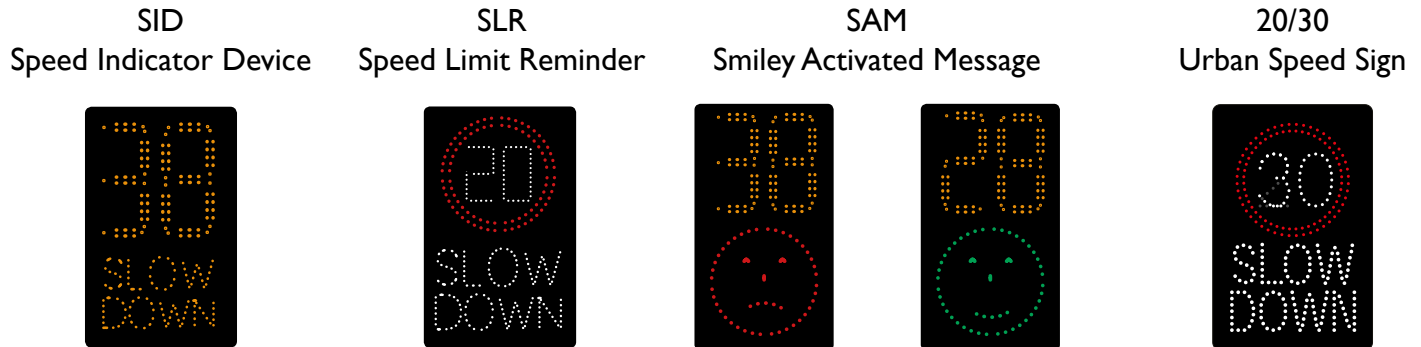


As road usage continues to increase it is acknowledged that speeding motorists are a danger on the roads and to communities. Prompting drivers when exceeding the speed limit, or highlighting the legal limit of a given area are both proven methods of speed reduction.

To maintain their energy-efficient quality, all Messagemaker Displays VAS units are fitted with light readers to auto-dim the LED's during night-time use. Adding to this, the SMD LED technology ensures minimum light pollution and targets the light so that only oncoming motorists can view. All of the below sign types are energy efficient, weatherproof, durable and effective solutions in speed reduction. For all questions and enquiries please contact your account manager or call us on 01737 774747.



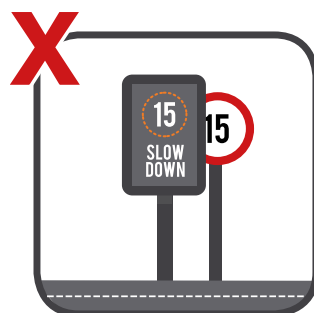
Technical Information		SID	SLR	SAM	URBAN
Digit/ Roundel Size		300mm Digit Height	300mm Roundel Size	300mm Digit Height	300mm Digit Height
Enclosure Dimensions (h x w x d)		660mm x 430mm x 150mm	660mm x 430mm x 150mm	660mm x 430mm x 150mm	660mm x 430mm x 150mm
Trigger Speeds		5 - 65MPH	5 - 65MPH	5 - 65MPH	5 - 65MPH
Display On Time		0.5 - 7.5 seconds	0.5 - 7.5 seconds	0.5 - 7.5 seconds	0.5 - 7.5 seconds
Weight Without Batteries		8Kg	8Kg	8Kg	8Kg
Rechargeable Batteries		12V - 22Ahr (Max 2)	12V - 22Ahr (Max 2)	12V - 22Ahr (Max 2)	12V - 22Ahr (Max 2)
Typical Operating Duration (battery powered models)	1 Battery	45,000 triggers	45,000 triggers	45,000 triggers	45,000 triggers
	2 Batteries	90,000 triggers	90,000 triggers	90,000 triggers	90,000 triggers

*Important Note: Messagemaker Displays and Stocksigns Ltd recommend the SAM sign is not used on the public highway, it is designed for use on private roads. Please check with your local authority for guidance*

## POSITIONING GUIDE



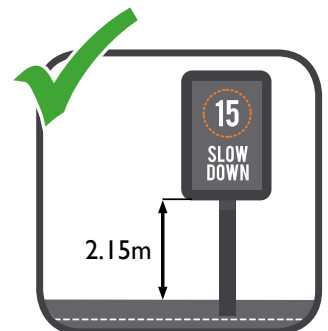
Avoid placing underneath overhanging trees/hedges, especially if using solar panels



Do not obstruct any pre-existing road traffic signs



Must be clearly visible to approaching traffic, preferably on a clear, straight road



2.15m minimum air space between the base of the sign and the ground

# POWER OPTIONS GUIDE

## Mains Power



### Benefits

- Low maintenance
- Secure and permanent

### Included

- Mains power supply unit (pre-installed)
- Mounting plate
- 2 x 76mm post clips

## Battery Power



### Benefits

- Quick to install
- Easy to relocate

### Included

- 1 x 12V 22Ah rechargeable battery
- 1 x battery charger
- 1 x Mounting plate
- 2 x 76mm post clips

## Solar Power



### Benefits

- No battery changes required
- Eco-friendly way to power

### Included

- 80 watt solar panel
- Custom post mounting kit
- 2 x 76mm post clips
- Charger controller
- 2 x rechargeable batteries

# OPTIONAL EXTRAS GUIDE

## Spare Batteries, Chargers & Mounting Plates



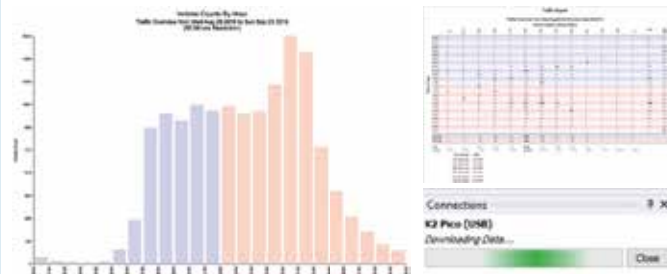
### Spare Batteries and Charger

- One sign can have 2 batteries in the unit to double the operating lifetime to 90,000 triggers.
- Multiple batteries and an additional charger can be used for seamless and instant battery changes by always having a battery/batteries on charge whilst others are being used.

### Mounting Plates

- For instances where the sign will be trialled or used in various locations, an additional mounting plate can be permanently fixed to a post(s) to enable easily re-location of the sign.

## Data Capture & 4G Modem Upgrade



### Data Capture

Although the data cannot be used to prosecute speeding motorists, collecting and evaluating traffic data on your road will be an invaluable tool to put in place new traffic calming measures.

### The Data Capture function on the sign will record;

- The speed of every motorist driving past your sign
- Date and time of each record

### The desktop software supplied will;

- Convert the data into usable graphs and tables in PDF and excel formats
- Summarise your data into percentiles

**Optional 4G Modem Upgrade:** Allows remote access for data download, trigger speed changes and scheduling options.

# ABOUT MESSAGEMAKER DISPLAYS

Providing LED solutions for over 25 years

**Messagemaker Displays is one of the UK's leading suppliers of LED signage solutions, specialising in energy-efficient traffic management signage.**

The diverse range of road safety signs includes both fixed and mobile VMS along with a host of vehicle-activated speed signs.

A partnership with Messagemaker Displays is based around collaboration, flexibility, and innovation to ensure the best possible outcome is achieved.

Under our parent company, Stocksigns Ltd, Messagemaker Displays operates and is certified to ISO9001 and are qualified Gold Members of Constructionline, Achilles BuildingConfidence Advanced and more.



All of our products are manufactured to ISO 9001, EMC, UKCA and ROHS accreditation requirements so you can rest assured that all of our products are supplied to the highest standard.



## Visit Us

43 Ormside Way  
Holmethorpe Industrial Estate  
Redhill  
Surrey  
RH1 2LG

## Call Us

01737 774747

## Email Us

[sales@messagemaker.co.uk](mailto:sales@messagemaker.co.uk)



## Come and see our products for yourself

In 2021 our brilliant team transformed some empty space at our Surrey headquarters into a stunning Demo Room, displaying our most popular LED traffic signs and displays along with 2 meetings areas.

Here you are able to see working models of;

- Vehicle Activated Speed Signs (SID, SAM AND SLR)
- Vehicle Activated Warning Sign
- Adaptive Speed Limit Reminder
- Urban Speed Limit Repeater
- LED Message Displays
- Variable Message Signs (VMS)
- Lane Control Sign
- MSI for Highways
- AMI for Highways

