

Analogue radios

Handheld and mobile radios from Hytera

Hytera's HYT radios for licence-free and licensed analogue communication offer every user a high level of added value. Their robust, compact construction, their useful functionality and their high reliability ensure trouble-free communication, irrespective of whether for professional, personal or leisure use.

Whether it's communication across a construction site, office facility, or perhaps a restaurant and hotel, with HYT analogue radios from Hytera, you can increase the productivity and efficiency of your staff.

HYT
Two-way Radio

Radio

TC-620

Analogue handheld radio

The TC-620 is specially designed for users in facilities, in hotels, and across the service sector. As well as its varied functionality, this handheld radio offers outstanding sound quality. It is easy to operate, and excels through an optimal price-performance ratio.



Highlights

High/low power switchable

The user can change to low or high transmitting power at the press of a button to save the battery or to cover a larger distance.

Attractive design

The TC-620 abandons a conventional purely black case. With grey case elements and the metallic nameplate, this handheld radio visually stands out.

Programmable channel spacing 12.5 kHz/25 kHz

This feature provides a high degree of flexibility and straightforward adaptation to changing requirements in relation to the channel spacing, without the need for you to buy new radios.

Long battery life

With a duty cycle of 5-5-90, the TC-620 offers a battery life that outlasts a shift from a single charge. You can activate a three-colour LED display by pressing a single button to display the charge state of the battery.

Clear communication

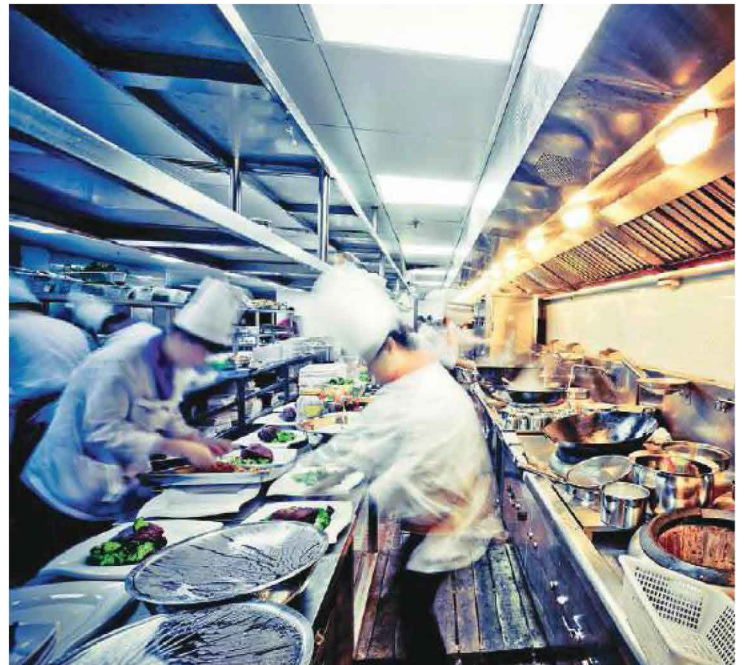
A powerful loudspeaker and state-of-the-art noise processing technology delivers excellent sound quality, even in noisy, bustling environments.

Expanded loudspeaker protection

The loudspeaker of the TC-620 is protected against damage from hard objects such as nails and against water entering the device.

Functions

- Monitor function
- CTCSS/CDCSS and noise cancellation
- VOX
- Channel scan
- Energy saving mode
- Warning tone for low battery charge state
- Busy channel lockout
- Time-out timer (TOT)
- Programmable via PC
- Line-connected "cloning" function for transferring settings to another two-way radio
- Selectable squelch levels



Technical Data






General data	
Frequency range	VHF: 136 – 174 MHz UHF: 440 – 470 MHz
Channel capacity	16
Channel spacing	12.5 / 25 kHz or 20 / 25 kHz
Operating voltage	7.4 V
Standard battery	1200 mAh (lithium-ion battery)
Battery service life (5-5-90 duty cycle)	Approx. 9 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)	117 × 54 × 31 mm
Weight	275 g (with antenna and standard battery)
Shock and vibration resistance	MIL-STD -810 C/D/E/F
Dust and water protection	IP54

Transmitter	
Transmitting power	VHF: 2 / 5 W UHF: 2 / 5 W
Modulation	F3E
Interfering signals and harmonics	-36 dBm (< 1 GHz) -30 dBm (> 1 GHz)
Hum and noise	35 / 40 dB
Nominal audio distortion	≤ 5%







Receiver	
Sensitivity	0.25 / 0.28 µV
Adjacent channel selectivity	≥ 60 / 70 dB
Intermodulation	≥ 60 dB
Spurious response rejection	≥ 70 dB
Hum and noise	40 / 45 dB
Nominal audio power output	800 mW
Nominal audio distortion	≤ 5%

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

In the box

		
Lithium-ion battery (1200 mAh) BL1204	Belt clip BC12	Charger CH10A03
		
Wrist strap RO03	Switching power adapter for charger PS1044	Antenna

Optional accessories

		
Carrying bag with belt strap NCN001	Lithium-ion battery (2000 mAh) BL2001	Programming cable (USB) PC26
		
Remote speaker microphone (IP55) SM13M1	Concealed headset EAM12	Earbuds with D-piece and microphone EHM15

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

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