

PD-32W



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PD-32W

WATERPROOF PORTABLE RADIO

FEATURES

- Digital DMR Tier II / Analog
- Diversified Remote Emergency Alarm
- IP67 Dustproof and Waterproof
- Dual Direct Access
(2 Time Slot on Simplex)
- Durable Full Al-Alloy Casing
- 1800mAh Lithium Battery - Standard
- One Touch Single Call,
Group Call and Emergency Call
- 2200mAh Long Life Battery - Optional
- High Quality 40MM 1 Watt Speaker
- Up to 4 Shortcut Quick Access Keys

APPLICATIONS

- Shopping Centres
- Construction
- Security
- Schools
- Utilities

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GENERAL SPECIFICATIONS

Model	PD-32W
Frequency	VHF: 136-174MHz UHF U1: 400-470MHz UHF U2: 450-520MHz
Channel Capacity	100 CH/16 Zones 200 CH/8 Zones
Channel Spacing	25 kHz / 12.5 kHz
Operating Temperature	-25°C ~ + 60°C
Frequency Stability	±2.5ppm
Operating Voltage	7.4 VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery Life (5-5-90 duty cycle)	1800mAh: Analog 13.9 hrs Digital 17.5 hrs 2200mAh: Analog 16.9 hrs Digital 21.4 hrs
Dimensions (W x L x H)	126mm x 53mm x 28.5mm
Weight	280g (with battery and antenna)

TRANSMITTER

RF Power	H: UHF 4 W, VHF 5 W L: 1.5 W
FM Modulation	16KΦF3E @ 25kHz 8KΦF3E @ 12.5kHz
4FSK Digital Modulation	12.5 kHz Data: 7K60FXD 12.5 kHz Voice & Data: 7K60FXW
Digital Vocoder Type	AMBE ++
Digital Protocol	ETSI-TS102 361-1, -2
Harmonic	≥ 70 dB
SNR (Signal to noise ratio)	≤-45dB @ 25kHz ≤-40dB @ 12.5kHz
Rated Audio Distortion	≤ 5%
Frequency Stability	± 2.5 ppm
Max Frequency Deviation	≤5kHz @ 25kHz ≤2.5kHz @ 12.5 kHz

RECEIVER

Sensitivity Analog	≤0.22uV(12dB SINAD) @25kHz ≤0.25uV(12dB SINAD) @12.5kHz
Digital	0.22uV (BER 5%)
SNR (Signal to noise ratio)	≥-45dB @ 25kHz ≥-40dB @ 12.5kHz
Adjacent Channel Selectivity	≥-70dB @ 25kHz ≥-65dB @ 12.5kHz
Intermodulation	≥-65dB @ 25kHz ≥-60dB @ 12.5kHz
Spurious Rejection	≥70 dB
Audio Output Power	≥ 1000 mW
Rated Audio Distortion	≤ 5%



- All specifications are subject to change without notice due to continuous development
- Complies with Australia / New Zealand RF standards



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PD-32 ACCESSORIES

INCLUDED IN THE BOX



Antenna

812-14091063-001-1600



Battery

QB-L1800



Belt Clip

BC-1600W



Single Pocket Charger

SPC-1600

OPTIONAL EXTRAS



Waterproof Remote
Speaker Microphone

RT-SM26N2



Swivel / Earhook Earpiece

RTS-3327A-H4



Covert / Airtube Earpiece

RTC-4238-H4



Programming Cable

ADUH8-32W



6 Bay Multicharger

MPC6R-1600W



12/18 Bay Multicharger

MPC12/18R-1600W