

PTCarPhone 3c

Excellent hands-free functionality and professional operating modes

- Aftermarket-ready car phone with hands-free kit
- Removable handset for discreet conversations
- First class voice quality in hands-free mode
- Optimum reception with antenna connection
- No mobile phone radiation in the vehicle
- Undisturbed phone calls – comfortable and reliable
- Centralised system & phone management software
- Individually selectable modes of operation



PTCarPhone Systems

Superior hands-free call quality

The PTCarPhone system is the perfect choice to fit out a vehicle with a handsfree kit that satisfies the highest standards. All radiation is banned from the vehicle's interior thanks to the external antenna connection, which also guarantees excellent reception. The hands-free kit's voice quality and ease of use is unrivalled, especially for long phone calls. It is the ideal companion in the car. That's how the PTCarPhone system surpasses all Bluetooth® solutions.

- Optimum reception with external vehicle antenna
- No radiation in the vehicle

Phone for professionals

Reliable and high-quality

Effective echo and noise cancellation makes the PTCarPhone 3c especially suitable for noisy driver's cabs. It is an ideal fleet management solution for logistics firms, taxi and bus companies, car rental agencies, government agencies and organisations involved in safety and security-related tasks. All phone functions are very easy to use in both hands-free and handset modes.

- Answer or ignore calls
- Address book and call logs
- Access to incoming, outgoing, and missed calls
- Call toggle, call waiting, call hold and call forwarding features

Second handset

The accessory with specific settings

A second handset is the perfect accessory for vehicles with separate passenger cabins, such as those operated by limousine or ambulance services. In emergency situations it is not only crucial to communicate lifesaving information to response teams clearly and understandably, but to be reachable at all times.

- One system, two handsets
- Call transfer function
- Send and receive SMS messages
- Simple plug-and-play design
- Individual settings: colour, brightness, contrast, and call volume



State-of-the-art microphone technology

Leading the way in noise cancellation & signal quality

Microphones for hands-free phone use in vehicles have been an integral part of the peiker and pei tel portfolio from the start. In step with advances in microphone technology, we continuously develop our acoustic expertise in terms of signal quality and noise cancellation. We excel in several areas in particular:

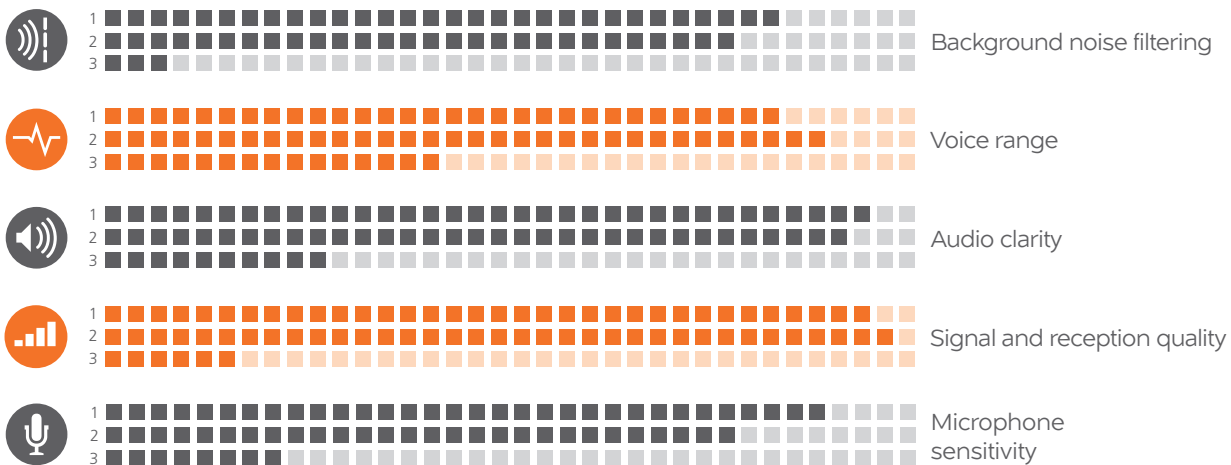
- State-of-the-art microphone technology based on decades of experience and extensive acoustic know-how
- Outstanding expertise in digital signal processing
- Acoustically optimised, individual designs to fit various vehicle settings

Based on a specific combination of digital signal processing and precise acoustic measurements, we develop and produce high-quality hands-free microphones for various uses, especially integration into trucks, buses, and vans.

Technology

Clear voice and sound

Compare key criteria to judge the voice and sound quality in hands-free mode



1. PTCarPhone - System
2. Factory-installed built-in phone
3. Bluetooth® hands-free kit



German craftsmanship and engineering

Innovative developments for vehicle acoustics

As a specialist in professional mobile radio, pei tel Communications GmbH has focused on customer-oriented acoustic applications for in-vehicle use for years. With our groundbreaking systems and development platforms, which are used in both hands-free kits and handsets, we consistently set new technological standards, so our products deliver the quality customers expect from German craftsmanship and engineering.

- Customised communication, information, and telematics solutions
- Cross-product synergies and strategic partnerships
- Production range includes everything from highly automated manufacturing to high-end handcrafted solutions
- Innovative development and production technologies
- Compliance with all required standards and processes



Much more than just a car phone

Professional features just make the difference

Versatile options, like the second interface, the data logger and a digital out, grant numerous connection possibilities and individually adjustable optional features.

- Panic button that generates a distress signal
- External devices and signal generators e.g. for additional illumination or door release control of valuables-in-transit vans
- Headset socket
- GPS data recording that allows analysis of position, speed, distance and driving times
- Over-the-Air synchronization
- File export in HTML, CSV, XML

Specifications

Capacity	1000 phone numbers
Display	RGB TFT LCD 1.8" with 128x160 pixels
Languages supported	D, US, GB, FR, ESP, ITA, NL, S, FIN, RO, NO
Networks	GSM 850 / 900 / 1800 / 1900 MHz
Operating temperature	-20° C to +70° C
Storage temperature	40° C to +85° C
Interfaces	RS232 + GPRS
Power supply	Operating current 10.8 to 32 V
Microphone sensitivity	3 level settings

Phonemanager 3

The ideal software to support fleet management

The new Phonemanager 3 software is secure and comfortable and saves time during phone setup. It is a database based Windows® application that manages and assigns phone and device settings, operation modes and contacts for one or more PTCarPhone systems by wireless synchronisation – everything is possible.

- Phone book management for simple address and contact administration, e.g. deleting and editing
- Setting different operation modes, e.g. blocking and unblocking access permissions
- Over-the-Air software updates (OTA updates)

Dimensions and cable lengths

Electronics box	Height 140 width 50 depth 35 mm
Handset HA58	Height 160 width 50 depth 25 mm
Speaker	Height 72 width 77 depth 50 ø 58 mm
Hands-free microphone	Cord length 3000 mm
Extension cord	Cord length 2500 mm
Cord set	Total length 2000 mm



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