

ABELL[®]
Voice of Abell, Crisp as an apple

ABELL TRANSCEIVER, PROVEN IN ANTARCTICA



**Achieve great wireless communication,
whenever, wherever...**

A-511

- ★ Comfortable to grab, compact and light
- ★ Special designed structure, rugged, durable
- ★ VOX, Hands free operation

ABELL INDUSTRIES CO., LTD

Website: www.abell.com.cn E-mail: sales@abell.com.cn



Standard accessories



BC-510
Rapid charger with
switching power supply



VHF/UHF Antenna



ABC-510P
Plastic belt clip



AB-1251N
High capacity
1200mAh Li-ion Battery

Optional accessories



TH-AE002
Earphone



AE-VL
VOX headset



AE-ATL
Acoustic tube earphone



AC-UL
USB Programming
Cable



AM-EL
Speaker Microphone



AH-L11
Leather carrying case



Hand strap

TECHNICAL SPECIFICATION

GENERAL

Frequency Range	VHF	136-174MHz
	UHF	350-390MHz 400-470MHz
Channel Capacity		16 channels
Channel Spacing		25kHz/12.5kHz
Operating voltage		7.5V
Operation		Semiduplex
Operation Temperature		-30°C-60°C
Antenna Impedance		50Ω
Programming Method		Computer
CTCSS/CDS		✓
Power save		✓
Battery life (1200mAh) as 5-5-90 duty		10 hours
Time out timer		✓
Low Battery Warning		✓
Standard		Mil-std-810C\D\E
Scan		✓
Busy channel lockout		✓
Weight		230g(with battery)
Dimension		53 X125 X32mm

RECEIVER

Sensitivity	≤0.2uv
Operating Bandwidth	± 7kHz/± 3.5kHz
Adjacent Channel Selectivity	≤65/60dB
Intermodulation Rejection	≤65/60dB
Audio Frequency Power	≥1W
Frequency Stability	± 2.5ppm

TRANSMITTER

Output Power	≤5W
Modulation	F3E
Spurious and Harmonics	≥70dB
FM Noise	<40dB
Audio Frequency Distortion	≤5%
Frequency Stability	± 2.5ppm
Max. Frequency Deviation	≤5kHz/2.5kHz

- Due to technology advancements, the technical data of real products maybe slightly different from the above data.
- The physical product may look slightly different from the picture.



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Dealer Area