



# Hytera DMR Terminals

## Digital Mobile Radio Terminals for professional users

Hytera has developed the most advanced DMR product portfolio for you to help you overcome the limitations of your analog radio system. DMR radios and systems from Hytera are cost effective, feature rich and provide clear audio while being spectrum efficient at the same time.

# Hytera DMR Radios Highlights and Features

DMR stands for "Digital Mobile Radio", an open digital radio standard from the ETSI. DMR is known all over the world as a technology that combines digital voice communications and data transmission.

DMR is available in three tiers. This is a term that can be described as the "level of complexity". Tier I describes license-free DMR, Tier II is licensed, conventional DMR and Tier III means DMR trunked radio.

Thanks to the DMR standards, Hytera DMR radios and systems operate with any other DMR radio and system that is compliant with the standard.

## Hytera DMR portfolio

What sets Hytera apart is the broad range and feature set across our DMR radios and solutions. From the light and compact PD3 series - designed for ease of use in indoor environments - to the impermeable, explosion-proof PD795 Ex - there's a radio for everyone. We're connecting people everywhere - improving safety and productivity along the way.

### The ultimate handheld – PD985

Professional and versatile, the Hytera PD985 is the ultimate DMR handheld radio. Offering a range of advanced features and an exceptional audio experience, the PD985 can be utilized in all manner of working environments, playing an integral role in your communication network.

The PD985 is dust and waterproof, rated IP68, sustaining performance in harsh environments. In-build Bluetooth 4.0 supports a broad variety of audio accessories and gives you wireless convenience in choosing the right audio accessories for your needs.

To enhance safety and security of the personnel, the radio is equipped with a MicroSD card, which can be used to save both radio communications and local audio signals from the surroundings. The data saved is handled using the DMR Recording Manager.

The ultimate DMR handheld, ideal for the high demanding environments in industry, utility and public safety.

# Intrinsically safe on the highest level – ATEX Series

Offering safe, reliable communications, the Hytera PD7 IS series handheld digital radio has been designed to comply with the highest 'ia' standards making this the ideal communication solution for working environments that require intrinsically-safe devices. GPS localization and man-down functionality is included in every IS series radio.

Thanks to the latest audio processing technology and in-built speaker, the PD715IS offers you outstanding audio quality and noise cancellation, thus provides clear communications at any time under all circumstances.



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





#### Innovative construction and secure design

Silicone encapsulated technology helps prevent the internal circuits from being damaged by intrusive liquid, inflammable dust and explosive gases. Patented battery locking system ensures the radio is safe to use preventing the battery from becoming detached or causing a spark if the device is dropped.

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

### The covert champion – X1 Series

Slim and lightweight, the Hytera X1p handheld digital radio offers the perfect combination of ruggedness, versatility and refined design to enable advanced covert communications.

With enhanced encryption mechanisms it delivers secure digital communication. With the IP67 rating it is dust and water proof, sustaining performance in harsh environments. With it's sleek design of only 20 mm thickness and approx. 240 g, the X1 series slips unnoticed in to every jacket pocket.

GPS localization and man-down functionality is included in every X1 series radio. As well as in-build Bluetooth to support covert audio accessories and to give you wireless convenience in choosing the right audio accessories for your needs.

# *Ideal for executive level and public safety and security environments.*

### The all-rounders – PD7 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 PMR functionality. Choose the ever-popular PD7 series to meet your communication requirements in all manner of professional applications.

PD7 series is making better use of the channel capacity and is compatible with XPT and DMR Tier III (licenced) and provides you with effective communications at any time.

Emergency mode, priority interrupt and lone worker features are provided as standard with every PD7 series radio. Dust and waterproof, rated IP67, sustaining performance in harsh environments. Available as an optional extra, GPS for tracking and positioning also includes man down feature.

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

#### Safe workforce starts here – PD6 series

The PD6 series from Hytera brings a breath of fresh air into your radio communication. With its lightweight metal cases and the support of digital and analog mobile radio, the handheld radios of the PD6 series are the ideal companion for migrating to digital mobile radio.

It is versatile to connect with telemetry, integrate into telephony, or expand across multiple sites with Hytera XPT or DMR Tier III (licenced). At just 27 mm thick, 310 g and 16 h battery life time, this radio is a popular choice and ideal for long shifts.





#### Safer workforce

Emergency mode, priority interrupt and lone worker features are provided as standard with every PD6 series radio. Dust and waterproof, rated IP67, sustaining performance in harsh environments. Besides, the (GPS) variant of the PD6 series supports you with more pro features like GPS localization and man-down functionality.

#### Ideal for industry, events and security environments.

#### Cost efficient and compact – PD5 series

The PD5 series from Hytera convinces with its compact design, scope of functions and high cost efficiency. With the support of digital and analog mobile radio, the PD5 series is your perfect companion for entering the field of professional digital mobile radio.

The radios of the PD5 series are particularly ergonomic and easy to operate. With a weight of only 260 g (PD505) or 280 g (PD565), the PD5 series offers a high level of mobility comfort.

With Hytera patented Pseudo-trunking technology the PD5 series dynamically utilizes the two timeslots available on a DMR frequency to make efficient use of your channel capacity and helps you to safe money.

IP54 rating against dust and water, certified to meet US military standards of impact, temperature and humidity makes the PD5 series already rugged and reliable.

Use the pre-programmable keys for one touch simplicity to send text messages to individuals or groups, initiate voice calls and navigate the menu options on-screen (PD565)

*Ideal for manufacturing, events and hospitality environments.* 

#### Everyday work companion – PD4 series

With long battery service life, low weight and the integrated RFID reader in the PD415, the radios in the PD4 series are your optimal companion for everyday work.

With the integrated RFID reader, the PD415 can read information from an RFID tag and transmit this information automatically. In this way the radio supports the Hytera Patrol System.

*Ideal for users operating in manufacturing, facilities management or education environments.* 

#### Light and smart – PD3 series

The PD3 series from Hytera offers you business radios in pocket format. The compact design and intuitive operation make these DMR hand-held radios your companion for reliable digital radio communication.

The radios of the PD3 series excel through their stylish and compact design in smart-phone format and their intuitive operation. The terminals of the PD3 series offer not only many functions, but also a quick, no-nonsense start into digital mobile radio at a fair price.

*Ideal for discreet use in retail, hospitality or education environments.* 



#### Hytera Mobilfunk GmbH

Address: Fritz-Hahne-Straße 7, 31848 Bad Münder, Germany Tel.: + 49 (0)5042 / 998-0 Fax: + 49 (0)5042 / 998-105 E-mail: info@hytera.de | www.hytera-mobilfunk.com



SGS Certificate DE11/81829313

Hytera Mobilfunk GmbH reserves the right to modify the product design and the specifications. In case of a printing error, Hytera Mobilfunk GmbH does not accept any liability. All specifications are subject to change without notice.

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

HYT Hytera are registered trademarks of Hytera Co. Ltd.

ACCESSNET® and all derivatives are protected trademarks of Hytera Mobilfunk GmbH. @2018 Hytera Mobilfunk GmbH. All rights reserved.8