

Radio

TC-320 PMR446

PMR446 handheld radio

The analog handheld radio TC-320 PMR446 is a license-free radio that offers many functions for an attractive price.

The TC-320 PMR446 excels through its compact and its first-class ergonomic design. TC-320 PMR446 users also benefit from the extraordinary sound quality resistance against mechanical impacts.



Highlights

License-free two-way radio

The TC-320 PMR446 is a PMR446 radio and can therefore be used without any specific proof of necessity or a license.

Compact and long-life chassis:

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

Double injection moulding and anti-slip design

Due to the combination of double injection molding process during manufacture and the anti-slip technology on its surface, the TC-320 PMR446 is convenient and easy to operate.

Charging and programming via mini USB interface

The TC-320 PMR446 can be charged directly via its mini USB interface and programmed with the help of the programming software and a programming cable from Hytera.

Functions (excerpt)

- 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 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)

Standard scope of delivery

		
Lithium-ion battery (1700 mAh) BL1715	Power adapter with mini USB port PS0601	Belt clip BC16
		
Lanyard R001		

Additional accessories (selection)

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