



# V85 DUAL

## Quick Specification



**99**  
Channels



**5 watts**  
RF Power



**2000mAh**  
Battery Capacity

## Available In:



**Dualband**  
VHF & UHF  
(136-174MHz & 400-470MHz)

## Features:

LCD (DUAL) DISPLAY  
CTCSS & DCS

**1 YEAR PARTS WARRANTY AND LIFETIME SERVICE WARRANTY**

## SUPPLIED ACCESSORIES

ANTENNA  
BATTERY PACK  
HANDSTRAP

CHARGER SET  
BELTCLIP

## OPTIONAL ACCESSORIES

## SPECIFICATIONS

### GENERAL

FREQUENCY RANGE	VHF:136-174 MHz   UHF:400-470MHz
MEMORY CHANNELS	99 channels
FREQUENCY STABILITY	2.5ppm
FREQUENCY STEP	5K, 6.25K, 10K, 12.5K, 20K, 25K
ANTENNA IMPEDANCE	50Ω
OPERATING TEMPERATURE	-20°C to +60°C
SUPPLY VOLTAGE	Rechargeable Lithium-Ion mAh 7.4V/1800
MODE OF OPERATION	Simplex or semi-duplex
DUTY CYCLE	03/03/54 min. (Rx / Tx Standby)

### TRANSMITTER

RF POWER	5W
TYPE OF MODULATION	16K F3E/11K F3E (W/N)
MAXIMUM DEVIATION	≤ ±5kHz/ ≤±2.5kHz (W/N)
SPURIOUS EMISSION	≤7.5uW
ADJACENT CHANNEL POWER	≤-65dB/≤60dB

### RECEIVER

RECEIVER SENSITIVITY	-122dBm (at 12 dB SINAD)
INTERMODULATION	65dB
ADJACENT CHANNEL SELECTIVITY	1W
AUDIO OUTPUT	65dB/60dB
SPURIOUS RADIATION	65dB
	≤380mA