

The PD6 Series from Hytera offers a sleek, innovative handset for professional radio users. With a lightweight, crafted metal design, supporting both digital and analogue technology, the PD6 Series is a popular feature rich device.

Delivering superior voice clarity and enhanced encryption, the Hytera PD665 handheld digital two-way radio is a compact, high quality device with LCD screen and programmable keys. At just 27mm thick and 310g, this radio is a popular choice and ideal for long shifts.



Specifications

General	
Frequency Range	VHF: 136 - 174 MHz UHF: 400 - 470 MHz UHF3: 350 - 400 MHz
Supported operating modes	<ul style="list-style-type: none"> • DMR Tier II in acc. with ETSI TS 102 361-1/2/3 • Analogue • DMR Trunking (chargeable licence) • MPT Trunking (via licence upgrade)
Channel capacity	256 (128 analogue + 128 digital)
Number of zones	64 (with max. 256 channels each)
Channel spacing	12.5 / 25 kHz
Operating Voltage	7.4 V (nominal)
Battery	1500 mAh (lithium-ion battery)
Battery Life (5-5-90 duty cycle, high transmitting power, standard battery)	analogue / digital: approx. 12 / 16 hours (with 1500 mAh) approx. 16 / 22 hours (with 2000 mAh)
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD) (without antenna)	119 × 54 × 27 mm
Weight	approx. 290 g
Programmable keys	6
Range of the RFID reader	up to 4 cm

Environmental	
Operating Temperature	-30°C ~ +60°C
Storage Temperature	-40°C ~ +85°C
ESD	IEC 61000-4-2 (level 4), ± 8 kV (contact), ± 15kV (air)
Shock and vibration resistance	MIL-STD-810 C/D/E/F/G
Relative humidity	MIL-STD-810 C/D/E/F/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	VHF: 1 / 5 W UHF: 1 / 4 W
Modulation	11 K0F3E at 12.5 kHz 16 K0F3E at 25 kHz
4FSK Digital Modulation	12.5 kHz (data only): 7K60FXD 12.5 kHz (data and voice): 7K60FXW
Interfering signals and harmonics	-36 dBm (< 1GHz) -30 dBm (> 1GHz)
Modulation Limiting	± 2.5 kHz at 12.5 kHz ± 5.0 kHz at 25 kHz
Hum and noise	40 dB at 12.5 kHz 45 dB at 25 kHz
Adjacent channel selectivity	60 dB at 12.5 kHz 70 dB at 20 / 25 kHz
Audio sensitivity	+ 1dB at - 3dB
Nominal audio distortion	≤3%
Digital Vocoder Type	AMBE+2™

Receiver	
Sensitivity (analogue)	0.22 μV (12 dB SINAD) 0.22 μV (typical) (12 dB SINAD) 0.4 μV (12 dB SINAD)
Sensitivity (digital)	0.22 μV / BER 5 %
Adjacent channel selectivity	TIA-603: 60 dB@12.5 kHz / 70 dB@25 kHz ETSI: 60 dB@12.5 kHz / 70 dB@25 kHz
Intermodulation	TIA-603: 70 dB at 12.5 / 25 kHz ETSI: 65 dB at 12.5 / 25 kHz
Spurious response rejection	TIA-603: 70 dB at 12.5 / 25 kHz ETSI: 70 dB at 12.5 / 25 kHz
Signal-to-noise ratio (S/N)	40 dB at 12.5 kHz 45 dB at 25 kHz
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤3%
Audio Response	+1 ~ -3dB
Conducted Spurious Emission	<-57dBm

Accessories

Standard



BL1504
Lithium-ion battery (1500 mAh)



CH10A07
MCU Rapid-Rate charger



RO03
Hand strap



BC22
Belt clip



PS1044
Switching power adapter for charger

Optional



ESW01
Wireless Headset



SM26M1
Remote speaker microphone



EHN20
Earphone with C-clip



BL2010
Lithium-ion battery (2000 mAh)



MCA08
6-unit charger



NCN011
Carrying case (nylon)

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:

