

## A-81

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### Built to organize and manage different talk groups

- ◆ 128 channels allow you to organize your teams into different talk groups.
- ◆ With 2-Tone/5-Tone and DTMF encode allow you to establish your own working groups and quiet stand-by when others are talking.
- ◆ With PTT ID encode function enabled the user can manage a working team easily.

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### Tough and reliable

- ◆ Shock proof
- ◆ Water proof
- ◆ Dust proof

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### Simple operation

With special designed knobs ensure your accurate operation when wearing gloves.

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### Commonly used advanced features

Three programmable buttons allow users to assign up to 6 commonly-used features, such as power announcement, transmitting alarm signal for 3 seconds to all the radios which on the same working frequency, DTMF transmission, scan, 2-tone/5-tone transmission and monitor.

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### Lithium-ion battery standard

The A-81 comes with a high capacity 1600mAh Li-ion battery pack provides up to 14 hours of use.

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### VOX capability

With VOX capability allows your hands free operation.





## Standard accessories



BC-81  
Rapid charger with  
switching power supply



VHF/UHF Antenna



ABC-81P  
Plastic belt clip



AB-L1681  
High capacity  
1600mAh 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-L81  
Leather carrying case



ABC-81S  
St. steel belt clip



Hand strap

## TECHNICAL SPECIFICATION

### GENERAL

Frequency Range	VHF 136-174MHz
	UHF 400-470MHz
Channel Capacity	128 channels
Channel Spacing	25kHz/12.5kHz
Operation	Semiduplex
Operation Temperature	-20°C-60°C
Programming Method	Computer
CTCSS/CDS	✓
DTMF	✓
2-Tone, 5-Tone	✓
Power save	✓
Battery life (1600mAh) as 5-5-90 duty	14 hours
Time out timer	✓
Low Battery Warning	✓
Audio Output	1W
Standard	MIL-std-810C(D/E)
Waterproof	✓
Scan	✓
Easy to repair	Yes
Weight	350g(with battery)
Dimension	50 X 120 X 30mm

### RECEIVER

Sensitivity	0.18uv
Operating Bandwidth	± 7kHz/± 3.5kHz
Adjacent Channel Selectivity	65dB
Intermodulation Rejection	60dB
Spurious Response Rejection	70dB
Audio Frequency Power	1W/(distortion)<5%
Frequency Stability	± 2.5ppm

### TRANSMITTER

Output Power	≤ 5W
Modulation	F3E
Spurious and Harmonics	70dB
FM Noise	45dB
Audio Frequency Distortion	< 5%
Frequency Stability	± 2.5ppm
Max. Frequency Deviation	± 5kHz/± 2.5kHz

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



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Dealer Area