

MADE  
IN  
GERMANY

*“The perfect solution for versatile applications.”*

## PTCarPhone 6

Excellent quality thanks to VoLTE and MIMO technology

WiFi hotspot – Share your mobile Internet via WiFi

Integrated location module (GPS, GLONASS, Galileo)

Stand-alone system with SIM card holder

Removable handset for discreet phone calls

Online remote management – [bridge.peitel.de](http://bridge.peitel.de)

## The LTE Connectivity Solution for Professionals

- First-class LTE communication solution for fixed installation
- Excellent signal and audio quality thanks to VoLTE
- Integrated WiFi hotspot and locating module
- Advanced telematics features via online platform



A company of the Peiker family

**PEI TEL**



## Excellent Connection Thanks to Perfect Signal and Audio Quality

The complete solution for versatile requirements

- Retrofit vehicle telephone with hands-free system
- Removable handset for discreet phone calls



### Connectivity Solution for Professionals

The PTCarPhone is the right choice for anyone who wants to retrofit their vehicle with a hands-free system and always sets the highest standards. Two connections for a MIMO outdoor antenna guarantee excellent LTE reception. At the same time, mobile phone radiation is banished from the vehicle's interior. The hands-free system is unrivaled in terms of voice quality and ease of use and is designed especially for telephony in the vehicle. The PTCarPhone is clearly a cut above Bluetooth® solutions.

### High Quality LTE Communication

Thanks to VoLTE and the proven Clear Voice & Sound Technology, phone calls are now clearer and more natural. Effective suppression of echoes and environmental noise means that the PTCarPhone 6 is suitable for a wide variety of driver cabins. It is the ideal solution for the fleets of transport, logistics, taxi and bus companies, car rental agencies as well as government agencies and security organizations.



### Second Handset

The second handset is the ideal accessory for vehicles with a separate passenger cabin, such as rescue vehicles. Especially in an emergency, it is crucial that the information transmitted be crystal clear and interference-free at all times and that constant availability and reception are guaranteed.

- Two handsets easily linked up to one system via Plug & Play
- Forwarding calls between the two handsets
- Sending and receiving text messages
- Brightness and call volume separately adjustable
- Intercom function between the two handsets

Lift the handset from the cradle to switch from hands-free mode to private mode – it's that simple.



## Listen and be Heard – Quality “Made in Germany”

First-class audio, signal and reception quality

- Leading in noise reduction and signal quality
- Innovative developments for vehicle acoustics



### WiFi Hotspot – Internet via WiFi

With its new hotspot function, the PTCarPhone now also provides a mobile WiFi Internet access.

Whether laptop, smartphone, tablet or vehicle computer – just log into the PTCarPhone’s hotspot and you’re online. Up to 10 devices can use the hotspot at the same time.

Various manually adjustable wireless security settings make the hotspot function as secure as your home network.

### Clear Voice & Sound Technology

By combining digital signal processing and precise acoustic measurements, we have made the PTCarPhone what it is today:

A high-quality communication solution for retrofitting in various vehicles. The PTCarPhone is the perfect example of our microphone technologies and expertise in vehicle acoustics and signal processing.



### Authorities Version and NA Model

To coincide with the launch of a new PTCarPhone generation and in response to requests, we are now offering for the first time a model with support for North American LTE networks (US, Canada and Mexico).

In addition, we made a special model only for public authorities. Here we have compiled the PTCarPhone 6 with the most important accessories and adapted some software features for the perfect fit in authorities vehicles.

### Made in Germany



As a specialist for professional communication solutions, pei tel has been specializing in customer-oriented connectivity solutions for vehicles for years. With our systems and solutions, we set technological standards – thus ensuring the quality of our products “Made in Germany”.

- Tailored connectivity solutions in compliance with required standards
- Innovative development and production technologies



## Additional Functions That Offer More Than Just Telephony

Professional features with “wow effect”

- From a car phone to a telematics platform
- 6 digital I/O ports for various professional functions



### Digital I/O Ports

It goes without saying that the new PTCar-Phone generation provides connectivity options for external devices, such as acoustic or optical signals. In this way, incoming calls can also be signaled outside the vehicle. For example, by a flashing lamp or an external speaker.

Another option, which can be realized with the digital I/O ports, is a panic or emergency button. By pressing this button, the PTCarPhone will send an text message to a previously defined number, for example, a central office, and a call is placed.

- 6 digital I/O ports
- Programmable via the menu of the handset and the Bridge online platform



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**BRIDGE**  
<http://bridge.peitel.de>

### Bridge – A Cloud-Based Online Platform

Bridge is the intelligent online platform for remote maintenance and management of PTCarPhone devices over the Internet.

Be it just one PTCarPhone or an entire vehicle fleet, Bridge makes it so easy to handle device settings and manage the PTCarPhone’s phone books. All you need is an Internet-enabled device, such as a smartphone, tablet or PC.

All PTCarPhone 6 models allow positioning via GPS, GLONASS and Galileo. This enables you to determine the position of your vehicle at any time.

The position can then be displayed in an interactive map on the Bridge online platform. The position can also be queried by a text message. All you need to do is send a short command sequence by text message to the PTCarPhone. You will then receive an answer message with the appropriate position data.

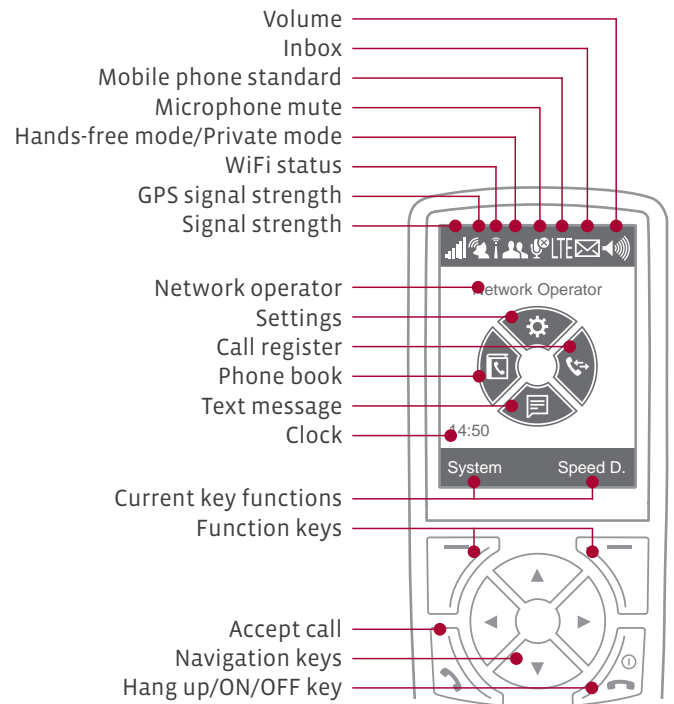
- |                              |                          |
|------------------------------|--------------------------|
| ■ Use free of charge         | ■ Software update        |
| ■ Configuration of I/O ports | ■ GPS real-time tracking |
| ■ Phone book administration  | ■ Map display            |
| ■ Data synchronization       | ■ Device status          |
| ■ Device configuration       | ■ Encrypted transmission |

## PTCarPhone 6 EU

- VoLTE support and data transfer via LTE
- WiFi hotspot feature
- Integrated location module (GPS, GLONASS, Galileo)
- Remote administration via the Bridge online platform ([bridge.peitel.de](http://bridge.peitel.de))
- LTE: 2,100 (B1), 1,800 (B3), 2,600 (B7), 900 (B9), 800 (B20), 700 (B28A) MHz
- UMTS: 2,100 (B1), 1,800 (B3), 900 (B8) MHz
- GSM: 1,800 (B3), 900 (B8) MHz

## PTCarPhone 6 NA (North America: US, Canada and Mexico)

- VoLTE support and data transfer via LTE
- WiFi hotspot feature
- Integrated location module (GPS, GLONASS, Galileo)
- Remote administration via the Bridge online platform ([bridge.peitel.de](http://bridge.peitel.de))
- LTE: 700 (B12), 70 (B12), 1,700 (B14), 1,900 (B2), 850 (B5), 700 (B13), 1,700/2,100 (B66), 600 (B71) MHz
- UMTS: 1,900 (B2), 1,700 (B4), 850 (B5) MHz



## Specifications

Display	2.4 inch color display, 240 x 320 pixels, 166 DPI, 16 bit color depth (high color)
Languages	Dutch, English, Finnish, French, German, Italian, Norwegian, Polish, Romanian, Spanish, Swedish
Phone book memory	Integrated phone book memory for up to 5,000 contacts, three phone numbers each (business, private, mobile)
Power supply	Operating voltage 10 V to 32 V
Operating temperature	-20° C to +70° C (-4° F to +158° F)

## Dimensions (in mm)

Electronics box (TPU) Length x Width x Height	132 x 98 x 26 (with retaining tab) 132 x 72 x 26 (without retaining tab)
Handset Length x Width x Height	167 x 51 x 44 (with cradle) 164 x 51 x 30 (without cradle) Cable length: 490 2.000 (expanded)
Speaker Length x Width x Height	74.5 x 77.25 x 40.5 (with retaining bracket) Cable length: 3,000
Hands-free microphone Length x Width x Height	44 x 22 x 14 Cable length: 3,000
Cable set	Length: 2,000

## Contents of Package

Example: PTCarPhone 6 EU

- 1 HA59 handset with 2.4 inch color display
- 2 A58 cradle for handset
- 3 Speaker (8 Ω)
- 4 LTE electronics box with integrated GNSS module
- 5 Hands-free microphone
- Additional content (not shown):  
2.5 m extension cord for handset, cable set, multilingual quick reference guides and multilingual installation instructions

- |                               |                           |
|-------------------------------|---------------------------|
| 1 Hands-free microphone port  | 6 GPS antenna connection  |
| 2 Ports for handsets          | 7 WiFi antenna connection |
| 3 Cable set port              | 8 SIM card holder         |
| 4 LTE MIMO antenna connection | 9 USB port                |
| 5 Digital I/O ports           |                           |

More packages and accessories at [www.peitel.de](http://www.peitel.de)



# PTCarPhone 6

The 6<sup>th</sup> generation PTCarPhone is at home in the LTE network, features an integrated locating module and always offers a mobile Internet connection via the new WiFi hotspot function.

## Ideal Solution for:

Company vehicles and fleets

Authorities, security and rescue services

Transport and logistics companies

Taxis and buses

Car rental and limousine services

*“Benefit from the exclusive advantages of a car phone for fixed installation.”*

- VoLTE support with excellent audio quality as well as echo and noise cancellation
- Share mobile Internet via WiFi with the WiFi hotspot feature
- Retrofit LTE communication system for fixed installation in vehicles – no risk of loss
- Removable handset and possibility to connect a second handset
- Optimum reception quality due to connection for an external LTE MIMO antenna
- Integrated location module (GPS, GLONASS, Galileo)
- Remote management of phone books and device settings with the Bridge online platform
- Large phone book memory for up to 5,000 contacts
- Individually adjustable restrictions
- 6 digital I/O ports for professional functions
- Fast data transfer via LTE
- Send and receive text messages
- Free software updates (over the air)

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