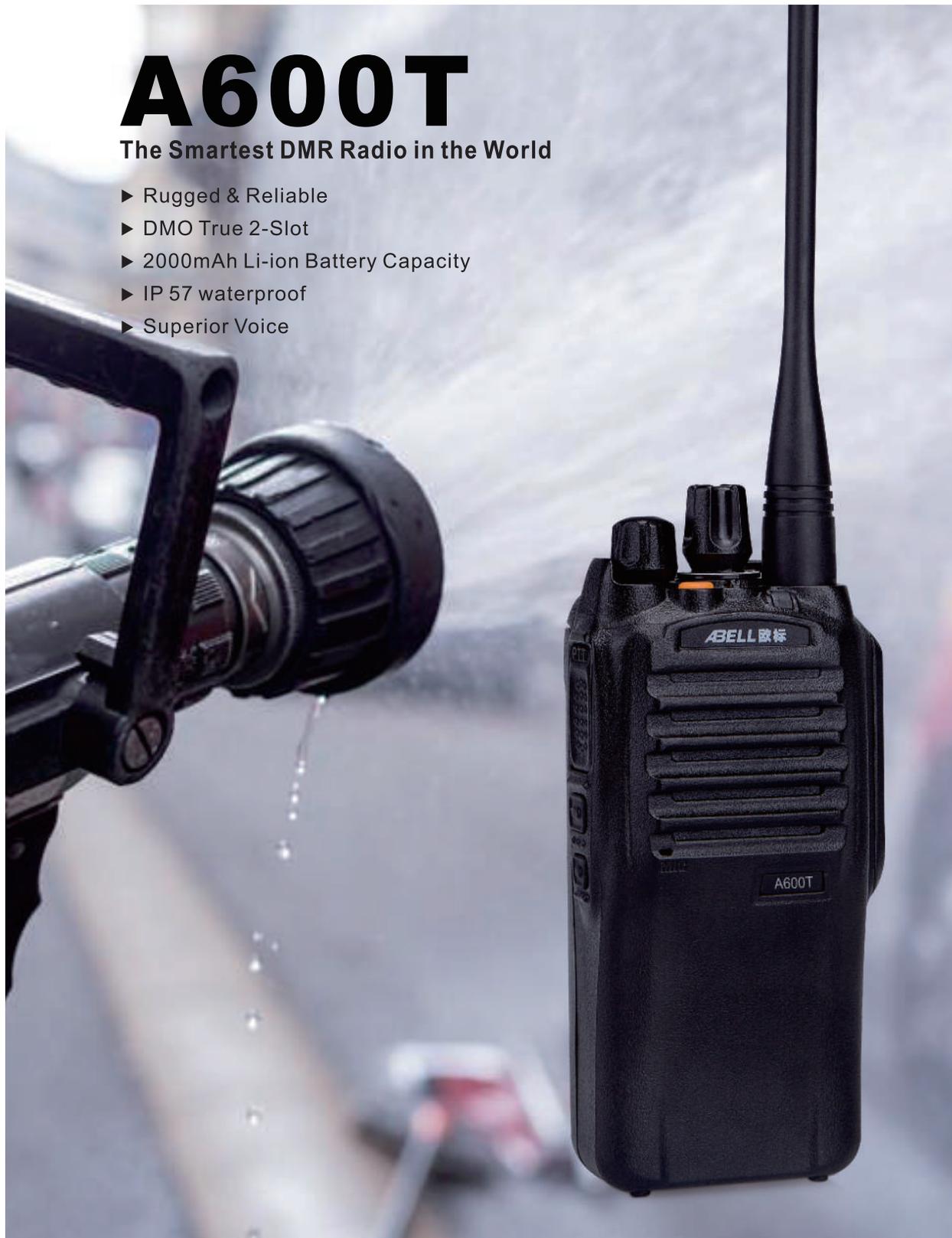


A600T

The Smartest DMR Radio in the World

- ▶ Rugged & Reliable
- ▶ DMO True 2-Slot
- ▶ 2000mAh Li-ion Battery Capacity
- ▶ IP 57 waterproof
- ▶ Superior Voice



ABELL IS ABLE to ensure your professional wireless communication.

RUGGED & RELIABLE

Rigid aluminum alloy casting technique with PC+ABS housing design make A-600T can bear over a ton weight of extrusion.

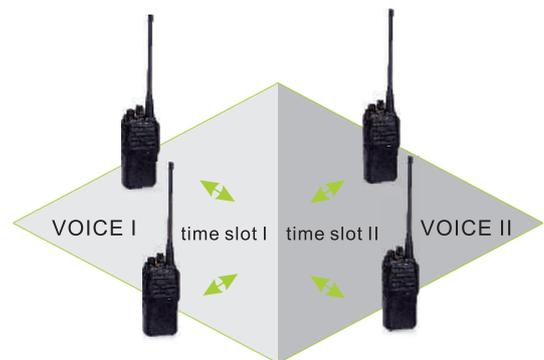


SUPERIOR VOICE

With the original creation of automatic drainage speaker in combination with 1.5W audio output power and 40mm Large diameter speaker, A-600T radios are capable of ensuring your voice is clear and crisp even in noisy environments or at the edge of the coverage area.

DMO TRUE 2 - SLOTS

In direct mode, you can have two voice calls simultaneously from DMR 2 - slots. This feature can be used to increase the radio capacity at no extra costs or frequency license.



TELEPHONE INTERCONNECTION, REMOTE COMMUNICATION

Plug in program-controlled telephone lines in the R-80 port, the communication between telephone and A600T can be achieved.

Applications



Outdoor Sport



Property Management of Residence



Government and School



Factory And Mine Field



Construction Site And Light Industry



Hotel, Restaurant and Mall



Standard Accessories



BC-60
Charger



AB-L2060
Li-ion Battery



Belt Clip



Long Antenna



Hand Strap

Optional accessories



Long Antenna



Car charge



AM-EL(s)



CA-6



AE-DH(L.S)



AE-HS
Earphone



AE-ATS
Acoustic tube
earphone



AE-CS
Earphone



Leather carrying
case



AC-UL USB
Programming
Cable

General Specification

Frequency Range	VHF: 136-174MHz UHF: 400-470MHz 440-480MHz 350-400MHz
Channel Capacity	16CH
Channel Spacing	25 KHz/12.5 KHz
Operation Temperature	-25°C~+60°C
Operation Voltage	7.4VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery Life (5-5-90 duty cycle)	1200mAh Li-ion: 9.9 hours (Analog); 13.4 hours (Digital) 2000mAh Li-ion: 16.6 hours (Analog); 22.3 hours (Digital)
Dimension	115 *53*32mm
Weight	275g

Receiver Specification

Sensitivity (12dB SINAD)	25K \leq -121dBm 12.5K \leq -119dBm
SNR (Signal-To-Noise Ratio)	25K \geq 45 dB 12.5K \geq 40 dB
Adjacent Channel Selectivity	25K \geq 65 dB 12.5K \geq 60 dB
Intermodulation immunity	25K \geq 60 dB 12.5K \geq 55 dB
Spurious Respond Rejection	\geq 65 dB
Audio Output Power	\geq 1000 mW
Sensitivity (Digital)	5%BER:0.3 μ V
Audio Distortion	\leq 5%
Frequency Stability	\pm 2.5ppm

Transmitter Specification

RF Power	H: 4 W L: 1.5 W
Modulation Type	25K/16K Φ F3E 12.5K/8K Φ F3E
4FSK Digital Modulation	12.5 kHz Data 7k60FXD 12.5 kHz Data and Audio 7K60FXW
Digital Vocoder	AMBE++ or SELP
Digital Protocol	ETSI-TS102 361-1,-2
Spurious and Harmonics	\geq 70 dB
Residual FM	25K \leq -45 dB 12.5K \leq -40 dB
Audio Distortion	\leq 5%
Frequency Stability	\pm 2.5 ppm
Max. Frequency Deviation	25K \leq 5 kHz 12.5K \leq 2.5 kHz

- Li-ion battery operation temperature -10°C~+60 °C
- Specifications above may be updated for our continuous technology improvements.



Dealer Area

ABELL INDUSTRIES CO., LTD

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