

# HYTERA MD785

## DMR VHF AND UHF MOBILE RADIOS - DIGITAL/ANALOG/GPS



The Hytera MD785/MD785G is a VHF (2 m) resp. UHF (70) cm DMR Mobile Radio, suitable for both digital and analogue radio communication!

Excellent voice quality with the application of narrowband codec and the use of digital technologies for error correction allow it to find, even in difficult situations an other Operator with the MD785. The device can be operated very slight by the ergonomic layout of the controls. This is supported by a large TFT display that can be read even in poor light conditions.

The MD785G has the same features as the PD785, but is with a built-in GPS receiver. This allows your position displayed and even short text messages are transmitted.

### Features

#### Excellent voice transmission

Thanks to the simultaneous application of narrow band codecs and digital error correction, the MD785/MD785G offers you an outstanding audio quality in loud environments and in boundary regions of the radio coverage.

#### Dual mode

The MD785/MD785G features an analogue as well as a digital mode and is compatible with the currently used analogue systems, thereby simplifying your transition into the digital age.

#### Improved use of the radio spectrum

Thanks to the TDMA process the MD785/MD785G allows an assignment of the available bandwidth with double channel capacity. This results in a clear relief of the increasing spectrum scarcity.

#### Secure communications

Besides the built-in encryption based on digital technology, the MD785/MD785G features advanced encryption options, e.g. 256-bit encryption and a scrambler function (optional).

#### Reliability and quality

The MD785/MD785G complies with the standards MIL-STD-810 C/D/E/F/G and the degree of protection IP54 and offers a high degree of reliability even in rough environments.

#### Versatile functionality

Besides the classic communication functions, the MD785/MD785G features numerous additional digital and optional functions, including text messages, GPS location determination and a lone worker function.

#### Expansion port

Thanks to the built-in expansion port, the MD785/MD785G can be expanded by additional functions.

#### Intuitive interface and key guidance

**Article id:** HYTERA MD785

**Price:** € 429,00

**ex VAT € 354,55**



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The high-resolution LCD screen offers a clear display, even under difficult light conditions. The large keyboard and ergonomic programmable keys allow an efficient and productive communication.

### Specifications

Frequency range : VHF 136-174 MHz | UHF 400-470 MHz

Channel : 1024

Zones : 64

Channel spacing Analogue : 12,5/20/25 kHz

Channel spacing Digital : 12,5 kHz

Voltage : 13,6 ± 15% V

Max. current : 8 A

Power Output type "L" : VHF/UHF 5-25 W

Power Output type "H" : VHF 5-50 W | UHF 5-45 W

Dimensions : 174 x 60 x 200 mm

Weight : 1,7 kg

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