

BFDX BF-P118 DPMR professional digital walkie talkie



- FEATURES:**
- DPMR with ETSI standard
 - FDMA DCP
 - Channels: 160 (2 groups)
 - PC programming
 - Channel spacing: 6.25KHz
 - Modulation: 4FSK
 - With clear critical distance voice
 - Emergency alarm
 - Support single, group and general call
 - With scanning indication pronounced
 - Standby time: 100 hours
 - 4-side buttons can be programmed
 - Channel number indicator
 - With built-in USB connector
 - With high/low voltage alarm

BFDX -P118

Specifications	
GENERAL	
Frequency range	VHF: 136-174MHz UHF: 370-385MHz, 400-470 MHz
Channels	160
Display	160
Channel Spacing	6.25KHz
Working Voltage	3.7V
Battery Capacity	1700mAh
Battery Average Working Time (at 50% T)	120 hours
Frequency Stability	± 0.001%
Modulation	4FSK
Dimension	60 (L) x 38 (W) x 103(4) mm
Weight	205g (including battery pack)
Transmitting	
Power Output	WPMR: 4 W
dBm maximum	4000 mW
Standing Wave Ratio	< 1.50 (at 136MHz, 400MHz, 470MHz)
Antenna Connector	SO-239
Monitor	FM, CTC
Receiving	
Sensitivity	0.2μV @ 12.5KHz
Audio output power	600mW
Audio Character	< 3%
Concurrence Reception	< 20dB
Environmental Indicators	
Operating Temperature	-20 ~ +60 °C
Storage Temperature	-30 ~ +85 °C
Charging mode	MIL-STD-883C GEP
Shock/vibration	MIL-STD-883C DEF

Notice: Product design and specifications are subject to change without previous notice.



Fujian Baideng Telecom Technology Co., Ltd. Add: A-15, Shuangyang Naoqiao Economic Development Zone, Quanzhou, Fujian
 Tel: 86-595-28396717 28396768 Fax: 86-595-22771633 Email: Cc@bfdx.com Kity@bfdx.com Website: www.bfdx.com Post code: 362000

1. Noise suppression
2. Better frequency use ratio (6.25KHz)
3. Longer use time of the battery
4. Multi digital codes using for the transceiver
5. Support private call, group call and all call
6. 4 side keys can be programmed
7. High/Low voltage alarm
8. Dual-pin for out microphone and earphone
9. Built-in USB interface
10. 160 channels, 50 zones
11. SMS
12. Manual dialing
13. Roger beep and emergency alarm

Contact: tracy@bfdx.com
 Site: www.bfdx.com

GENERAL

Frequency range: VHF:136-174MHz UHF:350-390MHz 400-470 MHz

Channels: 160

Zones: 50

Channel Spacing: 6.25KHz

Working Voltage: DC7.4V(±20%)

BatteryCapacity: 2000mAh (Li-ion battery)

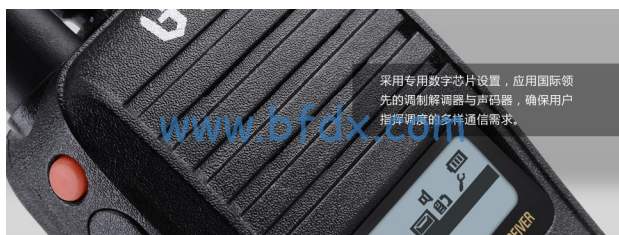
Battery Average Working Time (5/5/90): 17 hours

Frequency Stability: ±1ppm

Antenna Impedance: 50Ω

Dimension: 60*39*103 mm

Weight: 291g (including battery pack)





Transmitting

Power output: H : 5W / L: 1W

4FSK modulation: 4K00F1E

Spurious Emission: -36 dBm≤1GHz/-30 dBm≥1GHz

Adjacent Channel Power: ≤-60dB

tracy@bfdx.com

tracy@bfdx.com

tracy@bfdx.com

tracy@bfdx.com



tracy@bfdx.com tracy@bfdx.com



Vocoder RALCWI

Receiving

Sensitivity: 3%BER \leq 0.25uV

Audio output power: 500mW

Audio Distortion: < 5%

Conduction Radiation: -57dBm

tracy@bfdx.com tracy@bfdx.com tracy@bfdx.com



Environmental Indicators

Operating Temperature: -20°C—60°C

Storage Temperature: -30°C—+85°C

Damp proof: MIL-STD-810C/D/E/F

Shock&Vibration: MIL-STD-810C/D/E/F