



TC-320 PMR446

License-free analog hand-held radio

Cost-efficient, license-free hand-held radio. The analog hand-held radio TC-320 is a license-free PMR446 radio transceiver that has a lot to offer for its price.

The TC-320 excels through its compact and its first-class ergonomic design. Users of the TC-320 benefit from the extraordinary sound quality and the high degree of impact resistance.

HYT
Two-way Radio



Radio

TC-320
PMR446

Analog hand-held radio



Highlights

Compact and long-life chassis:

Strong enough to withstand a fall from a height of 1.5 m.

Long battery life

The 1700-mAh high-performance lithium-ion battery provides a battery runtime of up to 10 hours.

Stylish design and compact appearance

With its ergonomic design, this slim and compact device helps to avoid fatigue when used over an extended period of time.

Double injection moulding and anti-slip design

The combination of double injection moulding and anti-slip technology of the surface secures a comfortable and convenient operation.

Charging and programming via mini USB interface

The TC-320 can be charged and programmed directly via its new mini USB interface.



Functions

- Audio compander
- Scrambler
- Monitor function
- CTCSS/CDCSS and hum and noise
- VOX
- Channel scan
- Energy saving mode
- Warning tone for low battery charge state
- Busy channel lockout
- Time-out-timer (TOT)
- Programmable via PC (mini USB interface)
- Line connected cloning function for transferring settings to another radio transceiver
- Selectable squelch levels

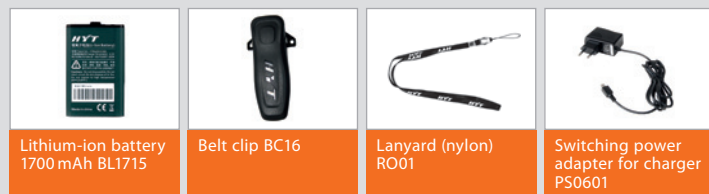


Stylish design and compact structure.

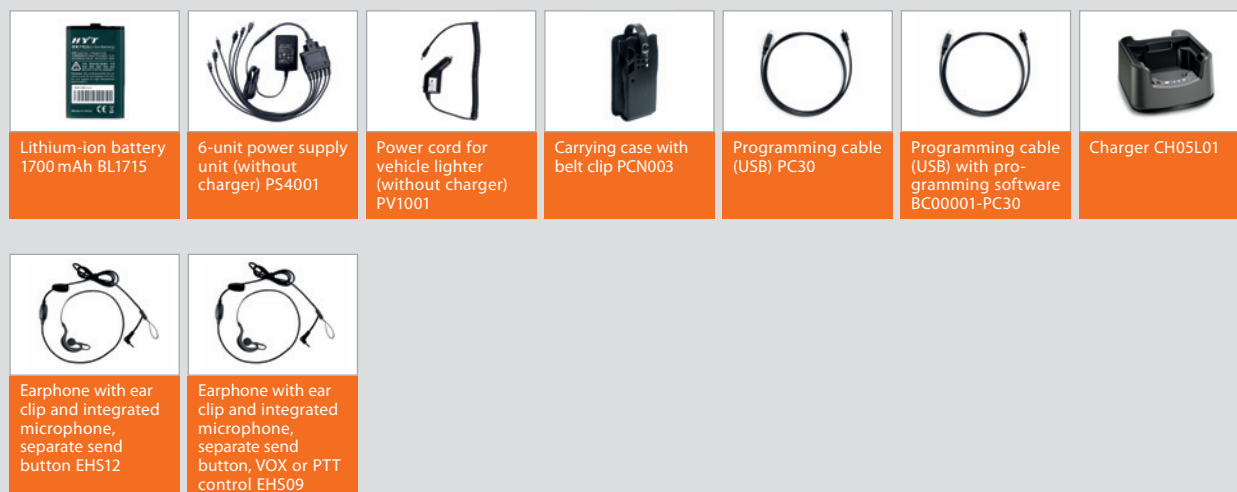
Charging and programming via integrated mini USB interface.

Housing made by injection moulding process and fitted with anti-slip design.

Standard accessories



Optional accessories (excerpt)



The illustrations below are for reference purposes only. The products might differ from these illustrations.

Technical Data

| General data | |
|---|--------------------------------|
| Frequency range | 446.00625 MHz to 446.09375 MHz |
| Channel capacity | 16 |
| Channel spacing | 12.5 kHz |
| Operating voltage | 3.8 V |
| Standard battery | 1700 mAh (lithium-ion battery) |
| Battery service life (5-5-90 duty cycle) | approx. 10 hours |
| Frequency stability | ± 2.5 ppm |
| Operating temperature range | -20 °C to +55 °C |
| Antenna impedance | 50 Ω |
| Dimensions (H×W×D) (with standard battery, without antenna) | 100 mm × 48 mm × 27 mm |
| Weight (with antenna and standard battery) | 135 g |

| Transmitter | |
|-----------------------------------|-----------|
| Transmitting power | 0.5 W |
| Modulation | 8KΦF3E |
| Interfering signals and harmonics | ≤ -36 dBm |
| Hum and noise | ≤ -34 dB |
| Nominal audio distortion | ≤ 5 % |

| Receiver | |
|------------------------------|----------------|
| Sensitivity | ≤ 0.282 μV |
| Adjacent channel selectivity | ≥ 55 dB |
| Intermodulation | ≥ 55 dB |
| Spurious response rejection | ≥ 60 dB |
| Hum and noise | ≥ 34 dB |
| Nominal audio power output | 400 mW |
| Nominal audio distortion | ≤ 5 % (400 mW) |

All technical indications were tested according to the corresponding standards. Subject to change on the basis of continuous development.

Your Hytera partner:



Hytera Mobilfunk GmbH

Address: Fritz-Hahne-Straße 7, 31848 Bad Münder, Germany
Phone: +49 (0)5042 / 998-0 **Fax:** +49 (0)5042 / 998-105 **E-Mail:** info@hytera.de
www.hytera.de/en

For more information visit: www.hytera.de/en


Contact us if you should be interested in buying Hytera products, sales partnership or application partnership: ✉ info@hytera.de



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