



Preliminary Information Only

LAN-Phone 811 series

The New Generation of weatherproof Hands-Free LAN Telephones



- **Weatherproof**
- **Hands-free and central battery operation (Hot-line)**
- **Pseudo-Full-Duplex communication**
- **Long telephone line capability**
- **Extremely rugged construction**
- **Increased safety**
- **Highly reliable operation and low cost of ownership**
- **Optional WayTest software for reporting of faults (self-test)**

Key Information

The LP 811 series is an advanced concept hands-free telephone combining superb acoustic reproduction from the latest

Dimensions 310/240/145 mm, providing IP65 minimum protection to the electronics
The enclosure has four 6.5mm fixing holes

<p>electronic technology within a heavy-duty vandal resistant enclosure. The LP 811 series enclosure is also sealed to provide water resistance for external use in hostile environments.</p> <p>The LP 811 external case is manufactured from brushed stainless steel of approximate</p>	<p>on its rear for secure wall mounting. Brackets are supplied for 100mm post mounting.</p> <p>Associated with WayTest software, the LP811 performs an automatic test of its primary functions and digitally reports to a remote computer.</p>
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Applications

Roads · Tunnels · Railways · Airports

<p><u>Input/Output Connection</u> All connections to the unit are made via optional sealed glands on the underside of the case</p> <p><u>Push Button</u> The mechanical push button is non-latching and is vandal and water jet (IP65) resistant.</p> <p><u>Microphone</u> A highly reliable IP65 dynamic microphone is used with vandal resistant protection with metallic grille.</p> <p><u>Loudspeaker</u> A highly reliable IP65 electromagnetic loudspeaker is used with vandal resistant protection by metallic grille.</p> <p><u>Electrical Safety</u> Included in the unit are the electrical connections to earth, that ensure the safety of the calling party when touching the enclosure, fascia etc.</p>	<p><u>Electronic Circuitry & Components</u> Every component has been carefully chosen and subsequently evaluated. The telecommunication components mounted on the PCB are the latest technology. To minimize component count and hence increase the reliability of the telephone integrated circuits, mainly CMOS and surface mounted are used wherever possible. Some standard integrated circuits and some specific telephony integrated circuits are used.</p> <p><u>Extra Features</u></p> <ul style="list-style-type: none"> • Factory adjustable automatic on-hook timer • Vandal protected loudspeaker and microphone • Wall mounting with four M6 holes • U-Bolt fixing to 100mm post (parts supplied) • Custom front label
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General Specification	
Enclosure Material / Finish	Powder coated (mild steel/stainless steel/aluminium)
Dimensions (mm)	310x240x145
Weight (kg)	6
Temperature Range	From -20°C to +50°C
Relative Humidity	To 95% (non-condensing)
Degree of Protection	IP 65 (typical)
Cable Entries	Single cable entry for sealed M20 gland
Power Supply	Drawn from the telephone line
Loudspeaker Output	90dBA at 30cm (with 40mA current)
Nominal Line Voltage	48v DC ($\pm 20\%$) with line current = 20 mA minimum
Line Impedance	600 ohms
Audible Caller	Piezo electric sounder
Ringling Tone SPL	80dBA at 1m with 75v vac rms, 25Hz ringling voltage