



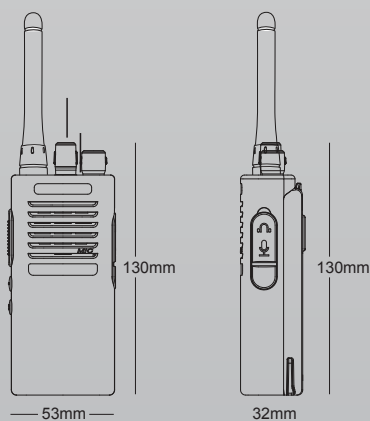
PL-446

Two-Way Radio

FEATURES

- Simple controls and voice annunciation make operation intuitive.
- High capacity 1800mAh Li-ion rechargeable battery pack provides over 24 hours use between charges.
- Loud (750mW) and clear audio ensures reliable communication.
- Tough and durable to survive everyday use - thanks to a polycarbonate casing and aluminium chassis.
- Pre-programmed with 16 user-selectable channels.
- Available to suit licence-free PMR446 or professional radio users.
- Desktop intelligent fast charger - recharges the battery in just 4 hours.
- Built-in VOX function, with adjustable sensitivity, for hands-free use.

DIMENSION



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Specification

ITEM	PL-446
General	
Frequency Range	446.00625 – 446.09375MHz
Channel Spacing	12.5KHz
Channel Capacity	16
Antenna Impedance	50Ω
Battery Type	7.4V 1800mAh Lithium-ion
Power Voltage Range	7.4V DC + 20%
Temperature Range	-20 ~ +60 C
Weights	230g
Dimensions (H x W x D)	130 x 53 x 32mm
Transmitter	
RF Power	0.5WERP
Frequency Stability	+ 1.5ppm
Modulation Deviation	< 2.5KHz
Spurious Emissions	-36dBm < 1GHz, -30dBm > 1GHz
Audio Response	+1 ~ -3dB
Audio Distortion	<3%
FM Noise	55dB
Receiver	
Sensitivity	0.35μv
Hum and Noise	40dB
Adjacent Channel Selectivity	60dB
Intermodulation	60dB
Spurious & Image Rejection	70dB
Audio Output Power	750mW @ 8Ω for 10% distortion

(*) Must use regulated & specified power supply.



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