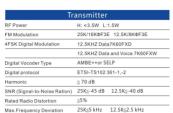
# **Specifications**

Ge	eneral Specification
Frequency Range	VHF:136-174MHZ
	UHF:400-480MHZ 350-400MHZ 450-520MHZ
Channel Capacity	32CH
Channel Spacing	Analog: 12.5KHz/25KHz Digital: 12.5KHz
Operation Temperature	-25°C~+60 °C
Operation Voltage	7.5VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2ΚΩ
Frequency Stability	±1.5 ppm
Battery Capacity	Li-ion DC7.4V 2400mAh
Standby Time	72 hours( 2400mAh)
Dimension (height'width'thickness)	118.5mm*53.8mm*31mm
Weight	138.5g(radio body) / 268.4g(with battery and antenna

	Receiver
Sensitivity(12dB SINAD)	25K≦-122dBm 12.5K≦-122dBm
SNR	25K≥45 dB 12.5K≥40 dB
Adjacent Channel Selectivity	25K≥65 dB 12.5K≥60 dB
Intermodulation	25K≥60 dB 12.5K≥55 dB
Spurious Response Rejection	≧65 dB
Audio Output Power	≥1000 mW
Sensitivity Digital	0.18µV/BER5%
Rated Audio Distortion	≤ 5%

<sup>.</sup> All specifications are subject to change without notice due to continuous development.





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





**Intrinsically Safe, Higher Performance** 

A530T DMR radio

Standby time increased by 86.7%

Volume increased by 100%

CNEX: Exib IIB T4 Gb Exib IIC T130C Db



# **Application**



Oil & Gas



Coal transportation



Steel manufacturing



Fire rescue

Manufacturing



Industrial mining

## Super Loud, Long Endurance, Short Delay, High Reliability

## Super loud

With the new sound cavity and circuit design, the A530T has clear and loud voice even in noisy environment, twice as loud as the previous model A5 Series. (Data provided by ABELL Laboratory)

#### Long endurance

Low power consumption design, with 7.4V 2400mAh large -capacity lithium battery, standby time is up to 72 hours. 86.7% increased comparing with previous, digital 5-5-90 test battery life can be 27.4 hours, 50% improved comparing with previous, easily cope with staff who need to dispatch and command for a long time. (The data is calculated according to the general standard formula)

### Short delay, quick response

The new optimized circuit design, A530T go online faster. with lower latency, and fast communication without losing words.

### Dual mode (digital & analog)

Smooth transition from analog to digital

## High reliability

Full Al-alloy chassis, PC+ABS housing, equipped with a full PC1414 GE formula plastic battery shell, greatly improves the drop and pressure resistance of the radio. IP56 rate improves the rainproof performance.

#### Voice broadcast

Support channel and battery power level announcements, easy to know the current channel number and real-time battery level for timely charging.

#### TDMA 2 slots at direct mode

2 slots of 1 frequency can be used to 2 talk groups, reduce user frequency application and usage fees.

### VOX (hands free)

Specific for users who are not available to push PTT key to talk, with the VOX feature user can activate the PTT by voice directly, without pressing PTT key.

## Standard Accessories



Charger

BC-780A





AB-L2452Ex



Belt clip

AM-MS-T





Antenna

Lanyard

**Optional Accessories** 







Speaker Microphone Speaker Microphone AM-MS





Earphone

Programming cable