

# PORTABLE TRAFFIC SIGNAL

ATS Portable Traffic Signal (PTS) utilises the latest in microprocessor and Radio Frequency (RF) technologies to provide a cutting edge product.

The PTS is a dual-trailer system of a Master and Slave trailer, which can be inter-connected together as a single unit for easy transport with a single vehicle. Set up of the system can be performed by one person and takes less than 10 minutes to transform from trailer to operating position.

The solar powered system is capable of running non-stop for more than a week under ideal conditions and is fitted with an in-built 240 Vac charging system, when conditions are unsuitable for maintaining the battery charge.

## FEATURES

### Portable Traffic Signals

- » Solar Powered with deep discharge battery
- » Built-in 240 Vac charging system
- » Single Lane Shuttle or Two Way crossing operation
- » Radio Link Master/Slave operation
- » Cable Linked remote control
- » All operational modes easily controlled from remote control
- » Secondary Lantern outputs for intersection control
- » Designed for RTA Equipment Specification No. PTS/3 for Portable Traffic Signals part A and B
- » Compliance with AS4191:1994
- » Menu driven, user friendly LCD and keyboard interface
- » Built-in fault log and warning on liquid crystal display
- » On-site configurable
- » IP45 trailer storage compartment
- » IP35 Signal Lanterns (IP65 optional)
- » U.V. stabilised components
- » Modular components

## CATALOGUE NO. DESCRIPTION

APTS-TMS	ATS Portable Traffic Signal Trailer Master & Slave
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### Modes of Operation

- » Vehicle actuated Shuttle Auto
- » Shuttle Manual
- » Fixed cycle Shuttle Timed
- » Manual Two-way Crossing
- » Yellow Warning Flash
- » All Red
- » Blank

### Microwave Detector

- » Typical range 35m
- » Detection width up to 2 lanes
- » Minimum detection speed of 8 km/h (adjustable to 4 km/h)

### Radio Communication Link

- » 900Mhz operating frequency
- » Channel Hopping
- » 1 km range

### Signal Lanterns

- » Meets all requirements of AS2144-2002
- » High luminous output
- » IP35 protection (IP65 optional)
- » Coloured lens in compliance with colour requirements of CIE/AS2144-2002
- » LED type with long term reliability and operational life

### Power Supply

- » 54W Solar Panel
- » 92 A hr 12V deep discharge sealed gel lead acid battery
- » 240 Vac 7A battery charging system

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