

PTCarPhone 6 EU Vehicle Communication System

The LTE Car Phone with GPS, Wi-Fi Hotspot, and telematics features for fixed installation

Article Number

6609-006-100-51

Characteristics

- LTE with multi-antenna (MIMO) technology and VoLTE support
- Wi-Fi hotspot
- Integrated GPS module
- Extensive Range of Accessories
- Excellent telephony and audio quality
- Optimal reception through various connections for external antennas
- Stand-alone system with SIM card holder (Mini SIM 2FF)
- Removable handset for discreet phone calls
- 6 digital I/O ports
- Individually adjustable restrictions
- Programming interfaces: AT commands via USB, RS-232, SMS or MQTT
- Remote configuration via the online platform [Bridge](#)

Scope of delivery

- LTE electronics box with GPS + Wi-Fi (Europe)
- Handset with cradle
- Speaker (8 Ohms)
- Hands-free microphone
- 2.5 m extension cord for the handset
- Cable set
- Quick reference guide and installation instructions (multilingual)

Options

- [PTVoiceBox 4G – Module for voice and data transmission \(6609-006-104-51\)](#)
- Software Feature "Hidden Emergency Call" (6999-012-000-00)
- Software Feature "Automatic Redialling" (6999-013-000-00)



Application range

- Company Cars and Fleets
- Safety and Emergency Services
- Transport and Logistics
- Taxis and Buses
- Car Rental Agencies
- Limousine Services
- Boats and vessels
- Agricultura, construction and forestry machinery
- Campers, caravans and outdoor equipment
- Fixed application, like for example cabins, roadside emergency phones
- Waste management

Accessories

- [HA59 as second handset \(package\) \(6508-006-100-51\)](#)
- [ME16 hands-free microphone \(6922-001-002-51\)](#)
- [KL18 loudspeaker \(6601-011-000-51\)](#)
- [Headset adapter cable with headset \(6609-002-000-51\)](#)
- [TF1 PTT button with gooseneck \(6703-007-000-51\)](#)
- [ME251 gooseneck microphone \(6908-005-002-51\)](#)
- [2.5 m extension cable for the HA59 handset \(6098-260-005-51\)](#)
- [5.0 m extension cable for the HA59 handset \(6098-260-007-51\)](#)
- [I/O cable kit \(6708-004-000-00\)](#)

Specifications

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Technology	LTE, UMTS, GSM, Wi-Fi, GPS
Networks	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)
Wi-Fi	Wi-Fi 5 (802.11ac); 2,4 Ghz and 5 Ghz
USB Port	PTCarPhone as LTE-Modem
Display	2.4 inch color display, 240 x 320 pixels, 166 dpi, 16-bit color depth (High Color)
Phone Book Memory	Integrated memory for up to 5.000 contacts 3 numbers each (business, private, mobile)
Languages	German, English, French, Spanish, Italian, Dutch, Swedish, Finnish, Romanian, Norwegian, Polish
Storage temperature	-30° C to +80° C
Operating temperature	-20° C to +70° C
Power Supply	Operating voltage: 10 V to 32 V (Perfect for passenger cars and trucks)
Virtual Ignition	Perfect for vehicles without ignition cable: When enabled, the PTCarPhone detects changes in the power supply and turns on automatically when the engine is started.

Dimensions & 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 cradle)
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

Connection ports

Electronics box and cable set	- LTE antenna (SMA, 2x) - GPS antenna (SMA) - Wi-Fi antenna (SMA) - SIM card holder (Mini SIM card, 2FF) - 2 ports for handsets - USB port (Mini USB) - Hands-free microphone - Cable set - Speaker - 6 digital I/Os
Connections to the vehicle	Permanent plus, ignition, ground, radio mute