



HIMALAYAN

# BLAZE Z4

License Free 446 - 446.2 MHz Transceiver

# BLAZE Z4



Seamlessly Cover  
Upto

# 7 Km







**Emergency RED Alarm Button**



**Bright 120 Lumens Torch**



**2800 mAh Battery**



**High Gain Antenna**



**Crystal Clear Audio**



**Type C Charging**

## Hidden Display

CTCSS or DCS Code Indication

ZONE number  
Channel number



VOX indication On/Off

Battery Symbol  
Signal Strength Indicator

## Specifications

Frequency Range	PMR 446.0-446.2MHz
Working Voltage	DC 7.4V
Channel Number	256 (16 zones having 16 channels each)
Antenna Impedance	50Ω
Channel Spacing	12.5KHz
Frequency Stability	±1.5ppm
Operating temperature	-20℃~+55℃
Battery Capacity	2800mAh(Li-ion)
Dimensions	128x 53x 31mm(without antenna)
Weight	320g (with antenna and battery)

## Transmitter

Output Power	0.5W
Modulation	F3E
Current	≤1.2A
Modulation distortion	≤5%
Max frequency deviation	≤2.5KHz
Remanent Modulation	≤-35dB

## Receiver

RF Sensitivity	≤0.3μV
Silentsensitivity	≤0.25μV
Audio frequency power	≥250mW
Related audio distortion	≤5%
Modulation receiver bandwidth	±7KHz
Spurious rejection	≥55dB
Selectivity	≥65dB
Inter-modulation	≥60dB

## Functions

- VOX hands-free function
- Voice Companding function
- Voice scrambler Function
- Frequency Hopping Function
- Alarm Modes
- Scan function
- CTCSS and DCS
- One-key data copy
- DCS encryption
- Busy Channel Lockout(BCL)
- Adjust squelch level
- Monitor
- Time-out timer (TOT)
- Battery save
- Torch Light

## Box Contents

