



Communication Devices for Railway Applications

Products and Solutions for Use in Rail Transport

www.peitel.com

We ensure Communication

High-Quality Communication Solutions »Made in Germany«

Development, Production and Distribution – Everything from a Single Source

- Many years of experience and continuous optimization
- Certified workflows, applied consistently

Excellent Communication – durable and robust

Decades of experience in radio and voice transmission characterize the audio quality of our products. Even under adverse environmental conditions, announcements are clearly transmitted and reproduced.

- In order to cover almost every application in rail transportation, we offer a broad product portfolio. This includes various microphones, handsets, loudspeakers as well as radios, antennas, control center and infrastructure technology.

Our devices are extremely robust and ergonomically designed.

- Adapted haptics for easy operation
- Durable and halogen-free coiled cable
- Handsets with large PTT buttons: Ideal for right- or left-handed users
- Supports with wear-free changeover contacts

Communication solutions used in rail transportation must meet particularly stringent requirements. Our products are extensively tested and offer performance features that exceed the required standards.

The following products are certified to DIN EN 50155 specifically for railway applications:

- Handset HA10 EVO
- Handset HA11 EVO
- Handset HA40
- Handset HA57 EVO
- Microphone Head and Gooseneck
- Microphones of the type TM660
- Hands-free Microphone ME8
- Hand Microphone DD113

Original Equipment Manufacturer for Well-Known Manufacturers

Together with various manufacturers of train radio systems we develop solutions specially tailored to the user.

Under difficult environmental conditions, such as in rail transport, robust communication solutions with excellent acoustic properties are indispensable. Already during the development of our products, we attach great importance to compliance with the legal requirements. This enables us to guarantee safe operation in the rail sector. Our communication solutions are already being used by well-known manufacturers such as Funkwerk and Siemens/Stadler.

funkwerk 



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No Compromises in the Choice of Materials

Our Products for the Rail Sector

Many pei tel OEM products meet the specifications for rail vehicles and are tested according to DIN EN 50155

Communication Solutions for Railway Applications

As a full-range supplier, we deliver everything around the topic of communication technology.

In addition, we can develop and produce solutions customized to your needs.

Handsets

For operation and for safe and clearly understandable communication

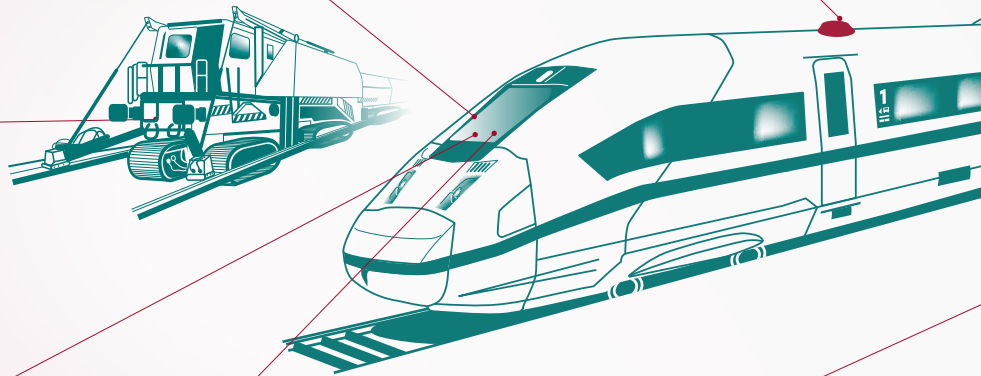


Railway Antennas



HOOTS BATTERY PRO Battery Monitor

Live battery status by email



Hand Microphones

For various installation situations



Gooseneck Microphones

For various installation situations



Hands-free Microphones

For various installation situations



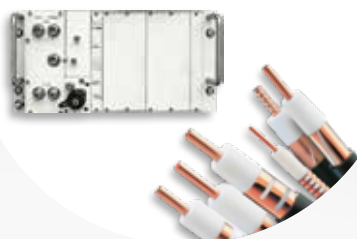
So That Communication Does Not Fall by the Wayside

Components Are Perfectly Coordinated

- Large selection of different communication products
- Perfect for use on the platform and in rail vehicles

Mobile and Indoor Radio

- Active components: Connectors-repeaters, object radio systems, etc.
- Passive components: Jumper cables, radiating cables, fiber optics



PTIntercom

Intercom system for indoor/indoor- and indoor/outdoor communication



Loudspeaker

For indoor and outdoor areas



Control Center Technology

Radio devices, USB communication-devices, dispatcher software (WAVE PTX™)



CEEEOACH Professional

For direct dialog between several people and in a team



Radios, PoC Communication Devices



Body Worn Cameras



pei tel »Provider for Complete Communication Solutions«

Certified According to ISO 9001:2015

- Customer satisfaction and highest product quality
- Qualified employees with many years of experience



Development, Production, Distribution – Everything from a Single Source

pei tel, a company of the Peiker family, has stood for professional communication solutions for over 30 years. At our locations in Teltow (near Berlin) and Osnabrück, we produce and sell products and solutions for industry, BOS, special vehicle construction and the railway sector. Customers and partners use our products worldwide.

Our diverse portfolio includes hardware and software products as well as customized developments and services, that ensure the smooth transmission of voice and data. Our range of services is divided into the following areas: Solutions, Radio and Audio Accessories, Professional Radio Technology as well as Mobile and Indoor Radio Technology.



Solution



Radio and Audio Accessories



Professional Radio Technology



Mobile and Indoor Radio Technology



Further information on communication devices for railway applications ►
www.peitel.com/en/produkte/communication-devices-for-railway-applications



Railway Standard – DIN EN 50155

Electronic Equipment on Rail Vehicles

DIN EN 45545-2

Fire Behavior

Our products meet the highest fire protection requirements. These have been tested by means of several procedures on the basis of requirement profiles, hazard levels and limit values to be complied with. Various tests confirm the resistance - even at extreme temperatures.

DIN EN 60068

Environmental Conditions (Temperature, Climate)

Due to their sophisticated design, our products can withstand our products withstand even adverse environmental conditions. This ensures high functionality and a long service life. Extensive tests and certification according to DIN EN 60068 confirm this. This ensures a high level of safety of speech intelligibility in rail transport.

DIN EN 50121-3-2

Electromagnetic Compatibility (EMC)

In rail transport, numerous electrical and electronic devices come into contact with each other. These could cause interference with each other. Our products are certified according to DIN EN 50121-3-2 which ensures electromagnetic compatibility and thus protects against interference emission.

DIN EN 61373

Shock and Vibration Tests

Voice connections in rail transport are essential and must not fail even under mechanical stresses such as vibration and shock conditions. Our products are proven to be resilient and withstand the tested vibration and shock tests according to DIN EN 61373.

Successful Characteristics of our Products

Product Range

- Selected products fulfil the legal railway standard
- Robust and high quality
- Durable and economically efficient

Microphones

- High-quality audio with noise compensation
- Convenient and easy to use

Handsets

- First-class audio quality with noise cancelling
- Comfortable use of PTT button for right- and left-handed users
- Excellent haptics and handy design
- Valuable coiled cable

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Errors and omissions excepted.