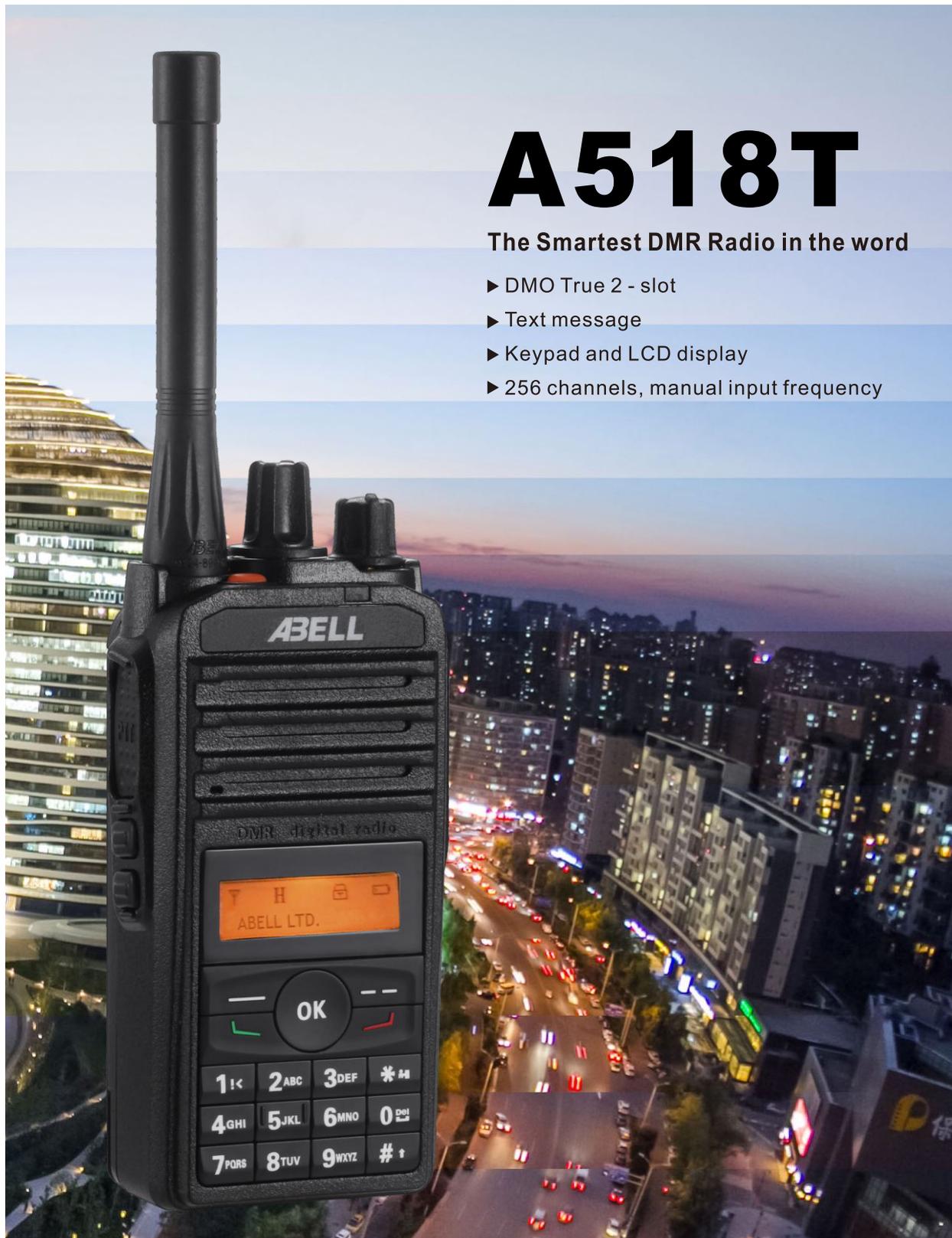


A518T

The Smartest DMR Radio in the world

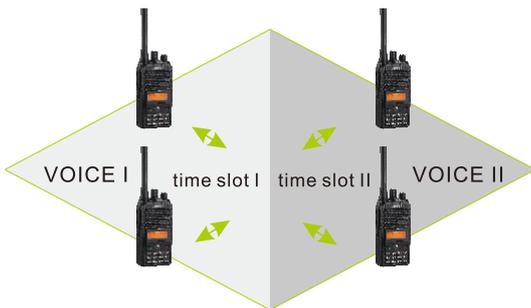
- ▶ DMO True 2 - slot
- ▶ Text message
- ▶ Keypad and LCD display
- ▶ 256 channels, manual input frequency



ABELL IS ABLE to ensure your professional wireless communication.

ID DISPLAY

In the communication, A-518T screen can display the caller's ID in real time, so that the user can identify the caller in time.



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.

ANALOG & DIGITAL DUAL MODES

A518T can support both analog and digital modes on the same hardware with the function of dual modes scanning. The feature can provide you a smooth transition from analog to digital to reduce the cost of updating your communication system.



TELEPHONE INTERCONNECTION, REMOTE COMMUNICATION

Plug in program-controlled telephone lines in the R-80 port, the communication between telephone and A-518T 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



AB-L1651
Li-ion Battery



Belt Clip



Short 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 470-512MHz
Channel Capacity	256CH
Channel Spacing	25 KHz/12.5 KHz
Operation Temperature	-25°C~+60°C
Operation Voltage	7.4VDC
LCD Resolution	128X32
LCD Size	10X32mm
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery	Li-ion DC7.4V 1600mAh
Dimension	104.5 *52*33.5mm
Weight	252g

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)	0.3 μ V/BER5%
Audio Distortion	\leq 5%
Frequency Stability	\pm 2.5ppm

Transmitter Specification

RF Power	VHF H: 5 W L: 1.5 W UHF 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++
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



Dealer Area

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