



RTL AWMMS

Advance Warning Variable Message Sign

Installation Package Option Available in Auckland

RTL's AWMMS 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 AWMMS 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 AWMMS 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 AWMMS 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
- 8" 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 + Switch
- 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 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?

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