



Hytera TETRA Terminals

Critical communications helping you to respond & achieve

When you need mission-critical communications that never let you down, trust Hytera. As one of the leading providers of TETRA digital radios in the world, we know what it takes to ensure security and safety.

Our TETRA radios have been built with the end user in mind. They have all been developed according to the ETSI TETRA standard, so they remain compatible with network infrastructure and terminals from all compliant manufacturers.



Hytera TETRA Radios

Highlights and Features

TETRA is the acronym of Terrestrial Trunked Radio and is a global standard developed by the European Telecommunications Standards Institute (ETSI) for digital trunked radio. TETRA is characterized by a high degree of frequency economy and voice quality.

All Hytera TETRA radios from Hytera are designed according to the TETRA standard and are characterized by versatile features, high robustness and flexibility.

TETRA radio portfolio from Hytera

Our TETRA radios have been built with the end user in mind. The ultra-slim Z1p includes enhanced security for covert operations, while the PT5 series, with its classic form factor and comprehensive range of functions, is designed for a wide variety of user groups.

In addition to these radios, our comprehensive portfolio also covers ATEX radios and mobile radios.

Robust & Reliable

Radio equipment for professional users must be robust in order to remain ready for use in any situation. Dust and moisture are no risk for Hytera TETRA radios.

Considering harsh outdoor or industrial areas, all radios are in line with military standards and are perfectly prepared for use in severe environments.

Operational Convenience

Design is the difference - we ensure that our TETRA radios offer user-friendly interfaces and that they are intuitive to pick up and go. All radios need minimal training.

Depending on usage scenarios, special attention was paid to ergonomics during development. Each user can expect a radio that fits his use case in terms of handling.

High-level of security

The TETRA radio standard stands for security, especially for public safety users. Accordingly, our radios support all measures to secure communication.

This includes authentication, air interface encryption, end-to-end encryption and other measures to protect communication.

Versatile operating modes

To provide versatile communication options, our TETRA radios support different modes of operation.

In addition to Direct Mode (DMO) and Trunked Radio Mode (TMO), our portfolio includes terminals that provide ETSI type 1A DMO repeater functionality. By using this operating mode, the respective radio can boost the area of operation for other TETRA users.



No matter which kind of business you run, Hytera has the right radio for you



Intrinsically safe on the highest level – PT790 Ex ATEX radio

Offering safe, reliable communications, the Hytera PT790 Ex TETRA ATEX radio has been designed to comply with the highest 'ia' standard making this the ideal communication solution for working environments that require intrinsically-safe devices.

Maximum safety

To offer the maximum possible industrial safety, the PT790 Ex features a man-down alarm sensor and an adjustable time alarm (lone worker). The standard equipment GNSS module receives positioning data and can transfer these for further analysis to the control room or an AVL dispatcher.

Besides voice and data communication, the PT790 Ex offers many additional functions: Encryption, programmable keys, etc. A rugged side connector is provided for connection of a wide range of approved lightweight and heavy duty headsets, helmet sets, and other useful accessories.

The ultimate TETRA ATEX radio, ideal for all working environments that require intrinsically-safe devices.

The covert champion – Z1p

Slim and lightweight, the Hytera Z1p TETRA handheld offers the perfect combination of ruggedness, versatility and refined design to enable advanced covert communications.

Robust & lightweight

With the IP67 rating it is dust and water proof, sustaining performance in harsh environments. With its sleek design of only 23 mm thickness and its light weight, the Z1p slips unnoticed in to every jacket pocket.

GPS localization and man-down functionality is included in every Z1p radio. Bluetooth is included to support covert audio accessories and to give you wireless convenience in choosing the right audio accessories for your needs.

Two available case variants

This TETRA radio is available in two case variants. In addition to the variant with light aluminium frame, the Z1p is available in a full high-quality plastic case. This black variant is 15 grams lighter.

Ideal for executive level, public safety, and security environments.

The all-rounders – PT5 Series

This radio series is impressive, not only because of its durable and reliable design, but also thanks to its outstanding voice characteristics and its comprehensive TETRA functionality.

Compact design and easy to use

The radios of the PT5 series combine a compact housing with large buttons for exceptional ease of use. Their high-resolution, transfective color display is extremely easy to read even in bright sunlight.

Versatile services

Apart from voice and data communication, additional functions are available: GPS, encryption, pre-recorded channel announcements etc.

Ideal for industry, utility as well as public safety and security environments.





A strong foundation – PT3 Series

For users working in noisy and harsh environments, the PT3 series offers easy-to-use, rugged radios that deliver outstanding audio quality.

Ultra-clear audio quality

With water-porting technology, any water that gets into the speaker cavity is drained out easily. Coupled with this is a patented microphone aperture design, which prevents any wind noise interfering with transmissions.

Accessoires re-use

PT350 includes the common Sepura RAC interface and is compatible with RAC-based accessories. With this inherited design, customers can re-use their existing equipment. A complete series of additional accessories are also available including accessories for audio, carrying, power as well as antennas.

Ideal for users from the industry and utility sector as well as for usage in ports.

Highly flexible and mobile – MT680 Plus

The MT680 Plus is the mobile radio for vehicles for TETRA users of all sectors. High reliability, simple operation and durability distinguish the MT680 Plus.

This TETRA mobile radio offers various operating modes, such as ETSI DMO Gateway and DMO Repeater mode, in order to increase the range of use for the connected TETRA users.

Immediate and direct communication

Thanks to the high 10 Watts transmit power you can reach your team even over large distances. The MT680 Plus offers fast access to the TETRA mobile radio network and the roaming services.

Extreme quality and flexible installation

Thanks to its high flexibility MT680 Plus can be practically installed anywhere. You can install the operating head separately.

A desktop cabinet is available so that the MT680 Plus can be used as a basic dispatcher, for example in a small office such as reception desk or a gatehouse.

Ideal for industry, utility, public safety, and security environments.



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Encryption features are optional and have to be configured separately; they are also subject to German and European export regulations.

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