

DESIGNED BY



madison
Technologies

The Portable Traffic Light uses smart and innovative technology, making it safe and efficient for traffic controllers to operate.



Portable
Traffic Light

Creating safer temporary traffic control.

Portable Traffic Signal Unit (PTSU)

The Portable Traffic Light system can use one or two PTSUs, controlled by the HRC.

Each PTSU is built to withstand the rigors of a harsh outdoor environment and has been ergonomically designed for operator set up and dismantling.

Stability of the PTSUs are enhanced with extendable tripod legs, reducing the need for additional ballast in stronger winds or when the quick-fit target board is required.

Key features:

- Safety interlocks with 'all red' signal on faults
- 3 Modes: Gating/Shuttle/Plant Crossing
- Built in alarms: tilt, GPS, compass rotation
- Adjustable tripod legs to enhance stability in any terrain
- Hot-swappable 20Ah 12V LiFePO₄ battery & enclosure
- Designed in Australia*

Hand Remote Control (HRC)

The stylish lightweight Hand Remote Controller (HRC) has a low power LCD display to assist with easy operation of the Portable Traffic Signal Unit (PTSU).

Functions include power-on-self-test, pairing, operating mode, battery level, warnings, system information and signal phase selection.

Key features:

- 2.7" LCD screen
- Rechargeable lithium iron phosphate battery (LiFePO₄)
- Start up sequence and fault sensors
- Alarm log
- Backlight for nighttime operation

Physical characteristics

PTSU	HRC	Battery pack	Target Board (optional)	IP Ratings
LED light size: 200mm Height: 2.4m Footprint: Ø1.7m - 2.7m Total Weight: 23.5kg	Weight: 400 grams Size: 171x95x33mm Antenna: 130mm	Dimensions: 220x110x340mm Weight: 3.5kg	Dimensions: 1060x560mm Weight: 2.4kg	PTSU PCB enclosures: IP65 HRC: IP65 PTSU Battery charger: IP65

Ordering information.

Product Description	Part number	Contents
Portable Traffic Signal System – Dual	T PTLI-PTSS-01D	Portable Traffic Signal Unit T PTLI-PTSU-01 x 2, Tripod T PTLI-TRI-01 x 2, Hand-held Remote Controller T PTLI-HRC-01 x1 with cable leads, chargers and soft cases
Portable Traffic Signal System – Single	T PTLI-PTSS-01S	Portable Traffic Signal Unit T PTLI-PTSU-01 x 1, Tripod T PTLI-TRI-01 x 1, Hand-held Remote Controller T PTLI-HRC-01 x1 with cable lead, charger and soft cases
Target Board	T PTLI-TB-01	Target Board x 1
Target Board Bag	T PTLI-TBB	Target Board Bag x 1

*Designed to comply with MRTS264 specifications Queensland Department of Transport and Main Roads

