

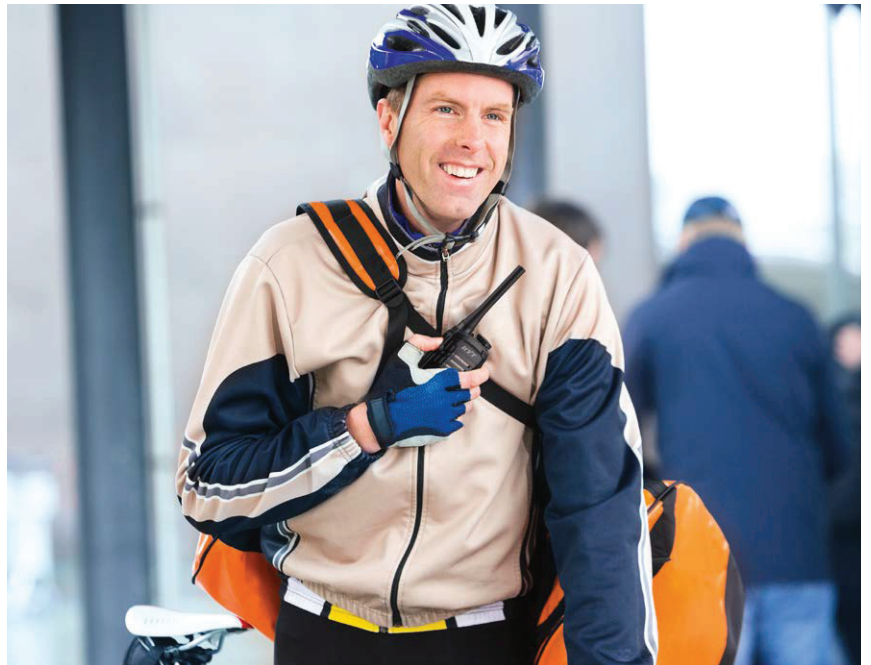
Radio

TC-320

PMR446 handheld radio

The analogue handheld radio TC-320 PMR446 is a licence-free radio that offers a number of features for an attractive price.

The TC-320 PMR446 excels through its compact, first-class ergonomic design. TC-320 PMR446 users also benefit from the extraordinary sound quality and impact resistance to protect against bumps and knocks.



Highlights

Licence-free two-way radio

The TC-320 is a PMR446 radio and can therefore be used straight out of the box without the need to acquire a radio licence.

Compact and rugged chassis

The radio is strong enough to withstand a fall from a height of 1.5 m.

Double injection moulding and intelligent design

Due to the combination of the double injection molding process during manufacturing and the anti-slip surface coating, the TC-320 is convenient to grab and operate.

Charging and programming via mini USB interface

The TC-320 can be charged directly via its mini USB interface and programmed with the help of the programming software and a programming cable from a Hytera partner.

Functions

- 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 two-way radio
- Programmable squelch level



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	1700mAh (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
Dimensions (H × W × D) (with standard battery, without antenna)	100 mm × 48 mm × 27 mm
Weight (with standard battery)	135 g

All technical information was determined at the factory and in accordance with the corresponding standards. Subject to change on the basis of continuous development.

Transmitter	
Transmitting power	0.5 W
Modulation	8 K0F3E
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)

In the box



Lithium-ion battery (1700 mAh) BL1715



Power adapter with mini USB port PS1059



Belt clip BC16



Wrist strap RO01

Optional accessories



Carrying bag (PU) with belt strap PCN003



Quick charger CH05L01



Earbuds with earpiece, microphone EHS12



Earbuds with earpiece, microphone (VOX or PTT) EHS09



Programming cable (USB) PC30

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