


**SID Vehicle
Activated
Speed Sign**



Messagemaker Displays SID Vehicle Activated Speed Sign User Guide

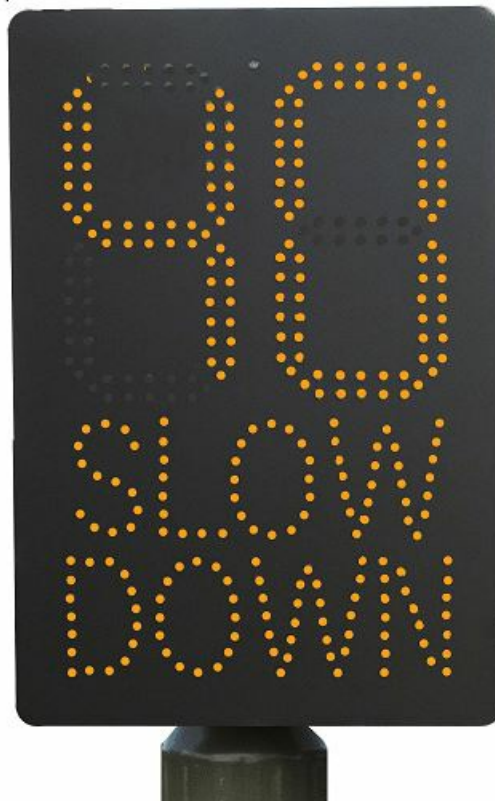
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Messagemaker Displays SID Vehicle Activated Speed Sign



Product Information

Specifications

- **SID**

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

- **SLR**

- Same specifications as SID

- **SAM**

- Same specifications as SID

- **URBAN**

- Same specifications as SID

Product Usage Instructions

Positioning Guide

- Ensure a minimum air space of 2.15m between the base of the sign and the ground.
- Avoid placing underneath overhanging trees/hedges, especially if using solar panels.

- Do not obstruct any pre-existing road traffic signs.
- Must be visible to approaching traffic, preferably on a clear, straight road.

Power Options Guide

- Mains Power
- Battery Power
- Solar Power

Optional Extras Guide

- Spare Batteries, Chargers & Mounting Plates
- Data Capture & 4G Modem Upgrade

FAQ

Can the SAM sign be used on the public highway?

Messagemaker Displays and Stocksigns Ltd recommend that the SAM sign is not used on the public highway; it is designed for use on public roads. Please check with your local authority for guidance.

Contact us for more information:

- **Email:** sales@messagemaker.co.uk
- **Phone:** 01737 774747
- **Address:** Messagemaker Displays Ltd, 43 Ormside Way, Redhill,
Surrey RH1 2LG
- www.messagemaker.co.uk

INTRODUCTION

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 LEDs during nighttime 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 inquiries please contact your account manager or call us at 01737 774747.

SPECIFICATION

SID
Speed Indicator Device



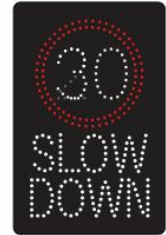
SLR
Speed Limit Reminder



SAM
Smiley Activated Message



20/30
Urban Speed Sign



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 public roads.
Please check with your local authority for guidance

POSITIONING GUIDE

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



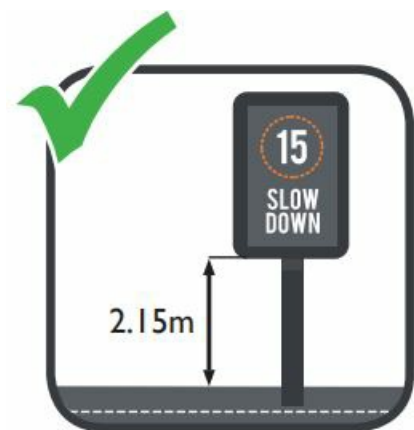
- Do not obstruct any pre-existing road traffic signs.



- Must be 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 22Ahr rechargeable battery
- 1 x battery charger
- 1 x Mounting plate
- 2 x 76mm post clips

Solar Power



- **Benefits**

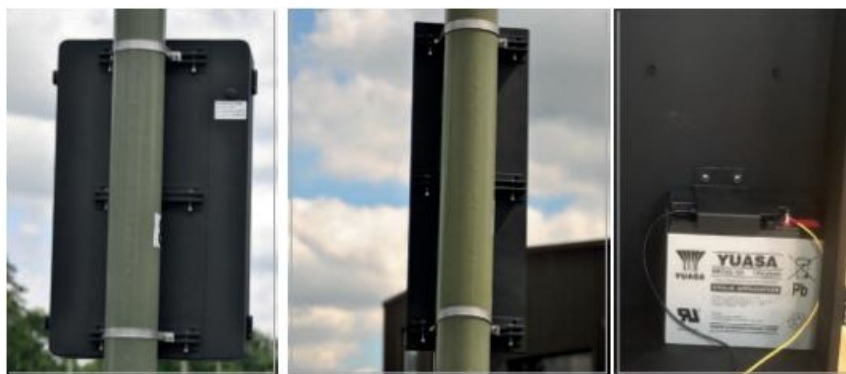
- No battery changes required
- Eco-friendly way to power

- **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



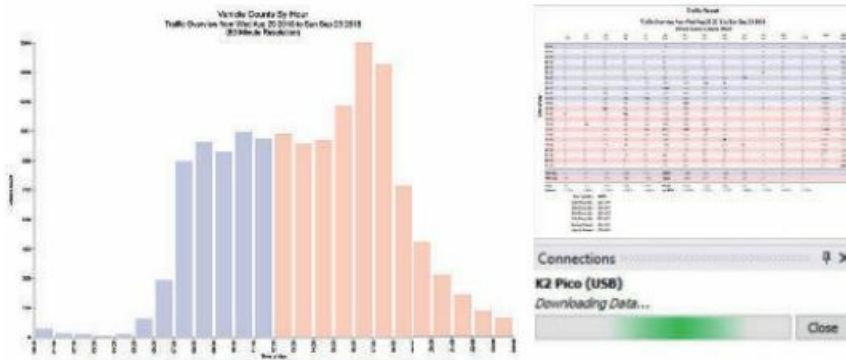
- **Spare Batteries and Charger**

- 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 trialed or used in various locations, an additional mounting plate can be permanently fixed to a post(s) to enable easy 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, specializing 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 on 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, UKC, A, and ROHS accreditation requirements so you can rest assured that all of our products are supplied to the highest standard.

Come and see our products for yourself.

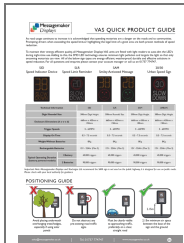
In 2021 our brilliant team transformed some space at our Surrey headquarters into a stunning Demo Room, displaying our most popular LED traffic signs and displays along with 2 meeting areas. Here you can see working models of;

- 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
- MS1 for Highways
- AMI for Highways

ABOUT COMPANY

- **Visit Us**
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- **Email Us** sales@messagemaker.co.uk

Documents / Resources



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 SID Vehicle Activated Speed Sign, Vehicle Activated Speed Sign, Activated Speed Sign, Speed Sign

References

- [LED Highways Signs | Messagemaker Displays](#)
- [User Manual](#)

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