

ALDRIDGE

EMS

Electronic Message Signs



Proudly Designed and Manufactured by Aldridge Traffic Systems in Australia
From the Brand You Know and Trust for Over 40 Years

Electronic Signs



Proudly designed and manufactured in Australia by Aldridge Traffic Systems (ATS), our Electronic LED Signage (ELS) are built to withstand the harshest of environments. The units are weatherproof and low maintenance with ultimate power efficiency and designed for easy installation. The signs feature long-life, ultra-bright LEDs of superior quality and with automatic brightness adjustment and flicker-free technology. Our ELS signs are available with full matrix display area, capable of displaying more complex text, multiple speeds and graphics, as well as discrete character displays, typically used for single or dual speed variants but can also be used for multiple displays.

Each sign has a secondary battery backup. The cabinet housings are secure and lockable and include a facility key switch for Road Workers, Police and Emergency Services, meeting all communication security compliance standards.

ATS Electronic signs are designed to communicate via the most commonly used Vic Roads and TfNSW protocols. Our electronic signs are fully compliant with TfNSW and VicRoads regulations and are available in Australian standard types A, B, C sizes.

Aldridge Electronic LED Signs include:

- School Zones
- Variable Speed Limit Signs (VSL)
- No Right Turn / No Left Turn (NRT / NLT)
- Electronic Speed Limit Signs (ESLS)
- Variable Message Signs (VMS)
- Electronic Message Signs (EMS)
- Vehicle Activated Signs (VAS)
- Portable Activated Signs (VAS)



EMS

The Electronic Message Signs - EMS, are generally installed where high visibility is required or the message is required at certain times or hazardous conditions. The EMS is used to forewarn drivers in areas of unpredictable pedestrian situations, such as a Tram Stops, Train Stations, and Passenger Drop Off, and in high activity locations such as City Centres, Hospitals and Aged Care Facilities. These situations warrant a reduction of vehicle speed and increased driver awareness.

Manufactured in Australia by Aldridge, these signs are built to withstand harsh environments as required by Australian standards.

When activated the sign displays a single message or a Changeable Message Sign (CMS), e.g. a flashing 2 part message, such as: "GIVE WAY TO" *followed by* "ONCOMING TRAFFIC", or they can include a pictogram display, such as the tram image. The EMS sign display is available in Full Dot Matrix or Discrete Characters.



Applications

- School Zones
- Shopping Strips
- Entertainment Zones
- Aged Care Facilities
- Hospitals
- Areas of High Pedestrian Activities
- Level Crossings
- Tram and Bus Stops
- City & Town Centres
- Airports
- City Approach Roads
- Major Road Works

The ATS signs are manufactured as per AS5156 Standards and are designed to communicate via the most commonly used RTA protocols.

ATS electronic signs use a high intensity white or amber LED display. Utilising the latest electronic hardware and software technology, the sign displays flicker-free, bright, clear and concise messages, which can be customised according to the customer's requirements.

The following illustrations show just some of the message signs that ATS offer. Contact our sales team to discuss your specific Electronic Message Sign requirements.

EMS

The following signs are just a snapshot on offer. The EMS can be made to special order and sizes. Contact our sales team to discuss your specific message requirements.



**Give Way To
Pedestrians**
545 x 545



**Give Way To
Buses**
545 x 545



**Give Way To
Trams**
545 x 545



**Don't Cross
Now**
545 x 545



**Turn Right
With Care**
545 x 545



Obey Signals
545 x 545



**Watch For
Bicycles**
545 x 545



Hook Turn
650 x 800



**Give Way
To Trams**
810 x 710

ELECTRONIC MESSAGE SIGNS



**Buses
Excepted**
1000 x 600



**Give Way To
Passengers**
1000 x 600



**Keep Tracks
Clear**
1000 x 600



**Flash - Give Way
To Oncoming
Traffic**
1000 x 600



3 Part Changeable Message Sign
No Entry
Ramp Signals On
Freeway Closed
Special Order



Roundabout Operating
Special Order
1100 x 490

SIZES AND INFORMATION

EMS Features:

- Full dot matrix or discrete display
- High brightness white/amber LED display
- Approaching vehicle detection (optional)
- Automatic ambient light sense dimming
- Communication protocol in accordance with RTA TSI-SP-003
- Time based schedule display function
- Lockable matt black cabinet housing as standard. (Also available in other colours upon request).
- Sign dimensions: **Variable**
- Sign message: **Variable**
- Designed in compliance to latest Australian Standards

Specifications	Dot Matrix Display	Discrete Character Display
Display Configuration	40 across x 24 down	–
LED Size	5mm	3mm
Display Size	Variable	Variable
Cabinet Enclosure Dimensions	H 545 x W 545 x D 155mm Size A	H 540 x W 540 x D 155mm Size A
	H 1000 x W 600 x D 155mm	H 1000 x W 600 x D 155mm
	H 710 x W 810 x D 155mm	H 710 x W 810 x D 155mm
	H 800 x W 650 x D 155mm	H 800 x W 650 x D 155mm
Cabinet	Secure Lockable	Secure Lockable
Power	240V AC/12V DC	240V AC/12V DC
Solar Power	AS4509.2, 4086.1, 4086.2 Compliant	AS4509.2, 4086.1, 4086.2 Compliant
Secondary Battery Backup	Complies with AS4086.2	Complies with AS4086.2
LED Colours	White (Information Display) Amber (Information Display)	White (Information Display) Amber (Information Display)



ELECTRONIC MESSAGE SIGNS



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