

HYTERA PD795 UHF ATEX

DMR UHF HANDHELD
DIGITAL + ANALOG
WITH DISPLAY/KEYPAD



The new Hytera PD795 UHF ATEX radio offers reliable DMR communication in hazardous environments.

Radios are indispensable tools for many experts. For anyone working in environments with explosive gases, flammable dust or in mining, safety plays an extremely important role.

The DMR handheld radio PD795 Ex from Hytera guarantees reliable communication in such hazardous environments with its outstanding ruggedness and its intrinsic safety. In addition, it meets the European ATEX directives, FM standards and IEC standards.

Features

Durability

The handheld radio PD795 Ex meets the requirements of the European ATEX directive, the IEC guidelines as well as the North American FM standard. Furthermore, the device meets the US military standard MIL-STD-810C/D/E/F/G and is dust-proof and waterproof in accordance with the degree of protection IP67. As such, the PD795 Ex is exceptionally suited for the secure and reliable operation in potentially hazardous and particularly harsh environments.

Fail-safe design

The use of batteries or accessory components with a lower level of protection automatically triggers an alarm so that errors of this type cannot occur.

Plastic encapsulation

Both the radio and the battery are encased in a plastic housing to ensure that all internal connections are protected and sealed off from dangerous explosive gases and dust particles.

Innovative battery latch

The patented lock of the battery ensures that the battery cannot fall out if the radio should be dropped onto a hard surface.

Integrated GPS as standard

Using the integrated GPS module, the PD795 Ex can send location information to dispatcher systems. Dispatchers can evaluate this information and use functions such as geofencing, radio localization and GPS tracking.

Upgradeable software

The upgradeable software makes the use of new features possible. By altering the firmware-software, other digital and analog operating modes can be enabled, without the need for purchasing a new radio device.

Specifications



Article id: **HYTERA PD795 UHF ATEX**

Price: **€ 1511,29**

ex VAT € 1249,00



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DMR UHF HANDHELD DIGITAL + ANALOG WITH DISPLAY/KEYPAD

Frequency range : 400 - 470 MHz

Supported operation modes : DMR Tier II (DMR conventional), Simulcast, XPT, DMR Tier III (DMR trunking), Analog, MPT 1327

Channel capacity : 1024

Number of zones : 16 (with up to 16 channels each)

Channel spacing (analog) : 12.5 / 20 / 25 kHz

Channel spacing (digital) : 12.5 kHz

Operating voltage : 7.4 V (nominal)

Standard battery : 1800 mAh (lithium-ion battery)

Battery service life : Analog-Approx. 14 hours | Digital-Approx. 17 hours (5-5-90 duty cycle, high transmitting power, standard battery)

Frequency stability : ± 1.5 ppm

Antenna impedance : 50 Ohm

Dimensions : H141 x W55 x D37 mm (with standard battery, without antenna)

Weight : 485 g (with antenna and standard battery)

Download brochure below for additional information.

Scope of delivery

- Handheld radio PD795 Ex
- Hand strap
- Belt clip
- Charging cradle
- Power supply unit for cradle
- Lithium-ion battery
- Antenna
- Manual

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