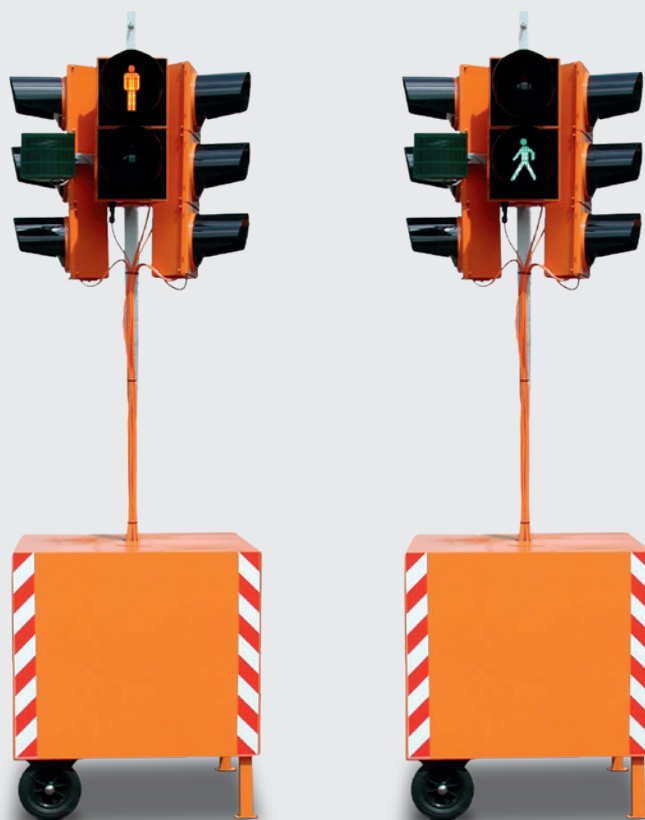


# FG 2 – 12V/230V – mobile pedestrian signal system.



The mobile pedestrian signal system FG 2 is also available with LED technology on request.

**The cable-controlled mobile pedestrian signal system FG2 is used in request and automatic mode for temporary traffic control at pedestrian crossings (e.g. in the interests of school road safety). It offers signal safety as per VDE 0832 and RiLSA.**

This traffic light system can also be used to control alternating one-way traffic instead of pedestrians, including vehicle actuation on request. The power supply for the complete traffic light system is provided centrally by 12V batteries or using a 230V/12V power supply unit. The controller with the various control elements is accommodated in a powder-coated aluminium lower structure in its own housing and reliably protected from unauthorised interference. All signals are fitted with 12V/10W halogen lamps as a standard feature.

#### **LED technology**

When ordered accordingly, the signal system can be equipped already ex works with energy-saving LED technology, cutting power consumption by up to 60% with unreduced brightness. This also brings down the maintenance costs, with far longer battery change intervals; furthermore, there is no longer any need for halogen lamps to be replaced. Nor does our LED system generate any phantom effect as it has no reflectors that could generate irritating reflections of sunlight.

#### **Signalling for the visually impaired**

If necessary, the FG signal system can be equipped with tactile signal heads. With this feature, which is increasingly present at many stationary pedestrian traffic lights, the acoustic signal head emits a guiding signal (as a pilot tone at first and then a clearance signal with the green phase). To this end, the signal system is equipped with special RiLSA-compliant request buttons directly ex works; the tactile symbol on the button also indicates the position and type of pedestrian crossing.

## Operation of the mobile pedestrian signal system FG 2.

The FG2 traffic light controller is very easy to operate. The parameters are adjusted directly at the controller using the touch panel, without needing a laptop or any other aids. All inputs can be checked on the display at any time or printed out for verification, including the planned/actual signal timetable, ON/OFF programs, interlocking and interim time matrix, status monitoring (prohibited occurrence of faulty signal patterns), fault memory etc. The mobile pedestrian controller FG2 is already fitted ex works with many system functions and operating modes. Traffic control is possible with four different day programs (including vehicle-actuated control as an option), such as automatic green phase extension, continuous red (green on request), fixed phase, flashing, blank or manual mode and much more besides.

The FG2 controller is fitted with many monitoring systems so that the traffic light shuts down within  $\leq 3$  seconds in the event of a disturbance. In ex-works state, the FG2 is suitable for operation from the 12V battery and also from the 230V power supply, it has overvoltage and undervoltage protection and also actuates LED signal technology. Options include DCF 77 radio clock operation e.g. for progressive signalling, together with connections for our SMS remote monitoring, actuation of illuminated waiting signals, pedestrian request button with visual feedback, acoustic system for the blind with buttons and much more besides. A fitted digital counter shows the number of sequences requested by pedestrians in 24 hours and also since the FG2 was commissioned.

On request, the system can be equipped with an operating logbook. This can be used to log e.g. all requests by the hour. It also records all events, program changes, panel operation, possible power failure and even the last 90 seconds of the sequence before an error is triggered (black box). Needless to say that all these data are also available as a print-out.



Also available: Controller FG2R in its own housing – ideal for installation with own signal head stands, e.g. if there is not enough space on site for the orange battery casing.

### Pedestrian signal system FG 2 – for 12V/230V operation, Order No.: PB 41500

The standard system consists of:

- 4 vehicle and 2 pedestrian signal heads 200 mm, with black front
- 2 no-pressure Piezo request buttons with LED feedback
- 1 central controller with touch panel and information display
- 2 aluminium lower structures, powder-coated, to take batteries or the power supply unit and to accommodate all parts of the signal system (e.g. signal heads, cables, holders) during storage

- 1 overhead road cabling unit, consisting of two divisible 6 metre socket pipes
- 1 cable set with all traffic light connection cables needed for operation
- 1 power supply unit 230V/12V for optional operation of the system with mains voltage

Available for extra charges:

- Special tow bar for easier transport of the signal stand
- All signal heads in the FG2 traffic light system with LED technology