



TH943D LTE & DMR Hybrid Radio

- Full Compatibility with DMR Tier II
- 4-inch High-Definition LCD
- Dedicated PTT Key & Emergency Key
- Compatible Accessory Interface
- IP65 Protection Level
- 4500mAh Removable Lithium Battery
- Built-in DMR to PoC Gateway

SPECIFICATIONS

General	
CPU	MT6739 Quad Core 1.5G
Memory	2 + 16GB
Android OS	Android 9.0
Display	4-inch 800 × 480 Resolution LCD
Touch Panel	Multi-point Capacitive TP
Camera	8M (Rear) / 5M (Front)
SIM Slot	Dual Nano SIM Slot
Programmed Keys	PTT / Emergency / Knob
Sensor	Gravity Sensor / Compass / NFC
Indicator	Tri-Color LED
Speaker	Front Speaker

DMR	
Frequency Range	UHF 400 ~ 470MHz VHF 136 ~ 174MHz (Customized)
Channel Space	12.5KHz / 25KHz
Channel Capacity	1000 (Customized)
Transmitter Power	2W (High) / 0.5W (Low)
Receiver Sensitivity	-121dBm@12dB SIND (Analogue) -117dBm@1% BER (Digital)
Frequency Stability	±1ppm
Security	AES128/256, ARC4
Vocoder	AMBE++

Connectivity	
USB	USB Type C 2.0 / Pogo Pin
WIFI	802.11 b/g/n/ac 2.4G + 5.8G
Bluetooth	BT4.0 BR/EDR + LE
GNSS	GPS / A-GPS / Galileo / GLONASS
Public Network	GSM / WCDMA / TD-LTE / FDD-LTE
Private Network	DMR Tier II / FM

Battery	
Capacity	4500mAh Removable
Type	Lithium Polymer
Charging	2A@5V
Dock Charger	Optional

Reliability	
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +70°C
Humidity	≤ 93%
ESD Protection	±6KV (Contact) / ±12KV (Air)

Physical	
Dimension	143 × 69 × 26mm
Weight	375g (with Battery)

ACCESSORIES

					
Battery	Adapter & Cable	Antenna	Back Clip	Crowbar	User Manual

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