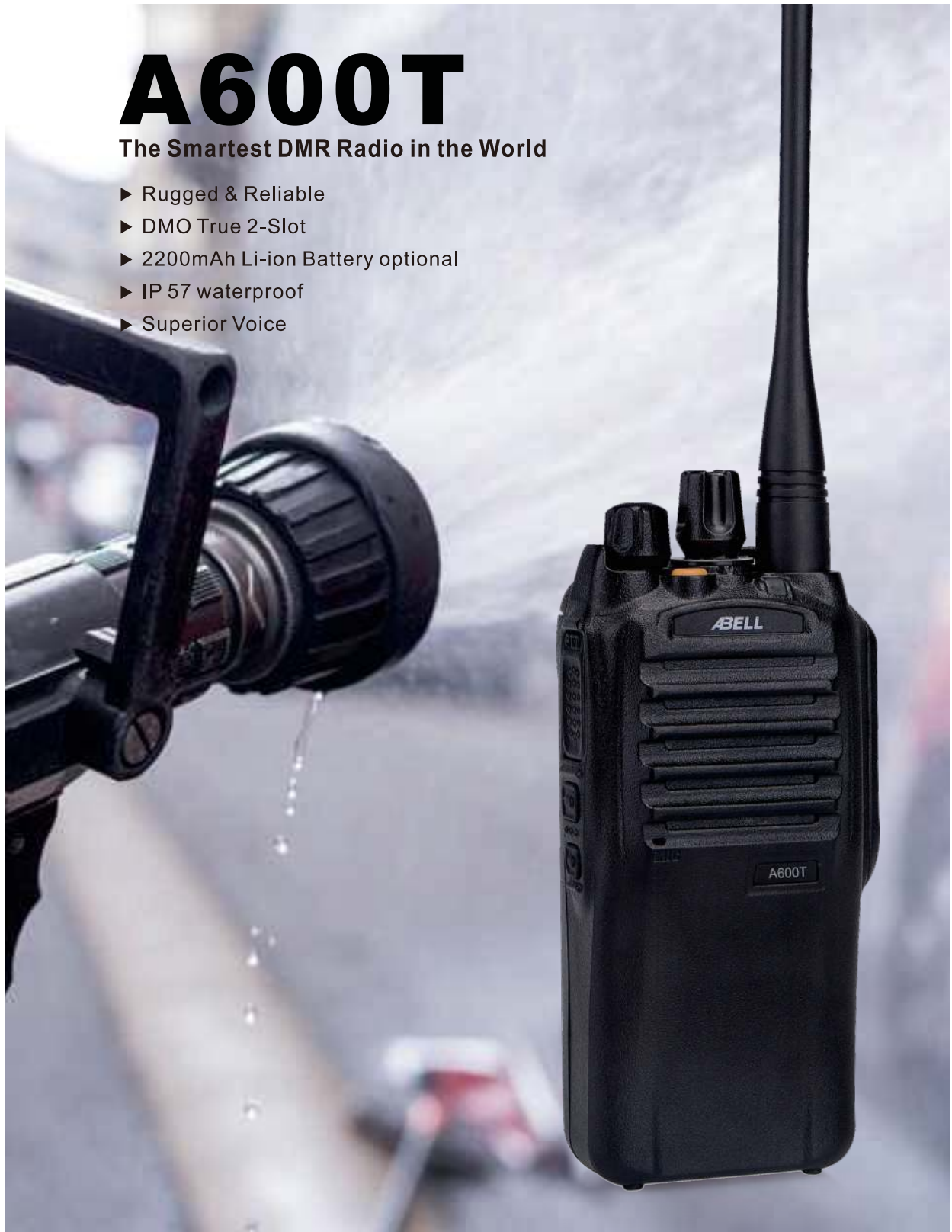


A600T

The Smartest DMR Radio in the World

- ▶ Rugged & Reliable
- ▶ DMO True 2-Slot
- ▶ 2200mAh Li-ion Battery optional
- ▶ 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.

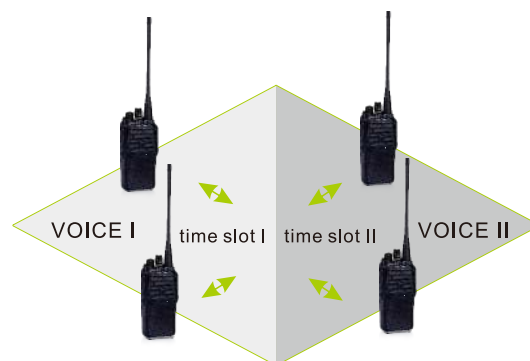


SUPERIOR VOICE

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-51
Charger



Power Adapter



AB-L1660
Li-ion Battery



Antenna



Belt Clip



Hand Strap

Optional accessories



Stubby



AB-L2260
Li-ion Battery



CA-6



Leather carrying case



AC-UL USB
Programming Cable



Hand strap

General Specification

Frequency Range	UHF: 400-480MHz 350-400MHz
Channel Capacity	32CH
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	Li-ion DC 7.4V 1600mAh Li-ion DC 7.4V 2200mAh(Optional configuration)
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

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