

Traditional Traffic Light



	Units number: two		Times: 1 - 99 sec 5 - 495 sec		Alarms: Lamps, battery		Dimensions (H / L / W): lantern / trolley box 25,5x37x123 cm / 46x60x54 cm
	Luminous intensity regulation: absent		Power supply: 12 V _{dc}		Autonomy: (with battery of 180Ah) 3 days		Weight: 58 Kg
	Light source: Traditional lantern		Connection Type: quartz synchronization		Maximum distance: Depending on travel time		Temperature: -15 °C - +85 °C

Product Description

System consisting of two mobile traffic light carriages.

Mobile traffic lights are recommended for use in construction work zones that are continually in motion: the light-signal units are identical and operate independently i.e. cableless.

The system is designed to operate with two commercial-type batteries (one per carriage). The traffic light has two wheels and can be easily transported, thanks to the handle shaft, its moderate weight and compact construction.

A rear foot support guarantees stability. Traffic light height can be adjusted through telescopic pole and threaded fixing knob.

Working Description

Alternate transit via traffic lights:

In case of inadequate visibility conditions at both ends of the bottleneck, alternate transit can be directed by two traffic lights (as an alternative to stick signalling).

Outside residential areas, the traffic light system must be signalled in advance through temporary "traffic light" warning sign (fig. II 404) with a flashing light in place of the symbol's yellow circle.

The traffic light should be positioned on the right side of the temporary stop line.

Operating characteristics

The quartz traffic light system is controlled via microprocessor for simple time setting operations.

The microprocessor allows three time settings: red/red, green 1, green 2.

The maximum time per phase is equal to 99 seconds at 1-second steps. Quintuplicated times on request. In this case, the maximum time per phase will be equal to 495 seconds at 5-second steps. "Yellow" time is factory-set at 5 seconds.

The control unit features a twodigit display with LED indication of traffic light phase advancement.

The control unit includes the following pushbuttons: on/off, tenths advancement, unit advancement, time setting, start/synchronization, flash sequence.

During flash operation, the control units continue the sequence internally i.e. the two units will resume the sequence set by the user once the flash function is disabled, without the need to synchronize again.

The control unit monitors lamp efficiency: when a lamp is not working, the fault is indicated on the display and in case of a faulty red lamp, the traffic light will switch to yellow light flashing mode. The sequence is resumed once the red lamp is replaced.

Battery level control: when the battery is



Packaging

	Dimension: 61x55x h 46,5 cm weight: 14,5 kg
	Dimension: 122x38x h 25,5 cm weight: 12 kg

Norms

- Article 21 - 41 of the Road Code
- Article 42 - 158 - 159 - 167 - 169 of Regulation Enforcement and implementation of the Road Code
- Ministerial Decree Of July 10, 2002 published in the Official Gazette no. 226 of 26 September 2002
- European Directive 2004/108/EC and the CE marking

Battery level control: when the battery is under the efficiency level, "Lb" will appear on the display. Safety fuse breakage control: when broken, a red LED will turn on. Protection against polarity inversion: if the operator inverts the polarity, reversing the positive and negative poles, the three lights will turn on simultaneously without damaging the control unit. The control unit has an internal battery for data memory and sequence running during battery replacement, avoiding the need to set and synchronize the traffic lights again.

/ Mechanical characteristics /

- Carriage made from yellow-painted metal
- type-approved traffic light with dia. 300 mm red
- polycarbonate
- telescopic pole for traffic light support
- watertight control unit made from shockproof with front
- lexan panel
- lockable battery box
- cableless link between the two traffic lights
- Yellow paint

