

# DR7

## Professional FM Transceiver

More durable and reliable  
in any environment

Smart . Efficient . Accurate

- 16CHS
- Output Power 5W
- High Battery Capacity
- Two Programming SK



## MAIN FUNCTIONS

- \* 400-520MHz/245MHz/136-174MHz
- \* High/Low Power
- \* Group Calling
- \* Reverse Frequency/Offset
- \* VOX & SQL
- \* Scan
- \* DTMF/PTT ID
- \* TOT
- \* Tail Elimination
- \* Emergency Call
- \* CTCSS 50/ DCS 105 Support Non-standard
- \* BCLO
- \* Voice Report
- \* Programming Encryption

## TECHNICAL SPECIFICATION

GENERAL		TRANSMITTER		RECEIVER	
Frequency Range	UHF: 400-520MHz / 245MHz VHF: 136-174MHz	Output Power	5W	Sensitivity	≤-123dBm @ 25K
RF Output Power	HI Power ≤5W Low Power ≤2W	Modulation	F3E	Selectivity	≤-65dB
Channels	16 Channels	Spurious & Harmonics	-65dB	Intermodulation	≤-55dB
Channel Spacing	Wide: 25Khz Narrow: 12.5Khz	FM Noise	≤-45dB	S/N	≥45dB
CTCSS/DCS	50 CTCSS/ 105 DCS	Audio Distortion	≤5%	Rated Output Power	750mW
Antenna Impedence	50Ω			Rated Audio Distortion	≤5%
Operating Temperature	-20°C 50°C				
Operating Voltage	DC7.4V				
Battery Type	1300mAh Li-ion/1600mAh Li-ion				
Dimension (excluding antenna)	112.5(H)x59(W)x37(D)mm				
Weight (Battery, Antenna Included)	About 230g				

## STANDARD ACCESSORIES



Antenna



Battery



Charger



Adapter



Belt Clip