



# Rio (Advance) .

## Professional Fm Transceiver

Anti Noise Reduction  
Type-c Charger ,  
Waterproof IP66,  
Magnetic Shielding,  
Wireless Frequency Copy



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## Professional Fm Transceiver



### Main Functions

General			
Model name	RIO(Advance) .		
Type	Handheld two way radio		
Memory channel	16 CH		
Channel spacing	25kHz/12.5KHz		
Operating Voltage	DC7.5V		
Frequency Range	PMR 446 MHz		
Standard battery	3350mAh Li-ion Battery		
Antenna impedance	50Ω		
Operating temperature	-20℃ ~ +60℃		
Storage temperature	-40℃ ~ +80℃		
weight	300g		
Size: HxWxD (mm)	120x60x36 (not including antenna)		
Frequency modulation method	FM		
Receiver			
Frequency stability	+/-2.5ppm	Rated Audio	1500mW
Reference Sensitivity	Better than-121dBm	Receiver SNR	≥45dB
		audio distortion	≤5%
adjacent channel selectivity	≥65dB	Channel Inhibition	≥-8 dB
Audio Response	≤+2dB & ≥-10dB	adjacent channel selectivity	≥50 dB
Transmitter			
TX Power	0.5W	frequency stability	+/-2.5ppm
Transmitter SNR	≥40dB	maximum frequency deviation	≤5KHz
Radiated Emission	≤7.5uW	modulation characteristic	+1dB ~ -3dB
adjacent channel power	≤-65dB	modulation distortion	≤5%

- Waterproof IP66
- DSP Digital encryption
- Compandor
- Scrambling
- Wide and narrow band switching
- VOX voice control function
- Scanning function
- Squelch level setting
- Support voice broadcast
- Battery saving function
- Analog Sub-Audio(QT)/Digital Sub-Audio(DQT)
- Busy channel lock
- Working mode: channel/frequency/channel+frequency
- Transmission time limit
- Remote emergency alarm
- Write frequency software encryption



### Standard Accessories



Antenna



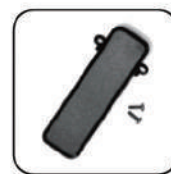
Battery Pack



Charger



Adapter



Belt Clip



Strap Wire