

The licence-free HYT TC-446S handheld two-way radio combines analogue technology with a user-friendly, lightweight design. This robust two-way radio is ideally suited for use in commercial environments such as facility management, leisure operations, production facilities or education institutes.

Thanks to its compact form and light weight, this robust two-way radio is ideally suited for use in facility management, catering and hospitality, production and manufacturing, retail, education and construction.



Specifications

General

Frequency range	446.00625 MHz to 446.09375 MHz
Channel capacity	32
Channel spacing	12.5 kHz
Operating voltage	7.4 V
Standard battery	1300 mAh (lithium-ion battery)
Frequency stability	± 2.5 ppm
Operating temperature range	- 25 °C to + 60 °C
Dimensions (H × W × D) (with standard battery, without antenna)	113 × 54 × 35 mm
Weight (with antenna and standard battery)	270 g
Shock and vibration resistance	MIL-STD -810 C/D/E/F
Dust and water protection	IP54

Transmitter






Transmitting power	0.5 W
Modulation	8 K0F3E
Interfering signals and harmonics	≤ - 36 dBm (< 1 GHz) ≤ - 30 dBm (> 1 GHz)
Hum and noise	≤ - 38 dB
Nominal audio distortion	≤ 5 %

Receiver







Sensitivity	≤ 0.282 µV
Adjacent channel selectivity	≥ 60 dB
Intermodulation	≥ 60 dB
Spurious response rejection	≥ 70 dB
Hum and noise	≥ 40 dB
Nominal audio power output	800 mW
Nominal audio distortion	≤ 5 % (800 mW)

Accessories

Standard

	BL1301 Lithium-ion battery 1300 mAh
	BC12 Belt clip
	CH10L19 Charger
	RO03 Wrist strap
	PS1044 Switching power adapter for charger

Optional

	NCN001 Carrying bag with belt strap
	BL1719 Lithium-ion battery (1650mAh)
	PC26 Programming cable (USB)
	SM08M3 Remote speaker microphone (IP55)
	EAM12 Concealed headset
	EHM15 Earbuds with D-piece and microphone

Call Systems Technology Ltd

Unit 240, Centennial Park, Elstree, Hertfordshire, WD6 3SJ
Registered address: 50 Seymour Street, London W1H 7JG
Registered in England No. 4025235 • VAT Reg. No. GB 220 8954 10

Stay connected:

