



Intrinsically-Safe Bluetooth Headset Ex-BT 300



Actual size

Bluetooth

Bluetooth is a powerful new open standard technology for wireless communication between desktop and laptop computers, PDAs, mobile phones, printers, scanners, digital cameras and even household appliances. This technology enables transmission of voice and data over short distances – namely through a globally available frequency band that guarantees worldwide compatibility.

The standard works by wireless in the license-free 2.4 GHz band and so, unlike infrared, does not need a line-of-sight connection between the devices. The range is usually up to 10 meters (Pico-Bluetooth), for which a maximum of only 1 mW of transmitting power suffices. The required hardware is very compact – the chip measures just 9 mm – and uses little power, ideal conditions for PDAs and mobile phones.

Features

- Highly sensitive directional microphone for clear voice transmission.
- The detachable receiver offers high wearing comfort and excellent reception since it adjusts perfectly to the ear.
- The ergonomically designed flexible ear clip fits comfortably and safely on the right or left ear.
- A multifunction button allows easy answering, ending and holding of calls as well as activation of the voice dial function of your mobile phone.
- Easy adjustment of the desired volume through integrated controls
- On/off switch on the inside of the device
- LED display for call status and battery capacity

The headset Ex-BT 300 – powerful technology for reliable wireless communication.

The Bluetooth Headset Ex-BT 300 is ideal for all users who need room to move or do not want cables to hinder them in their freedom of movement or when working in Ex-hazardous areas, but still expect excellent speech quality. The Ex-BT 300 can be linked by the Bluetooth connection to a mobile telephone up to 10 m away. The practical ergonomic design of the Ex-BT 300 offers first-class wearing comfort even on long phone calls.

Ex-data:

Ex designation:

Ⓜ II 2 G EEx ia IICT4

EC-Certificate of conformity:

ZELM 03 ATEX 0152 X

Scope of supply:

- Ex-BT 300
- charger LG Ex-BT 300

Technical data:

Compatibility:	Bluetooth 1.1 A list of the currently compatible mobile phones can be obtained at the following Internet address: http://www.gnnetcom.de (Please note that not all compatible mobile phones can be used in Ex-hazardous areas.)
Range:	10 m to the mobile telephone
Ambient temperature T _a :	-10°C ... +50°C
Storage temperature:	-10°C ... +60°C
Power supply:	internal Ex-battery pack
Duration of operation:	approx. 4 hours (continuous operation) approx. 150 hours (stand-by)
Dimensions:	105 x 26 x 16 mm
Weight:	approx. 26g