

About this device

Intended use

The **MBeg+** is a multifunctional operating device for controlling a security surveillance system. The functions include camera playback, PTZ control and processing of alarm events. The device is operated via a touch screen or keypad. Comprehensive camera and video control is possible via the **MBeg+**.
The **MBeg+** operating device may only be used indoors.

About these instructions for use

These operating instructions contain important information for the safe and proper commissioning and use of the **MBeg+** multifunction control unit.

The multifunction control unit has been developed and manufactured in accordance with the generally recognized rules of technology and in compliance with recognized applicable standards and guidelines.

Observe the safety instructions in this manual to avoid personal injury and damage to property.

- Read these instructions thoroughly and completely before working with the MBeg+.
- Keep the instructions in a place where they are accessible to all users at all times.
- Always pass the multifunction control unit on to third parties together with the instructions for use.

Validity of the documentation

This documentation applies to the **MBeg+** multifunction control unit.

These instructions correspond to the technical status of the device at the time of publication. Errors and omissions excepted.

GEUTEBRÜCK reserves the right to make changes without prior notice.

EU Declaration of Conformity

This appliance complies with the requirements of the following EU directives:

- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU



The currently valid edition of the EU Declaration of Conformity can be found here:

<https://t1p.de/5qe1c>

Transport and storage conditions:

The device is shipped from the factory in a shipping box with a special cushion packing. If possible, always use the original packaging.

- We recommend always using pallets for storing and forwarding the appliances.
- Temperature: -25°C to +55°C
- Relative humidity: 10% to 90% (without condensation)

Disposal

Dispose of the device properly. Careless disposal of the appliance can lead to environmental pollution.



This symbol on the product or the product packaging indicates that the product must **not be treated as household waste** in accordance with Directive WEEE II Directive 2012/19/EU.

It must be handed in at the appropriate collection points for the recycling of electrical and electronic waste.

Alternatively, Geutebrück grants the end customer the option of returning the delivered hardware to Geutebrück for disposal at the end of its service life. The standard RMA procedure of Geutebrück GmbH shall be used to process the return shipment.

Conformity with standards is confirmed by written declarations from our suppliers. This ensures that potential traces of restricted substances are below the maximum permitted levels in accordance with EU Directive 2011/65/EU or are excluded due to their use.

G-ST Software

G-ST Software Online Documentation

The installation instructions with information on how to install or set up the individual software components can be found here:



G-Core

Video Management Software
Order No. 3.06750

<https://manuals.geutebrueck.com/>



G-SIM

Security Information Management
Order No. 3.06135

<https://manuals.geutebrueck.com/>



G-Health

Monitoring software
Order No. 3.06520

<https://manuals.geutebrueck.com/>

MBeg+

Multifunctional Control Unit

Instructions for use

MBeg+ (0.50700)

User Manual MBeg+

A user manual with a description of the device and additional information on its use can be found here:

<https://shop.geutebrueck.com>

Installation Manual G-ST Software

Installation manual with information on how to install the individual software components can be found here:



<https://manuals.geutebrueck.com/>

General safety instructions

Commissioning

The device may only be commissioned by qualified personnel who are familiar with the device and the technology.

Make sure that all applicable safety requirements are fulfilled.

For the connection of control lines, please refer to the instructions in the user manual.

Operation

When operating the device, the local applicable laws, other regulations, standards, and rules of technology must be observed. In the interest of a safe work process, operating company and supervisors are responsible for their compliance. During all work, check the device for any damage. All parts must be correctly mounted and fulfill all conditions to ensure proper operation.

In dangerous situations or in case of malfunctions, disconnect the device from the power supply immediately.

Repair and maintenance

Ensure that the appliance is repaired professionally. Mark the defect clearly and unplug the appliance from the mains so that no accidents or damage can occur or be caused by a defective appliance until it has been repaired.

Do not remove the housing cover! There are only maintenance-free components inside the device.

CAUTION

Danger due to the use of non-original parts!

Personal and property damage

- ▶ Only use original spare parts.

WARNING

Explosion hazard!

If the mainboard battery is replaced by an unsuitable battery type, explosions may occur.

- ▶ Make sure that a suitable battery type is used.
- ▶ Dispose the battery according to the valid legal requirements and local regulations.

Connect MBeg+

Connecting the device to the network

The **MBeg+** is connected to the network via a 100/1000 MBit/s Ethernet LAN connection.

Connect the **MBeg+** to the network via the RJ45 network interface on the back of the device.

Ensure that the plug connections are secure.

The **MBeg+** requires a valid IPv4 address with a suitable subnet mask, gateway and primary and secondary DNS to be able to communicate with Geutebrück systems. In the settings menu, you can either activate automatic IP configuration using DHCP or select manual address assignment.

With automatic address assignment, the automatically applied settings can be validated in the settings menu. In addition to the IP address and subnet mask, the default gateway and primary and secondary DNS servers can also be specified for manual address assignment.

The IP addresses are set by number pair or jog shuttle. Client port that is used in all Geutebrück applications: Port 10001

Connect the device to the power supply and switch it on

Connect the device with USB, PoE 802.3 AF or PoE+.

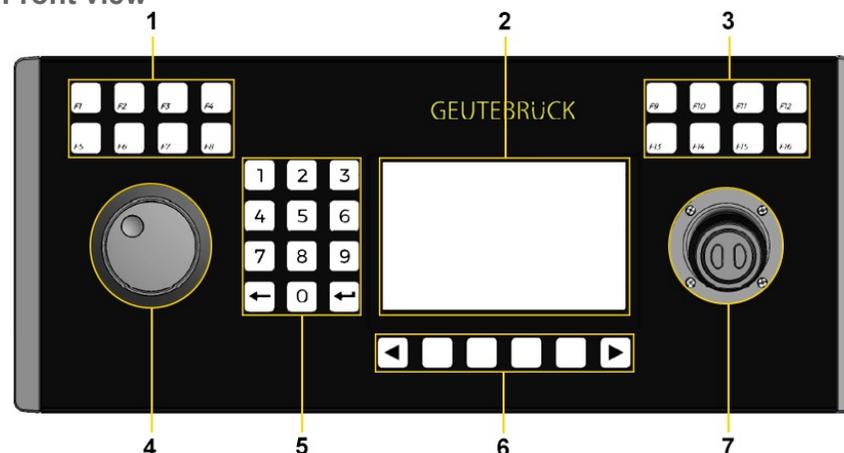
It switches on automatically

Operating MBeg+ with redundant power supply

MBeg+ can be supplied with power via USB. MBeg+ can be supplied with power via POE/POE+.

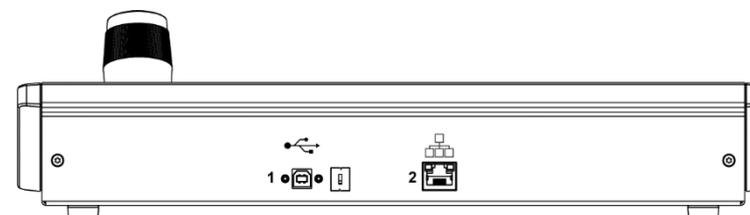
If the MBeg+ is connected to USB and POE/POE+, the device restarts when the network cable is disconnected.

Front view



1	Function keys F1 to F8
2	Touchscreen surface
3	Function keys F9 to F16
4	Jog shuttle
5	Numeric keypad with delete key and enter key
6	Programmable buttons for the menu functions
7	Joystick with 2 buttons

Rear view



1	USB connection
2	RJ45 network connection PoE 802.3 AF