

## pei tel “Comprehensive Communication Systems Vendor”

ISO 9001:2015-certified

- Customer satisfaction and best-in-class product quality
- Qualified, experienced staff

## Development, Production, Distribution – Everything from a Single Source

Headquartered in Teltow near Berlin, pei tel Communications GmbH was established in 1991 as a company of the Peiker family. We specialise in the development, production and distribution of communication solutions tailored to the needs of your industry.

Our multi-faceted portfolio covers hardware and software products as well as customised designs and services aimed at ensuring the smooth transfer of voice and data signals. Our range breaks down into: solutions, radio and audio accessories, professional radio equipment and mobile and indoor radio technology.



Solutions

Radio and Audio Accessories

Professional Radio Equipment

Mobile and Indoor Radio Technology

Please scan the QR code to learn more about PTIntercom ►  
<https://www.peitel.com/en/ptintercom>



## PTIntercom

Retrofit intercom system for secure communication either from the vehicle to the outside or between separate areas inside the vehicle

### Ideal for

- Emergency vehicles
  - Rescue services
  - Fire brigade
  - Police/prisoner transport vehicles
- Security trucks
- Shuttle and taxi services
- Delivery vans and lorries
- Industrial sites
  - Production lines
  - Assembly lines
  - Printing systems/machinery

### Features

- Simplex / duplex / mixed modes
- Active echo cancellation of digital signals processed in duplex mode
- Ports per interface side: PTT, speaker, hands-free mics, handset
- External port assignment option to enable 4-point communication
- Line interface for cascaded units
- Volume control per channel or volume set when putting the system into operation
- External volume control option by external potentiometers
- LEDs for modes and incoming call detection
- Approved for vehicle applications after e-mark certification
- Operates between 12 V and 24 V



Meets the requirements of:  
**EN 1789:2020**

“Medical vehicles and their equipment – roadambulances”



## PTIntercom

- Retrofit intercom system for vehicles
- Voice communication between up to three vehicles zones
- Push-to-talk or hands-free mode

[www.peitel.com](http://www.peitel.com)

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Changes and errors excepted.





# We ensure Communication

## High-Quality Communication Solutions “Made in Germany”

Development, production, distribution – your single source of supply

- Years of experience and continuous optimisation
- Consistent application of certified processes

## PTIntercom – For Your Applications

Excellent audio for safe in-vehicle communication

- Applications in various emergency vehicles
- Voice communication between up to four vehicles zones
- Push-to-talk or hands-free mode

## Professional Intercom System for Vehicles

E-mark: Certified for vehicle installation

- Operates between 12 V and 24 V
- Many accessories for tailoring your equipment to fit any on-board situation



Meets the requirements of:  
**EN 1789:2020**  
“Medical vehicles and their equipment – roadambulances”

## PTIntercom

Intercom System for Excellent Audio Quality

PTIntercom is a Retrofit intercom system for secure and convenient voice communication either from the vehicle to the outside or between up to four separate areas inside the vehicle. To provide these features, PTIntercom can be installed inside or outside the vehicle.

The system is a retrofit option for almost any vehicle. You will find PTIntercom in the vehicles of rescue services and fire brigades, security trucks, shuttle and taxi services as well as in delivery vans and lorries.

PTIntercom excels in its audio-acoustic properties. Simple operation and the sturdy design of its components warrant a safe and reliable transfer of important information even under tough service conditions.

### Key Features

- Simplex / duplex / mixed modes
- Active echo cancellation of digital signals processed in duplex mode
- Ports per interface side: PTT, speaker, hands-free mics, handset
- External port assignment option to enable 4-point communication
- Line interface for cascaded units
- Volume control per channel or volume set when putting the system into operation
- External volume control option by external potentiometers
- LEDs for modes and incoming call detection
- Approved for vehicle applications after e-mark certification
- Operates between 12 V and 24 V



Fire Trucks  
Meeting  
Driver's cab/team room

Command Vehicles 2  
Meeting  
Scheduler seat/radio room

Ambulance  
Meeting  
Driver's cab/van body

Water Tenders  
Meeting  
Driver's cab/extinguisher monitor  
Pumping unit/extinguisher monitor

Equipment Car  
Meeting  
Driver's cab/side panel

Petrol Station/Night Desk  
Meeting  
Saleroom/customer

Prisoner Transport Vehicle  
Meeting  
Driver's cab/transport bay

Security Truck  
Meeting  
Driver's cab/transport bay

## Solutions for Any Task & Challenge



**PTIntercom System**  
All-in-one package for installation in vehicles  
Article number: 6620-001-000-00

- Electronics box (size: 130 x 80 x 30 mm)
- 2x hands-free mic ME16
- 2x speaker KL18 (5 W)
- 2x accessory equipment cables (e.g. hands-free mics, speakers, buttons etc.)
- Power supply cable



**PTIntercom System with Internal Potentiometers**  
Article number: 6620-002-000-00

- Electronics box (size: 155 x 80 x 35 mm)
- 2x accessory equipment cable (e.g. hands-free mics, speakers, buttons etc.)
- Power supply cable



**PTIntercom System with External Potentiometers**  
Article number: 6620-002-001-00

- Electronics box (size: 155 x 80 x 50 mm)
- 2x accessory equipment cables (e.g. hands-free mics, speakers, buttons etc.)
- Power supply cable

## Compatible Accessories

**HA5 Handset**  
with helix cable and 10-pole RJ connector

**ME8 Hands-free mic**  
with 3.5 m cable without connector plug

**ME110 Hand-held mic**  
with helix cable and 10-pole RJ connector

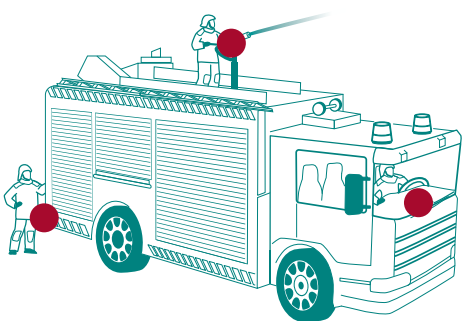
**TF1 PTT button on gooseneck**  
with 5 m cable and 2-pole Molex connector

**ME16 Hands-free mic**  
with 3 m cable and Molex connector

**KL18 4 W speaker**  
with 3 m cable and Molex connector

**KL1 10 W speaker**  
with 3 m cable and Molex connector

**DHL1/R PA horn speaker**  
with 6 m cable and Molex connector



Communication between up to four vehicles zones



Ask for products or tailored solutions!  
Please contact us for further solutions. We're here when you need us.

+49 3328 9363-270

Please ask about other application-specific packages and tailored variants.

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