

Weatherproof Hands-Free Telephone



- **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 81101 is an advanced concept hands-free telephone combining superb acoustic reproduction from the latest electronic technology within a heavy duty vandal resistant enclosure. The LP 81101 enclosure is also sealed to provide water resistance for external use in hostile environments.

The LP 81101 external case is manufactured from brushed stainless steel of approximate

Dimensions ///, providing IP65 minimum protection to the electronics
The enclosure has four 6.5mm fixing holes on its rear for secure wall mounting. Brackets are supplied for 100mm post mounting.

Associated with WayTest software, the LP 81101 performs an automatic test of its primary functions and digitally reports to a remote computer.

Input/Output Connection

All connections to the unit are made via optional sealed glands on the underside of the case.

Push Button

The mechanical push button is non-latching and is vandal and water jet (IP65) resistant.

Microphone

A highly reliable IP65 dynamic microphone is used with vandal resistant protection with metallic grille.

Loudspeaker

A highly reliable IP65 electromagnetic loudspeaker is used with vandal resistant protection by metallic grille.

Electrical Safety

Included in the unit are the electrical connections to earth, that ensure the safety of the calling party when touching the enclosure, fascia etc.

Electronic Cirtcuitry & Components

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.

Extra Features

- 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