

Radios

PD355LF & PD365LF DMR handheld radios



Highlights

Attractive and a lightweight

Their stylish and compact design and the intuitive operation render the radios PD355LF and PD365LF as companions that nobody wants to miss in day-to-day communication. With a weight of only approx. 160 g for each model, both can be carried comfortably and even fit in the pockets of pants or jackets.

Support of analog and digital mobile radio

Both handheld radios were developed in compliance with the ETSI Digital Mobile Radio (DMR) standard. They support license-free operation according to DMR Tier I and can also be operated as an analog radio.

32 preprogrammed channels

Thanks to the implemented digital technology, both radios offer 32 preprogrammed channels. Of these channels, 16 are analog and 16 digital, divided into three zones.

Integrated antenna

The unique integrated antenna design enables excellent availability without a large antenna on the radio.

Small investment - fast start

The license-free DMR devices not only offer numerous features, but also a quick, uncomplicated start into the digital PMR446 radio at a fair price.

Long battery service life

In digital mode, the supplied lithium-ion battery (2000 mAh) provides both mobile radios with an operating time of at least 12 hours, given an operating cycle of 5-5-90 (5 percent talk/send, 5 percent receive and 90 percent standby).

Additional Functions (selection)

- Dual mode: Switching between digital and analog is possible
- Versatile voice calls: Individual call, group call, and broadcast call on digital channels
- Dust and water protection according to IP54
- Shock and vibration resistance according to MIL-STD-810 C/D/E/F/G
- DMR text messages with up to 64 characters
- Four programmable keys
- Charging and programming via Micro-USB interface
- Scan function for analog as well as digital channels



Micro-USB port for charging the battery

Integrated antenna design



PD365LF

PD355LF

Long battery runtime

Compact design

Standard scope of delivery

Additional accessories (selection)



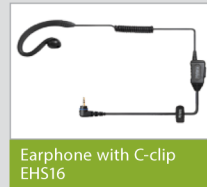
Lithium-ion battery (2000 mAh) BL2009



Switching power adapter for charger PS1018



Programming cable (USB) PC69



Earphone with C-clip EHS16



Hand strap RO01



Belt clip BC20/BC 21

Technical Data

PD355LF & PD365LF	
Frequency range	UHF: 446,0 – 446,2 MHz
Supported operating modes	<ul style="list-style-type: none"> DMR Tier I (license-free DMR) PMR446 analog mobile radio DMR Tier I in acc. with ETSI TS 102 361-1/2/3
Channel capacity	32
Zone capacity	16 (in condition as supplied to the customer 3 zones with 32 channels preconfigured)
Channel spacing	12.5 kHz (analog, digital)
Battery service life (5-5-90 duty cycle, high transmitting power, standard battery)	approx. 12 hours (digital)
Standard battery	2000 mAh (lithium-ion battery)
Transmitting power	0.5 W
Frequency stability	± 0.5 ppm
Antenna impedance	50 Ω
Digital vocoder type	AMBE+2™
Operating voltage	3.7 V
Dust and water protection	IP54
Shock and vibration resistance	MIL-STD-810 C/D/E/F/G
Operating temperature range	- 30 °C to + 60 °C
Storage temperature range	- 40 °C to + 85 °C
Dimensions (H × B × T)	123 × 58 × 23 mm (PD355) 135 × 58 × 24 mm (PD365)
Weight	approx. 160 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.



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