

BN800

HYBRID INTELLIGENT HANDHELD

HYBRID POWERED MISSION SECURED



Android 14



Dual Button
Design



Broadband &
Narrowband



IP68 &
MIL-STD-810H



5.0" HD
Touch Screen



High Capacity
Battery



4W
Transmit Power



AI-powered
Noise Cancellation



GENERAL SPECIFICATIONS

BN800



PHYSICAL CHARACTERISTICS

Dimension	150.3*67.8*26.3mm
Weight	378g

ENVIRONMENTAL

Ingress Protection	IP68
Drop Test	1.2m
Working Temperature	20°C to + 55°C
Storage Temperature	-40°C to + 70°C
Humidity	0~95% RH

INTERACTION & DISPLAY

Display	Diagonal Dimension:5"
	Resolution:720*1520
	Touch Panel:5 points multi-touch Rugged:Corning Gorilla Glass 3
Indication	Tri-color LED:Red, Blue, Green
Buttons and keyboards	Top: Rotary Channel Knob/Emergency Button/Channel Switch
	Left: Power Button/DMR PTT Button/ POC PTT Button
	Right: Volume+/Volume- Button Front: Multi-task/Home/Back Key

HARDWARE

Processor	MTK6765 Octa-core 2.2Ghz,12nm
Memory	4GB RAM + 64GB ROM
Camera	Front:8MP; Rear:13MP, with Flashlight
SD Card	Max 256GB
Battery	3250mAh, 25.155 Wh(7.7 V), Li-Polymer, Removable
Sensor Platform	Gravity sensor, Light sensor, Gyroscope, Proximity sensor, Geomagnetic sensor
Fingerprint	Support

CONNECTIVITY

Cellular Network	GSM: B2/3/5/8
	WCDMA: B1/2/4/5/8
	LTE TDD: B34/38/39/40/41
	LTE FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28A/28B/66

VoLTE & ViLTE & VoWiFi	Support
WiFi	5GHz & 2.4GHz, IEEE 802.11 a/b/g/n/ac
Bluetooth	5.0 BLE
Location	GPS, A-GPS, Glonass, Beidou
NFC	Support

NARROWBAND

Frequency Range	UHF(400 MHz~470 MHz)
Standard	DMR/Analog
Transmit Power	4W
Scan & roaming	Supports
Channel Spacing	Digital:12.5kHz,Analog:12.5kHz/25KHz

INTERFACE

Card Slot	Nano-SIM Card Slot * 2 Micro-SD Card Slot * 1
Audio interface	M6 Radio Grade Audio Jack * 1
USB Connector	Type-C USB 2.0 * 1
Desktop Charger Interface	Desktop Charger Interface *1

OPERATING SYSTEM

Version	Android 14
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AUDIO

Dual Microphone	Dual-Mic, Noise Cancellation
Speaker	φ3040mm, 3W Built-in Speaker

STANDARD ACCESSORIES

Type-C USB Cable	*1
Travel Charger	*1
Battery	*1
Antenna	*1
Quick Start Guide	*1

OPTIONAL ACCESSORIES

Power	Desktop Charger
	Multi Unit Charger
	Remote Speaker Microphone
External Audio	PTT Earphone
	Airtube PTT Earphone

Telo Communication (Shenzhen) Co.,Ltd

	Tel: +86 755 86950766		Web: www.telox.com
	Fax: +86 755 86950708		Email: sales@telox.com
	Add: B1305, Huizhi R&D Center, Longteng Community, Xixiang , Bao'an District, Shenzhen,518102		



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