



## RTL AWWMS

### Advance Warning Variable Message Sign

Installation Package Option Available in Auckland

RTL's AWWMS is a compact, low profile design ideal for providing advance warning on high speed roads. It is fully compliant to NZTA Specifications and European Standard EN12966. The Mid Hinge Frame is stored in the folded position and raises up to 90° when in use. RTL AWWMS can be easily bolted onto the deck of a ute or trailer.



#### LED Advanced Warning Lights

Give advance warning to approaching road users. Compliant with EN12352:2006

#### LED Display Boards

Top & Bottom Boards with automatic and manual light adjustment.

#### Two AGM Batteries

Maintenance free batteries stored in a lockable box. Charge your AWWMS regularly for peak performance

#### 230v Mains Charger

Utilise the 230v Mains Charger to charge the batteries after use

#### Wireless Touch Screen Controller

Pre-programmed with approved symbols that can be loaded at the touch of a button

#### In-Cab Toggle Switch

Raise and lower the board via the in-cab toggle switch

#### Galvanised Steel Frame

Designed and engineered in New Zealand for New Zealand conditions

#### Electronic lifting

Robust Lifting system with no hydraulic oil maintenance

#### Lockable Control & Battery Boxes

Provides security and protection from theft

Installation & preventative maintenance plans available.

## Upgrades & Options

### ADD + Installation Package

RTL can install and commission the AWWMS onto the deck of your Ute or Trailer and an ongoing preventative maintenance plan for regular servicing. See next page.

Code: ESI100AWI



### ADD + DC2DC+ Battery Charger

40A Smart Battery Charger is a fully automatic multi-stage, multi-input battery charger with the ability to charge from the alternator when the engine is running.

Code: ETSC3DC40



### ADD + LED Strobes

LED strobes / beacons that are compliant to both SAE Class 1 and R65 Class 2 (see NZGTTM) with integrated light sensor.

## Package Options

### AWVMS Base Unit (Supply Only) includes:

RTL Code: ET AWMSC EZ3

- RGB LED Colour Panels
- LED Advanced Warning Lights
- Mid Hinge Frame
- LINAK Lifting System
- Wireless Touch Screen Tablet
- 230v 40A Charging System
- 2x AGM Batteries
- Heavy Duty Battery Box
- In-Cab Up/Down Switch + 5m cable
- Tablet Charger

#### Notes:

- LED Beacons sold separately
- Red / White Chevron sold separately

### ADD + RTL AWVMS Installation Package:

RTL Code: ESI100AWI

The RTL Electronics Team can install your AWVMS onto a ute or truck.

Package Includes:

- Installation to Vehicle Deck
- Installing Up/Down Switch
- Supply & Install two LED Beacons
- Installing Tablet in Cab + Wiring
- Testing & Commissioning
- Make and install Red / White Reflective Chevron on Tailgate

#### Notes:

- Installation is Ex RTL Auckland
- Additional charges may apply if deck reinforcing is required.
- Includes LED Beacons
- Includes Red / White Chevron

### ADD + DCDC Smart Charger for alternator charging

Adds ability to charge AWVMS Batteries from the alternator when the engine is running.



RTL Code: ETSC3DC40

## Technical Specifications

### Top Panel

- Panel size 1360mm x 1360mm
- Display area 1280mm x 1280mm
- 80 x 80 Pixels – 16mm pixel pitch
- Enclosure – IP56
- EN12966 -1: 2005 + A1: 2009 Compliant

### Bottom Panel

- Panel size 1360mm x 1616mm
- Display area 1280mm x 1536mm
- 96 x 80 Pixels – 16mm pixel pitch
- Image Display Area 1280mm x 1280mm
- Text Display Area 1280mm x 256mm, 16 x 80 Pixels
- Enclosure – IP56
- EN12966-1 : 2005 + A1 : 2009 Compliant

### Dimensions

- Deck footprint: 1.4m x 1.2m
- Stored: 1.5m x 1.9m x 2m
- Raised: 1.8m high x 1.4m

### Optical

- LED TILE - P16
- Classifications: C2, L3, B6, R2
- Luminance Control – 2 x Light Sensors for automatic control + Manual level control

### LED Advanced Warning Lights

- 340mm diameter amber light
- EN12352 Compliant

### Electrical

- 12V DC Supply

### Optimal Viewing Distance

- Minimum 55m
- Maximum 460m

### Light Goods Vehicle Requirements

- Tare Weight: 1.95 tonne
- Gross Weight: 2.75 tonne
- Vehicle Length: <5.25m
- Vehicle width (excl. mirrors): 1.91m



### Weight

- 430 kg (reduced from 600 kg)

## Online Support

Visit [www.rtl.co.nz](http://www.rtl.co.nz) for the latest version of this brochure.

Search AWVMS or scan the QR Code to view our [Product Tutorial & Resource Page](#).

## Require After Sales Assistance?

Please get in touch with us via our online [Book a Service Form](#) or contact 0800 785 744.

