



(Scan QR code)

ET-R51

Professional Digital Portable radio

- Duplex mode, Relay Function, Multi-level networking
- Wide signal coverage range
- Independent algorithm, Never cross frequency
- Clear sound quality
- Same frequency simplex/ Different frequency simplex

Scope of application



Tunnel

Basement

Woodland

Construction site



General Specifications

| | |
|-----------------------|----------------------------------|
| Frequency Range | UHF:400-470MHz |
| Channel | 16 |
| Operating temperature | -20°C~+60°C |
| Weight | 285g |
| Dimensions | 145*64*38 mm (Excluding antenna) |
| Battery | 2500mAh |
| Operating Voltage | DC 7.4V |

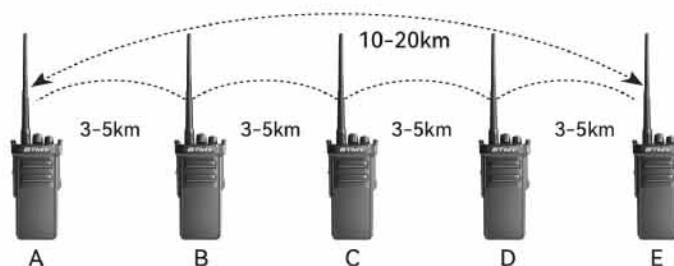
Transmission Part

| | |
|----------------------------|-----------------------------|
| Output Power | ≤ 5W |
| Modulation | 16KφF3E 11KφF3E |
| Maximum frequency offset | <5 KHz / <2.5KHz |
| Audio response | +1dB~-3dB |
| Modulation Distortion | ≤5% |
| Clutter Radiation | ≥60dB |
| Signal to Noise Ratio | -45dB/-40dB |
| Emission Current(High/Low) | 1A/ 0.6A |
| CTCSS/DCS | 0.65KHz±50Hz / 0.37KHz±30Hz |
| Modulation Sensitivity | 12mV |

Receiving Part

| | |
|------------------------------------|----------------------------|
| Sensitivity (broadband/narrowband) | 0.22μV/ 0.25μV 12dBm SINAD |
| Intermodulation | 0.22μV/ 0.25μV 12dBm SINAD |
| Audio power | ≤1W (16Ω) |
| Blocking | ≥85dB |
| Receiving Current | ≤500mA |
| Waiting Current | ≤70mA |
| Clutter suppression | ≥70dB |
| Storage temperature | |
| Storage temperature | -20°C~ +60°C |

Repeat function



All Accessories

