

PD-28



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PD-28

DMR/ ANALOGUE PORTABLE RADIO

FEATURES

- 32 Channels
- English Voice Prompt
- Power Save/ Low Power Alarm
- Channel Scanning/ Priority Scanning
- Emergency Call
- Lone Worker
- Programming Password
- Wide/ Narrow Selection
- High/ Low power
- Digital/ Analogue Mode
- Single Call
- Group Call
- All Call Function
- High Power 1 Watt Speaker

APPLICATIONS

- Tradies
- Schools
- Construction Sites
- Cleaning & Securities
- Hotels
- Events
- Mining
- Shopping Centres

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GENERAL SPECIFICATION

Frequency Range	VHF: 136-174MHz / UHF: 400-470MHz / UHF: 450-520MHz	Store Temperature	-40C+85C
Channel	32/1000 Channels	Antenna Impedance	50Ω
Channel Spacing	12.5KHz	Audio Output Power	<1000mW@16Ω
Operating Voltage	7.4V	Battery Capacity	2000mAh standard Li-Ion battery
Battery Type	Li-Ion	Dimension	128 x 61 x 38mm/ 131 x 61 x 36mm
Operating Temperature	-30C+60C	Weight	258g

TRANSMITTER

Output Power	5W (High) 1W (Low)	4FSK Digital Mode	12.5KHz(data only):7K60FXD
Frequency Stability	+/-1.0PPM	Modulation Maximum	2.5KHz@12.5KHz
Adjacent Channel	<-60dB	Deviation	
Power		Nonactive Slot Power	-57dBm
Free Time Slot Power	TDMA: <57dBm	Digital Protocol	ETSI TS 102 361-1 -2 -3
Hum and Noise	-40dB@12.5KHz	Vocoder Type	AMBE+2TM
Spurious Radiation	Antenna: 9KHz-1GHz <-36dBm 1GHz-12.75GHz <-30dBm	Audio Response	+1dB~-3dB
FM Modulation Mode	12.5KHz: 11K0F3E	Modulation BER (Bil Error Rate)	<5%

RECEIVER

Analog Sensibility	0.35uV/-116dBm (20db SINDA) 0.22uV/-120dBm (Type)
Digital Sensibility	0.3uV/-117dBm (BER 5%) 0.22uV/-110dBm (BER 1%)
Co-channel Rejection	>-12dB
Adjacent Channel	TIA603C:65dB ETSI:60dB
Selectivity	
Spurious Response	TIA603C:75dB ETSI:70dB
Rated Audio Power	1W
Audio Response	=1dB~-3dB
Rated Audio Response	3% (Type)
Spurious Radiation	Antenna: 9KHz-1GHz <-57dBm 1GHz-12.75GHz <-47dBm



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



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PD-28 ACCESSORIES



INCLUDED IN THE BOX



Antenna
HA-U2-28



Battery
LI-75-28



Belt Clip
BC-28



Single Pocket Charger
SPC1-28



Power Adaptor
XIA-P127A-B6533

OPTIONAL EXTRAS



Remote Speaker Microphone
TY02



Waterproof Remote Speaker Microphone
RSM-400W/K1



Programming Cable
PCU-28



Covert/Airtube Earpiece
CX2425-K2



Swivel/Earhook Earpiece
TY100H-K1



Battery Eliminator
BE-28



Six Bay Charger
MPC6R-28



Commercial Headset
RTRN-100A



Headset Lead
RT-K1XLR