PTCarPhone One Vehicle Communication System

The fixed LTE communication solution with hands-free function, excellent audio quality and perfect reception.

Article Number

01 6609 00710051

Characteristics

- LTE with multi-antenna technology (MIMO) and VoLTE support
- Extensive range of accessories
- Excellent telephony and audio quality
- Optimum reception thanks to various connections for external antennas
- Stand-alone system with SIM card holder (mini SIM card, 2FF)
- Detachable handset for discreet phone calls
- Individually adjustable restrictions
- Programming interfaces: AT commands via USB, RS-232, SMS or MQTT
- Remote configuration via the Bridge online platform

Scope of delivery

- LTE electronics box (EU networks)
- Handset with support
- Loudspeaker (8 Ohm)
- Handsfree microphone
- Extension cable for handset (2.5 m)
- Connection cable set: power supply, ignition detection and radio mute output
- Quick and installation guide (multilingual)

Options

- PTVoiceBox 4G - Module for voice and data transmission (6609-006-104-51)

Application range

- Industrial vehicles and fleets
- Transport and logistics
- Construction, forestry and agricultural vehicles
- Stationary applications, including cabins and emergency call points

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Accessories

- ME16 hands-free microphone (6922-001-002-51)
- KL18 small loudspeaker (6601-011-000-51)
- Headset adapter incl. headset (6609-002-000-51)
- ME251 Gooseneck microphone (6908-005-002-51)
- Extension cable for handset 2.5 m (6098-260-005-51)
- Extension cable for handset 5.0 m (6098-260-007-51)

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Specifications

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Technology	LTE, UMTS, GSM
Nets	LTE: B1(2100), B3(1800), B7(2600), B8(900), B20(800), B28A(700) UMTS: B1(2100), B3(1800), B8(900) GSM: B3(1800), B8(900)
USB connection	PTCarPhone as an LTE modem
Display	2.4-inch colour display, 240 x 320 pixels, 166 DPI, 16-bit colour depth (high colour)
Contact memory	Integrated phone book memory for up to 5,000 contacts with 3 phone numbers each (business, private and mobile)
Menu languages	Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Romanian, Spanish, Swedish
Storage temperature	-30 °C to +80 °C
Operating temperature	-20 °C to +70 °C
Power supply	Operating voltage 10 V to 32 V (Ideal for cars and lorries)

Dimensions and cable lengths

Electronics box	Length 133 mm, Width 96 mm (72 mm without retaining tabs), height 25 mm
Handset	Length 167 mm, width 51 mm, Height 44 mm (30 mm without support)
Speaker (8 Ohm) (dimensions with mounting bracket)	Length 74.5 mm, width 77.25 mm, height 40.5 mm, cable length 3.0 m
Hands-free microphone	Length 44 mm, width 22 mm, height 14 mm, Cable length 3.0 m
Extension cable for handset	Length 2.5 m
Cable set	Length 2.0 m

Connections

Electronics box and cable set	- LTE antenna connection (SMA, 2x) - SIM card slot (mini SIM card, 2FF) - Connection for a handset (IF1) - Connection for optional headset adapter (IF2) - USB port (mini-USB) - Connection for hands-free microphone - Cable set connection - Loudspeaker connection
Connections to the vehicle	Permanent positive, ignition, vehicle ground, radio mute

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