MPB 4000 Portable Traffic Lights

MPB 4000 portable traffic lights are radio or cable controlled**, vehicle activated and fully compliant with NZTA CoPTTM requirements. The versatility and cost effectiveness of the MPB 4000s makes this system very popular. MPB 4000s can be used to control different traffic configurations, from alternating one-way traffic through to crossroads traffic. MPB 4000s can be programmed in just a few steps without the user needing extensive prior knowledge.

*** NZTA Compliant** *** Customised Programming** *** Traffic Activated**

Features & Benefits

- NZTA CoPTTM Compliant
- Two models available - Single or Multi Frequency
- Audio Alarm*- CoPTTM requirement
- LED lamps with ambient light sensor
- Very simple to set up & programme
- Universal in use with radio, quartz control and cable**
- Signal heads are universal - Select transmitter or receiver
- Customised programming
- Used for multiple traffic configurations - one way & 3 to 4 way (plus many more)
- Equipped with directional radar detectors for traffic dependent operation

* Alarm for radio communication error or power loss
** Cable sold separately

Why Use MPB Portable Traffic Lights?

Increased Safety

- Increased safety in lieu of manual traffic controllers
- Dependable German technology
- Reliable performance of the lights

Save Time & Money

- High costs savings compared to manual traffic controllers
- Can operate 24 hrs/day
- Easy set up
- Low maintenance

Key Features

User Friendly Control Panel

MPB 4000s are extremely simple to setup & programme.

All signal heads are the same so you can decide which signal head to use as transmitter or receiver (with active feedback) for radio operation.

Directional Traffic Radar

MPB 4000s are equipped with directional radar detectors to detect vehicles eliminating the need for manual traffic control.

MPB 4000s have a number of different operating modes and programs to operate the lights. This can be done by using the programming handbox.

RTL MPB 4000 Stockcodes

Single Frequency:	ET MPB4000-SF
Multi Frequency:	ET MPB4000-MF

RTL MPB Battery Stockcodes

12v 150Amph:	ET MPB40BAT1
12v 240Amph:	ET MPB40BAT2 (Recommended)

MPB Portable Traffic Lights: Successfully used in New Zealand for over 20 years

Accessories & Technical Specifications

Accessories / Upgrade Options

SMS Fault Monitoring System

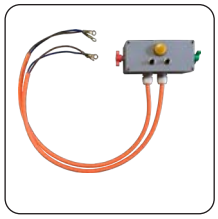
With this module, traffic signal alerts are transmitted directly to the technicians' e-mail or mobile phone. i.e. Critical battery charge statuses or freely defined error messages.

GPS tracking is also available. Please call us to discuss your requirements.

Remote Controller/ Receiver

Simple 8 channel hand held remote control can also be used for public transport request with bus priority etc. Options available for a range of 30m to 800m. Modes include: All Red, Flashing and Manual operation.

Cable Remote also available (Max Cable Length: 15m)



Battery Changeover Device

Make it easier for your crew onsite. This device enables you to change batteries without losing power to the lights.

It features a reverse polarity protection and a test button for checking the charge of the connected batteries.

Multi-Frequency Model

Supplied with a multi-frequency radio path for finding a free or low frequented radio channel quickly even in conurbation areas. The three-coloured LED field strength display informs the user about the strength of the incoming radio signal at any time, simply by pressing a button.

All Accessories / Upgrade Options are sold separately. GPS Tracking, Batteries, Chargers & Voltage Transformer / Power Packs are also available.

Operating Modes

MPB 4000 can also be easily programmed to handle installations such as:

"Green on Demand": This is an ideal program for low volume of traffic. The lights will stay on Red until one of the heads detects a car. The lights when operating in this program mode work on First Come First Go basis.

"Green Extend": This program is used when the traffic from one end is heavy. One light head remains green continuously until the other end detects a car.

"Haul Route Crossing" can be managed either manually or using a remote control.

Technical Data

Voltage Use in Cable & Quartz Mode

Daylight:	0.48A per signal head (approx)
Night:	0.32A per signal head (approx)

Voltage Use in Radio Mode

Daylight:	0.68A per signal head (approx)
Night:	0.58A per signal head (approx)

Other Information

Rated Voltage:	9-14 V DC (electronic reverse polarity protection, under-voltage and over-voltage protection
Lamps:	Optimised low-energy LED modules
Fuse:	4A, 5x20, semi time-lag (commercially available)
Radio Path:	Max length approx. 2,000m (under ideal conditions)