

Traffic-light system MPB 1400 – the low-cost traffic light for roadworks.

reliable, simple, compact

GPS
controlled



Safety by Berghaus





**MPB 1400 –
for universal use, adjusted in seconds, GPS synchronised.**

The MPB 1400 is an extremely low-cost mobile traffic light system for roadworks in state-of-the-art technology. The standard version is designed to control alternating one-way traffic and can be extended by simply adding other identical signal heads for T-junctions or crossroads, where this is permitted within the scope of the national regulations.

MPB 1400 is produced in accordance with the regulations of the VDE 0832 and RiLSA for quartz controlled traffic light systems. When used to control alternating one-way traffic, it complies with type class A of the Technical Delivery Conditions for Mobile Traffic Light Systems 97 (TL-LSA 97).

Other advantages of the MPB 1400:	
<ul style="list-style-type: none">• Low-cost mobile traffic light system for alternating one-way traffic, quartz controlled• Can be upgraded for T-junctions or crossroads (export) by adding further identical signal heads• Simple handling with convenient menu-guided infrared remote control	<ul style="list-style-type: none">• Menu language on request: German, English, Spanish, French, Dutch, Italian or Turkish (other languages possible)• Exact GPS synchronisation of the sequences• Innovative LED technology (tested as per DIN EN 12368) as standard

Simplest handling in 7 languages.

Easy handling and uncomplicated operation in seven languages are the main attributes of the MPB 1400, together with the possibility of extending it for T-junctions or crossroads.

All settings are adjusted conveniently with a coded infrared remote control that is protected from unauthorised access. Just one handbox can be used to program any number of identical signal heads. MPB 1400 is ideal for universal use. With just two systems, you can control alternating one-way traffic in two different places on one day, or simply use them together to control a crossroads on another day, for example.

The handbox takes you through the dialogue for adjusting the necessary parameters so that it is really easy to use: enter the red and green phases with up to 999 seconds separately for each traffic light and send the data: that's all!

It goes without saying that manual mode with continuous red, continuous green, yellow flashing as a warning and lamps off can also be adjusted in addition to quartz mode – ideal for example when felling trees or in special traffic situations where manual intervention is required.

On request, the customer is guided through the menu in German, English, French, Italian, Spanish, Dutch or Turkish. Other languages on request.

The standard MPB 1400 has reverse polarity and under-voltage protection, night-time reduction feature and data buffering when changing the battery. The traffic light system is supplied with innovative LED technology (tested as per DIN EN 12368).

But it is not just the innovative electronic features that make MPB 1400 so convincing. Robust yet light-weight aluminium battery trailers with solid rubber tyres simplify transport. Proven, tried-and-tested housings in modular design minimise spare parts costs when repairs are necessary, as here it is really only the defective individual part that has to be replaced, always with an eye on the prices.

MPB 1400 – the low-cost traffic light system with easy operation for many applications!



Operation:
Convenient and easily understood: the MPB 1400 handbox offers seven languages for menu guidance and can be used to program any number of traffic lights.

Red and green phases of up to 999 seconds are entered separately for every traffic light in the handbox dialogue with infrared transfer to the respective traffic light.

MPB 1400 is synchronised with GPS to warrant a precise phase cycle all the time.

Technische Daten	
Operating voltage	approx. 9-14V DC voltage (electronic on/off, reverse polarity and undervoltage protection)
Power consumption	approx. 0.11A (LED) on average per signal head
Lamps	innovative LED technology (tested as per DIN EN 12368) as standard
Control types	fixed phase mode for alternating one-way traffic, T-junctions and crossroads; manual mode with continuous red, continuous green: yellow-flashing; lamps off



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