

MPB 1400 LED Single Signal Head

Roadworks Traffic Light · 1 Signal Head · GPS-Synchronised

TECHNICAL FEATURES

Description

Single MPB 1400 LED signal head with mounting tube and battery casing. Add to a set to control T-junctions and crossroads. GPS-synchronised.

CE

EMC · LVD

EN 12368

LED tested

GPS

synchronised

TL-LSA 97

signal safety

Quartz

controlled

7 Languages

DE · EN · FR · IT · ES · NL · TR

OPTICAL FEATURES

Light source	LED technology
Photometric testing	DIN EN 12368
Lens diameter	210 mm (type Austria)
Signal colours	Red · Amber · Green
Signal-head construction	3-chamber flat housing, modular
Night-time dimming	Automatic (standard, via photocell)
Optional red countdown display	Factory-fit above red chamber; retrofittable

ELECTRICAL FEATURES

Operating voltage	10-14 V DC (electronic on/off switch)
Current consumption (avg. per signal head)	approx. 0.15 A (LED)
Control	Quartz-controlled, GPS-synchronised
Programming	Coded infrared handbox (sold separately), menu-guided dialogue
Menu languages	3 per handbox, chosen at order: DE · EN · FR · IT · ES · NL · TR
Red / green phase range	1-999 s, adjustable per signal
Control modes	Alternating one-way · T-junction · Crossroads · Parallel signals (up to 9)
Manual modes	Continuous red · Continuous green · Flashing amber · Lamps off
Protections	Reverse polarity · Undervoltage · Data buffering during battery change (max. 5 min)
User code	0-999 (access protection)
EMC / LVD directives	2014/30/EU · 2014/35/EU
Applicable standards	EN 61000-6-1 · EN 50293:2012 · TL-LSA 97

MECHANICAL FEATURES

Scope of delivery	1 signal head with control, mounting tube and battery casing
Signal-head housing	Flat 3-chamber modular design
Traffic-signal stand	Aluminium, height-adjustable mounting tube
Wheels	Solid rubber tyres
Battery casing	Aluminium (1- or 2-battery versions)
Power supply	12 V battery (not included) or N1-type power-supply unit
Transport orientation	Upright; lens hood facing away from travel direction

