700 x 700 x 580 mm
Weight	20 kg

4 Hardware installation

4.1 Single poster

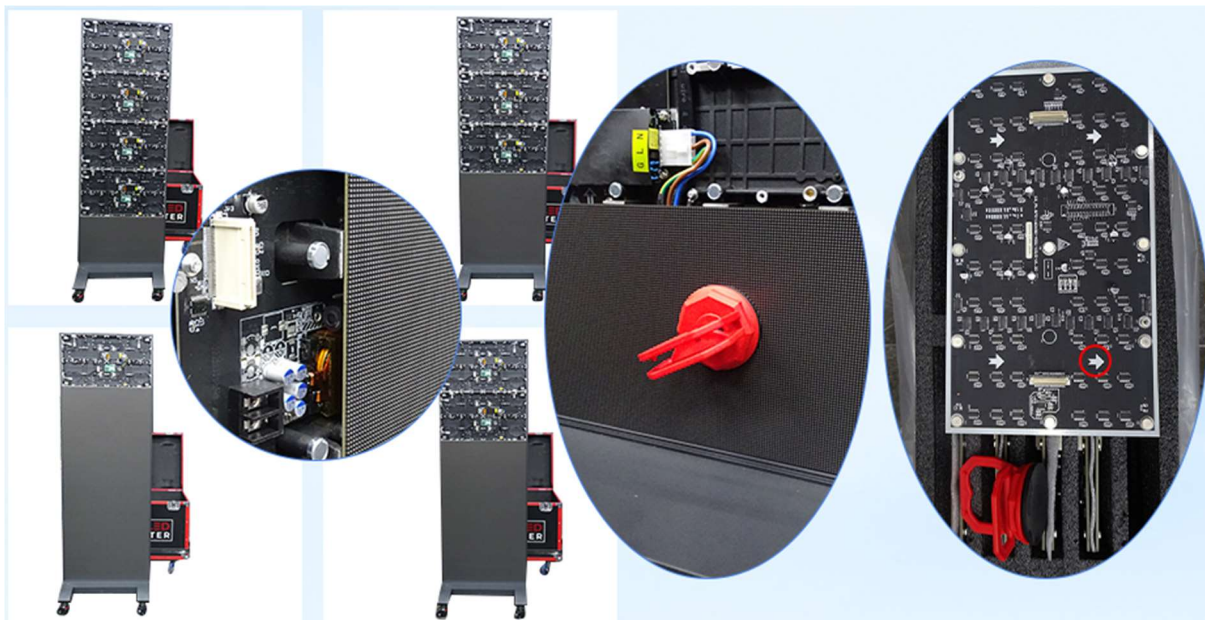
Procedure:

- ☒ Open the transport case and remove the packaged LED panels from the transport case.
- ☒ Remove the base of the LED poster from the transport case; the first module is already attached to it.
- ☒ Remove the second module, place it on the first module (align it so that the arrows on the circuit board at the back of the module point upwards) and connect it using the quick-release fasteners.
- ① Alternatively, the modules can also be connected at the rear using the enclosed connectors and cheese head screws.
- ☒ Install additional modules accordingly.
- ☒ Connect the signal cable and mains cable of the individual modules to each other.



- ☒ Attach the first LED panel to the lower module. Use the suction lifter for this.

Align the LED panel so that the arrows on the circuit board at the rear are pointing upwards.



- ☒ Attach additional LED panels to the modules accordingly.
- ☒ Attach the side mouldings.
- ☒ Plug the mains cable into the base of the LED poster and connect the power supply.
- ☒ Switch on the LED poster at the main switch.

4.2 Multiple poster

- ① A maximum of six individual posters can be combined to form a multiple poster.

Prerequisites:

- ☑ All modules of the individual posters installed according to the previous instructions.

Procedure:

- ☑ Connect the modules of the individual posters together using quick-release fasteners.
- ① Alternatively, the individual posters can also be connected on the back using the enclosed connecting pieces and cylinder screws.
- ☑ Attach the first LED panel to the lower module of the first individual poster. Use the suction lifter for this.
Align the LED panel so that the arrows on the circuit board at the rear are pointing upwards.
- ☑ Attach further LED panels to the first single poster.
- ☑ Attach the LED panels to the other individual posters accordingly.
- ☑ Attach the side mouldings.
- ☑ Establish an HDMI connection and power supply between the individual posters.
Connect the HDMI output of the first individual poster to the HDMI input of the second individual poster, etc.
- ☑ Plug the mains cable into the base of the first LED poster and connect the power supply.
- ☑ Switch on the LED poster at the main switch.

5 Software installation

Various NovaStar software is suitable for use with the LED poster:

- "ViPlex Handy" for IOS or Android.
 - "ViPlex Express" or "Nova LCT" for Windows
- ① Information on using the software can be found in the relevant user documentation from the software manufacturer.

5.1 Wi-Fi name

Each LED poster has a unique Wi-Fi name

- ① The Wi-Fi name is located on a label on the back of the base of the LED poster.

5.2 Password

The default password for the LED poster is 'SN2008@+'.



The password for the LED poster should be changed by the operator during installation to prevent unauthorised access.

- ① The new password must be documented and stored by the operator.

6 Maintenance

6.1 Visual inspection

The product must be visually inspected at regular intervals.

The mains plug must be disconnected from the socket before the visual inspection.

During the visual inspection, pay particular attention to the LED panels and HDMI or mains cable.

Also check that the ventilation slots at the rear are unobstructed.

6.2 Cleaning

The mains plug must be disconnected from the socket before cleaning the product.

To clean the product, apply a cleaning solution to a microfibre cloth. Do not spray the cleaning solution directly onto the device.

Do not use any corrosive, harmful or environmentally damaging substances to clean the product. Dispose of cleaning agents in an environmentally friendly manner.

Under no circumstances should high-pressure cleaners, water jets or compressed air be used to clean the product.

7 EU Declaration of Conformity

The manufacturer/distributor

Kernlochbohrer GmbH | Geigersbühlweg 52 | 72663 Großbettlingen | Germany

hereby declares that the following product

Product description: **LED poster**

Type: **P1.875 GOB**

complies with all relevant provisions of the applicable legal regulations (hereinafter) - including their amendments valid at the time of the declaration. This declaration of conformity is issued under the sole responsibility of the manufacturer. This declaration relates only to the machine in the state in which it was placed on the market; parts and/or modifications subsequently fitted by the end user are not taken into account.

The following legal provisions were applied:

Directive 2014/30/EU: Electromagnetic compatibility

Directive 2014/35/EU: Making available on the market of electrical equipment designed for use within certain voltage limits

The following harmonised standards were applied:

EN 55032:2015/A1:2020 Electromagnetic compatibility of multimedia equipment and devices - Emission requirements

EN 55035:2017/A11:2020 Electromagnetic compatibility of multimedia equipment - Immunity requirements

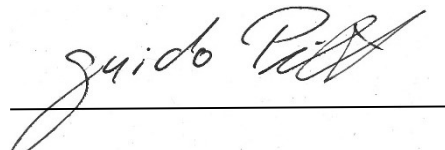
EN 62368-1:2020/A11:2020 Equipment for audio/video, information and communication technology - Part 1: Safety requirements

Name and address of the person authorised to compile the technical documentation:

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Großbettlingen 14.07.2025

Kernlochbohrer GmbH



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Managing Director / Chief Executive Officer

