

MPB 3400 Portable Traffic Lights

MPB 3400 Portable Traffic Lights are vehicle activated and fully comply with NZTA CoPTTM standards. They can control different traffic configurations, from alternating one-way traffic, T junctions (3-way) and 4-way Intersections. MPB 3400 Lights are easy to operate and can be programmed in just a few steps using the control panel, without the user needing extensive prior knowledge. They can be used in radio, quartz (timer) or cable modes (cable sold separately).

* **NZTA Compliant**

* **Traffic Activated**

* **Emergency Quartz Backup**



RTL Stockcode:
ET MPB3400

Battery Options/ Stockcodes:
12v 150Amph: ET MPB40BAT1
12v 240Amph: ET MPB40BAT2 (Recommended)

Features & Benefits

- NZTA CoPTTM Compliant
- Audio alarm*- CoPTTM requirement
- Equipped with rotational radar detectors for traffic dependent operation - CoPTTM requirement
- **Multiple traffic configurations - one way, 3-way and 4-way**
- Universal signal heads - select transmitter or receiver mode
- Ease of set up & programming
- LED lamps automatic dimming (night time reduction)
- Emergency quartz back up (for one-way installs only)
- Multiple modes - radio, quartz and cable**

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

Why Use MPB Portable Traffic Lights?

Increased safety

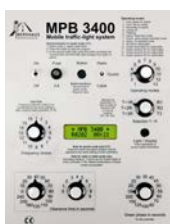
- Increased safety in lieu of manual traffic controllers
- Dependable German technology
- Reliable performance of the lights

Save Time & Money

- High cost savings compared to manual traffic controllers
- 24 hrs/day operation (if required)
- Easy set up
- Low maintenance

Key Features

User Friendly Control Panel



MPB 3400s are extremely simple to setup & programme.
All signal heads are the same so you can decide for yourself which signal head to use as transmitter or receiver (with active feedback) for radio operation.

Traffic Actuated Radar



MPB 3400s are equipped with directional radar detectors to detect vehicles, eliminating the need for manual traffic control.

MPB 3400s have a number of different operating modes to choose from, all on the Control Panel.

Emergency Quartz Backup



If the radio signal breaks down, the lights automatically change over to synchronised emergency quartz (timer) mode (for one-way installations only)

Once signal is restored, the lights switch back into "radio" mode without any noticeable interruptions for vehicle traffic.

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

Accessories & Technical Specifications

Accessories / Upgrade Options



MPB 3400 SMS Module

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.



Count down Timer

Fitted Countdown Timers count down the time remaining until the light turns green.

Helps reduce Driver impatience and the potential of drivers running amber or red lights.

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

Operating Modes

The following modes are available to select via a switch on the Control Panel :

- Automatic fixed time mode (vehicle actuated)
- Automatic green time extension
- Automatic green on demand (both lights on red - first come, first serve)
- All-red for radio and cable operation
- Manual mode (green for transmitter or green for receiver) from any signal head side for radio or cable operation
- Manual modes: Continuous green or red for quartz operation
- Orange flashing
- Lights off



Technical Data

Power Consumption in Cable & Quartz Mode

Daylight: 0.52A per signal head (Approx)
Night: 0.45A per signal head (Approx)

Power Consumption in Radio Mode

Daylight: 0.75A per signal head (Approx)
Night: 0.65A per signal head (Approx)

Other Information

Rated Voltage: 8-14 V DC (electronic reverse polarity protection, under-voltage and over-voltage protection (up to 28 VDC)

Lamps: Optimised low-energy LED modules

Fuse: 4A, 5x20, medium-slow fuse (commercially available)

Radio Path: Max length approx. 2000m (under ideal conditions)