



## GSM SIGNAL STRENGTH TESTER

Standalone device determines the signal strength of cellular signals on sites.

### QUICK AND EASY TO USE

### LED INDICATORS ENSURE EASE OF USE

### OPTIONAL ANTENNA AND CHARGER

- Ideal tool for aiding GSM/GPRS modem installation
- Small, lightweight and simple to operate
- Suitable for use with most networks (alternative version available for use in the United States)
- Test with actual SIM and antenna for complete installation confidence
- Multi coloured LEDs to determine different functions
- Automatic power down function to prolong charge life
- Lithium Ion Polymer Cell
- Self test function
- 240v mains or 12v cigarette power lead charge option

The ASLH350 Signal Strength Tester has been developed as a result of numerous requests from our customers. The device is small, lightweight, and simple to operate.

Once the battery has been charged the signal strength of the local cellular phone site(s) is determined by pressing the push button on the unit. The tester will respond by conducting a self test. This causes all the LEDs on the front panel to flash twice in unison, except for the first **Red Registration LED** which remains off.

This is followed by all the LEDs extinguishing, except for the last **Green LED** which stays on for a fraction of a second longer. This is now extinguished and the three **Yellow LEDs** and the first **Green LED** flash sequentially three times. The unit then displays the status of the local cellular site(s) as follows.

The first **Red LED** (furthermost from the push button switch) is the network registration LED. This LED will glow whilst the unit is registering and then will flash once the tester registers on the network. The second **Red LED** will remain on to indicate that the tester is working and able to detect the presence of a cell site.

Future revisions of tester firmware will enable the unit to detect two or more cellular sites in which case this LED will flash. The next 9 LED's are the signal strength indicator LEDs.

These equate to the network signal strength as follows:

**LED 3 (Red)** on = signal quality of 6–7

**LED 4 (Red)** on = signal quality of 8–9

**LED 5 (Red)** on = signal quality of 10–11

**LED 6 (Yellow)** on = signal quality of 12–13

**LED 7 (Yellow)** on = signal quality of 14–15

**LED 8 (Yellow)** on = signal quality of 16–17

**LED 9 (Green)** on = signal quality of 18–19

**LED 10 (Green)** on = signal quality of 20–21

**LED 11 (Green)** on = signal quality of 22+

All LEDs will extinguish if signal strength is greater than 31 which is indicative of a problem with the cellular network.

The press button is to power the unit on or off. Additionally the unit powers down automatically after approximately 5 minutes use to conserve the battery life.

The socket on the front bezel of the tester is to allow the connection of a battery charger unit. This must be capable of providing 100 mA at 7–15 Volts DC. Once charged the battery will have a life of approximately 3 working days (constant use), or more than a working week based on 3 or 4 site visits per day.

# SPECIFICATION

<b>Size</b>	W 60mm L 65mm D 24mm
<b>Weight</b>	73g (excluding antenna)
<b>Additional equipment required</b>	Battery Charger Subscriber Identity Module (SIM card) Antenna

ASLH's policy is to upgrade and improve its products. The right is reserved to change these specifications without notice. ASLH350 May/12

