



Quick Start Guide.



**Intelligent Traffic
Safety and Smart
City Solutions.**

Westcotec thrive on innovation, relishing the challenge of bringing new approaches to old problems.

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Quick Start Steps.



CHARGE BATTERY



PREPARE FOR INSTALLATION



INSTALL YOUR SIGN



ACTIVATE YOUR SIGN

1. Upon unboxing and removing all items, please begin by **charging one of the batteries** using the supplied charger.
2. Ensure the battery is **fully charged** before proceeding with deployment.
3. Once the battery is charged, you may commence the installation of your sign. You will require the **post bracket, Tamtorque clips, Tamtorque bit, and either a drill or screwdriver** for the bit.
4. To ensure correct mounting height, we recommend using a tape measure:
 - A minimum clearance of **2.1 meters** is required if the sign is installed on a footpath.
 - A minimum clearance of **2.3 meters** is required if the sign is installed over a cycle path.
 - There is no legal height requirement when mounted above a verge, but it is advisable not to install the sign below **1.5 meters**.
5. Please refer to the **Portable Sign Installation Guide** for detailed instructions on mounting your sign and solar panel (if purchased) onto a pole.
6. Once the sign is mounted, **insert the battery and connect the plug.**
7. Prior to switching on the sign, ensure the internal rotary switch is set to the **correct activation speed** (refer to the speed setting table inside the sign).
8. For units without an internal switch that are connected to Westconnect, please refer to our **Westconnect Tutorial Video**.
9. You are now ready to **switch on** your sign.
10. If Bluetooth data collection has been purchased, please consult the **Data Collection User Manual**.

Speed Indicator Device.



POWER TOGGLE SWITCH - SWITCHES SIGN ON/OFF

ROTARY SPEED ADJUSTMENT SWITCH - TOGGLES BETWEEN SPEED SETTINGS

RS232 INTERFACE - FOR USE WITH CABLE DATA OPTION

SPEED SETTING TOGGLE - THIS TOGGLES BETWEEN THE PRE-SET VIOLATOR SPEED SETTINGS

BATTERY VOLTAGE TEST BUTTON + DISPLAY

When the sign is switched ON, the user can push the button to discover the battery Voltage. When connecting a new battery, it MUST be above 12.6V for the sign to work.

OPERATION

The SID is set up using the Speed Setting Toggle. By pressing either the + or – buttons on the 7-position switch, the operating speed threshold can be adjusted in 5mph increments. Please see table overleaf for the default factory settings.

As the Operating Speed Threshold is changed, both the Upper and Lower speed thresholds are altered to correspond to the selected setting. This allows the device to remain relevant to traffic in whatever situation it is deployed, preventing unnecessary activation.

Default Factory Setting Threshold Table.

Counter Position	Lower Display Threshold	Speed Threshold (Speed Limit)	Upper Display Threshold
0	17	20	30
1	22	25	35
2	27	30	40
3	32	35	45
4	37	40	50
5	42	45	55
6	47	50	60
7	52	55	65

SPEED DISPLAY ON, GREEN SPEED DISPLAY, SMILEY FACE ILLUMINATED, THANK YOU ILLUMINATED*

SPEED DISPLAY FLASHES, RED SPEED DISPLAY, ANGRY FACE ILLUMINATED, SLOW DOWN ILLUMINATED*

SPEED DISPLAY OFF, ANGRY FACE ONLY, SLOW DOWN ONLY*

*Messages shown depend on sign specification

PLEASE NOTE

Portable battery powered signs are fitted with a Low Voltage Disconnect (LVD) to protect the battery from an unrecoverable low discharge.

Minimum battery voltage required to overcome LVD: **12.6V**

Voltage at which LVD cuts in to disengage sign: **11.6V**

STORAGE INSTRUCTIONS

Please ensure that batteries are not stored on cold floors, as battery life can be affected, and irreparable damage caused.

If relocating, moving, or storing a sign that is wet and/or damp, ensure that it is stood up in with the bottom of the sign facing down. Transporting or storing in a flat position when wet may lead to water damage.