



POWERFUL GSM NETWORK SIGNAL ANALYSER – QUAD BAND GSM SIGNAL ANALYSER

A handheld instrument powered by internal rechargeable lithium cells for GSM site surveys and installation engineers.

This new Analyser performs an on-air cell survey, interrogating all cells it finds to identify the network and signal strength. It does this via its own antenna so the user can roam to find a good location, or via any antenna connected to the analyser's SMA connector so testing can be done from an installed antenna.

Cell analysis is network independent – no SIM card is required.

Once it completes a survey it displays the strongest signal strength in dBm and network name for each network found on the built in liquid crystal display*. The membrane keypad allows scrolling through the results, and easy selection of test criteria via a simple menu structure.

LEDs show the unit's charge status, network status and test progress.

The analyser can also display the standard signal strength from installed GSM modems by connection through a serial port, allowing complete modem-SIMantenna testing in situ.

The network list that the analyser searches for can be customised to the country where testing is performed, and limited to selected networks only. The analyser is connected to a PC via the built in serial port and the optional configuration tool is used to control the search criteria. This also allows test results to be logged to the PC, and other user specific configuration.

The ASLH359 uses an internal microprocessor and ASLH's proprietary GSM technology to provide unrivalled functionality in a handheld tester.

The Analyser is powered by internal rechargeable lithium cells, charged via the inbuilt intelligent charge circuitry.

The ASLH359 can be charged from a vehicle cigarette lighter socket or any ASLH approved power source.

ROBUST DESIGN

POWERFUL FLEXIBLE GSM CELL ANALYSIS

QUAD BAND WORLDWIDE GSM TECHNOLOGY

IDEAL GSM/GPRS INSTALLATION OPTIMISER

NO SIM CARD REQUIRED

- User and Country specific configuration
- Log results to PC
- Easy to use with Sealed Membrane Keypad
- 4 line Liquid Crystal Display
- User friendly Menu Operation
- Splash proof enclosure
- Powered by internal lithium batteries and internal intelligent charger.

SPECIFICATION

Network compatibility	Quad band for use on GSM and GPRS worldwide networks at 850/900/1800/1900 MHz
SIM card	Not required
Power supply	Powered from internal rechargeable lithium polymer batteries, recharged from any ASLH approved 11-18V source including vehicle cigar lighter sockets
Enclosure size	220 x 130 x 52 mm
Weight	483 grams (excluding cables)
Environmental conditions	0 to +55°C operating; -30 to +70°C storage. Humidity 0-95% non-condensing
Antenna connector	SMA jack. Unit supplied with antenna if required
Data port	RS232 asynchronous serial port for PC configuration and logging, or test via installed GSM modem
Approvals	The product conforms to: 3GPP TS 51.010-1, EN60950, R&TTE Directive, EMC Directive, Low Voltage Directive and all appropriate worldwide specifications.

ASLH's policy is to upgrade and improve its products. The right is reserved to change these specifications without notice. ASLH359 May/12

*Disclaimer: The signal strength shown is for illustrative purposes only.

Reference: O2 - Telefonica O2 UK Ltd, Orange - France Telecom, T-Mob - Deutsche Telekom, Voda - Vodafone.

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