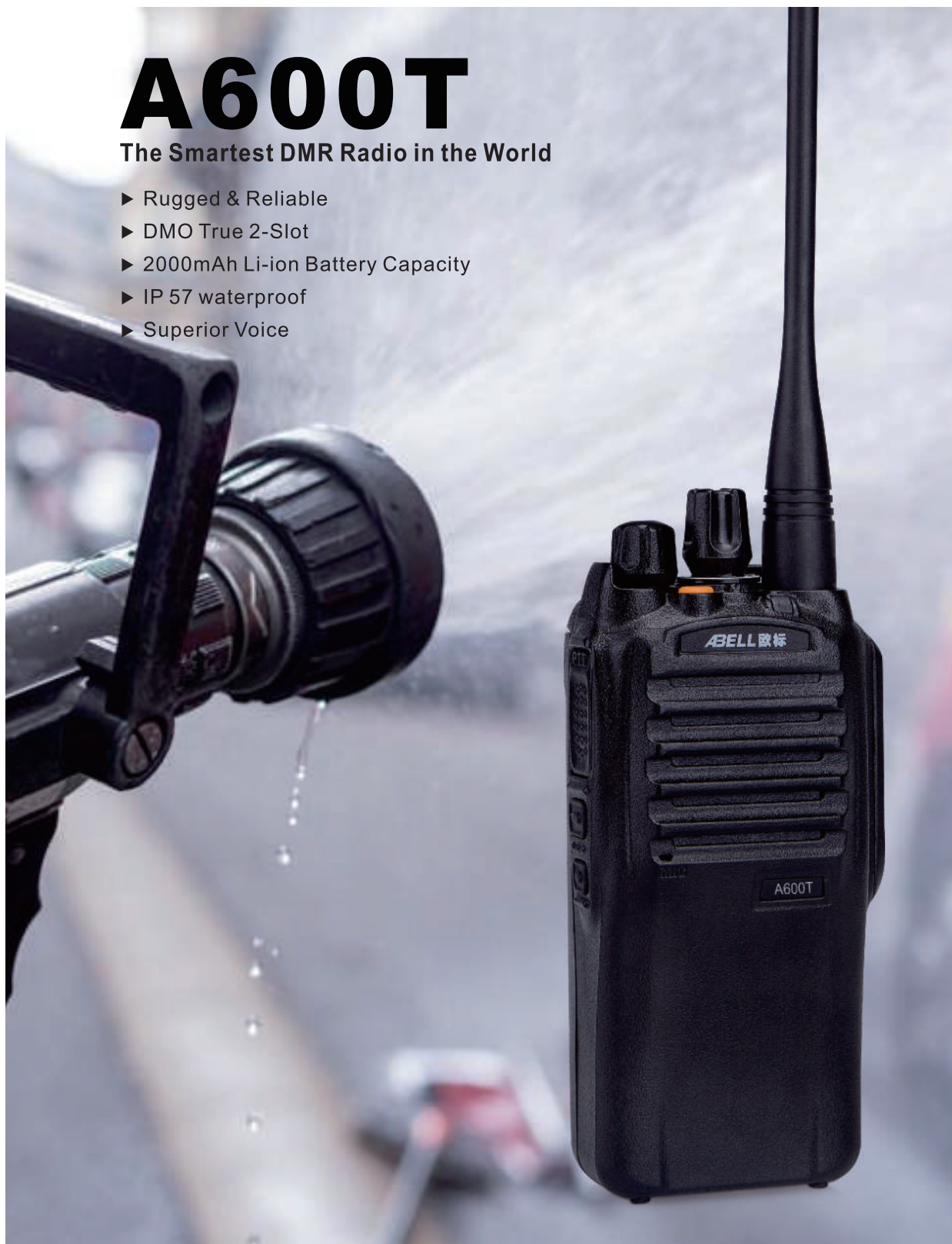


A600T

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.

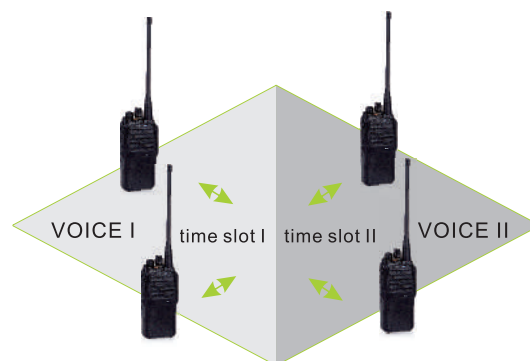


SUPERIOR VOICE

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≤-121dBm 12.5K≤-119dBm |
| SNR (Signal-To-Noise Ratio) | 25K≥45 dB 12.5K≥40 dB |
| Adjacent Channel Selectivity | 25K≥65 dB 12.5K≥60 dB |
| Intermodulation immunity | 25K≥60 dB 12.5K≥55 dB |
| Spurious Respond Rejection | ≥65 dB |
| Audio Output Power | ≥1000 mW |
| Sensitivity (Digital) | 5%BER:0.3 μV |
| Audio Distortion | ≤5% |
| Frequency Stability | ±2.5ppm |

Transmitter Specification

| | |
|--------------------------|---|
| RF Power | H: 4 W L: 1.5 W |
| Modulation Type | 25K/16KΦF3E 12.5K/8KΦF3E |
| 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 | ≥70 dB |
| Residual FM | 25K≤-45 dB 12.5K≤-40 dB |
| Audio Distortion | ≤5% |
| Frequency Stability | ±2.5 ppm |
| Max. Frequency Deviation | 25K≤5 kHz 12.5K≤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