

# RTS

## DV 4475

## Portable Series

**Durable design, Rock Solid, easy to operate**  
**Working frequency 400~470 Mhz 16 channels**  
2 Watts UHF RF output  
In-built VOX function, hands-free talking  
Prior scanning, in-time answer for multi-channel  
Voice Inversion Scrambler  
In-built CTCSS / DCS functions  
BCLO  
Scratch resistant  
Die Cast aluminum enclosure designed for rugged outdoor use  
Repeater frequency facility  
Battery save function that increases battery autonomy  
With 2200mAh Li-ON battery, 12Hrs for talking duration  
Uses Flash memory E<sup>2</sup> prom  
IP 54 - water & dust  
MIL – STD 810 C, D&E

### Standard Accessories



+ 400~470MHz





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General	
RX and TX Frequency Range	400~470 MHZ
Frequency Control	PLL
Frequency Stability	5ppm
Channel Number	16
Channel Spacing	25 / 12.5 KHz
Power Supply	DC 3.7V 8.14WH (2200mA)
Squelch Method	Carrier wave, CTCSS, DCS
Usable Temperature Range	-10°C ~ +60°C
Louder speaker	500 mW
Dimension	117(H) x 36(D) x 60(W) mm
Weight	250 grams

Specifications are subject to change without notice due to advancements in technology.

Transmitter	
Output power	2/0.5 UHF Watts
TX Current	< 1 Amp 2 watts
Modulation	FM
Audio Distortion	<5%
Audio Response	300~3000Hz(+1,-3dB)6dB/Oct
FM Noise	-40dB/12.5KHz
Harmonic	<-60dB
Max. Deviation	2.5KHz
Adjacent Channel Power	<-60dBc/12.5KHz
Start Time	<70m Sec
Time-out Timer	0-240Sec
Receiver	
Sensitivity	0.25uV(12dB SINAD EIA) 0.5uV (20dB SINAD ETS)typical
Audio Response	300-3000Hz(+1,-3dB) 6dB/Oct
Audio Power output	> 500mW @10%
FM Noise	-40dB/12.5KHz
Selectivity	>60dB/12.5KHz
Intermodulation	>60dB
spurious Rejection	>70dB

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