

LDC - PTL1

LDC - PTL1 Portable Traffic Lights

THIS UNIT IS DESIGNED TO MEET OR EXCEED REQUIREMENTS OF AS 4191-1994

UNIQUE FEATURES

The PTL1 unit has several unique features.

Major features are safety and convenience related and are as follows :

- Handheld controller unit is on a 5 metre lead to allow programming and operation at a distance from the roadway.
- The trailer units are fitted with multi voltage LED tail lamp unit that are recessed into the frame to protect from vandalism and damage.
- Setup of the units is fast and easy, a single stage wind up procedure is all that is required to raise the lamp heads to operational height.
- Removable Trailer wiring prevents theft or vandalism, all fixed trailer wiring is encased.
- Radio System allows for selection of up to 6 different radio channels
- Main Electronics Housed in Lamp Head (Less Wiring & Connections)
- 2 Watt Radio Transmitters (Better Operating Range)
- Temperature Compensated charging (Longer Battery Life, No Overcharging)



Weatherproof Handheld Controller
No Laptop Computer Required

STANDARD FEATURES

- Meets All Requirements of AS4191.
- Solar Powered, Intelligent Charging, Gel Batteries (Zero Maintenance)
- Robust Construction
- Handheld Controller
- Quick, Easy Set Up and Removal
- In built Stabiliser Legs
- Removable Draw bars
- Low Centre of Gravity
- LED Tail Lights 8-30V

OPTIONS

Vehicle Sensors - Allows Vehicle Triggered Operation

GSM Modem - SMS Monitoring and Fault Reporting

Radio Remote - Wireless Unit for Manual Traffic Control or Traffic Holding

Link Multiple Units -Ability to link multiple units into one system.



Single unit PTL1



Description	Portable Trailer Mounted Traffic Light System
Lamp Units	LED lamps per AS 2144
Target Boards	Per AS 2144
Visors	Type A, Per AS 2144
Power Consumption in Operation Mode	< 1 Amp average
Power Efficiency	85% Approximate
Cooling	Passive (solid state)
Moving Parts in Control Systems	Nil (solid state, no relays)
Raise and lower	Brake winch
Overall height (fully raised)	3485 mm (Approx.)
Overall height (stowed)	2260 mm (Approx.)
Overall trailer width	1710 mm (Approx.)
Overall trailer length	3870 mm (Approx.)
Trailer drawbar	removable
Trailer lighting	8 to 32 volt recessed LED tail lights
Batteries	Two x 180AH gel batteries
Solar power regulated	Yes
Cable linked handheld controller	Standard on Master Unit
Warranty	12 months
Radio linked traffic control remote	Optional
SMS Diagnostics Reporting	Optional
Vehicle Detectors	Optional
Spare wheel	Optional
Over ride & hand brake	Optional