

TECHNICAL SPECIFICATIONS

| General | |
|-----------------------|---|
| Frequency Range | VHF:136-174MHz VHF:350 -390MHz UHF:400-480MHz UHF:450-520MHz |
| Channel Capacity | 128 channels |
| Channel Spacing | 25KHz (Wide Band) 20KHz(Middle Band) 12.5KHz (Narrow Band) |
| Phase-locked Step | 5KHz, 6.25KHz |
| Operating Voltage | 7.4V DC \pm 20% |
| Battery Life | More than 14 Hours (1500mAh), by 5-5-90 work cycle |
| Frequency Stability | \pm 2.5ppm |
| Operating Temperature | -20°C ~ +55°C |
| Size | 260×60×35mm (with battery pack, antenna) |
| Weight | 208 g (with battery pack, antenna) |

| Receiving Part(ETSI EN 300 086 Standard Test) | | |
|---|---------------------|---------------------|
| | Wide band | Narrow band |
| Sensitivity(12dB SINAD) | \leq 0.25 μ V | \leq 0.35 μ V |

| | | |
|------------------------------|-----------------------|--------------------------|
| Adjacent Channel Selectivity | \geq 70dB | \geq 60dB |
| Intermodulation | \geq 65dB | \geq 60dB |
| Spurious Rejection | \geq 70dB | \geq 70dB |
| Audio Response | +1~-3dB (0.3~3KHz) | +1~-3dB (0.3~2.55KHz) |
| Hum & Noise | \geq 40dB | \geq 36dB |
| Audio Distortion | \leq 5% | |
| Audio Power Output | 1000mW/10% | |

| Transmitting Part(ETSI EN 300 086 Standard Test) | | |
|--|-----------------------|--------------------------|
| | Wide band | Narrow band |
| Power Output | 5W/2W/0.5W | |
| Modulation | 16K Φ F3E | 11K Φ F3E |
| Adjacent Channel Power | \geq 70dB | \geq 65B |
| Hum & Noise | \geq 40dB | \geq 36dB |
| Spurious Emission | \leq -36dB | \leq -36dB |
| Audio Response | +1~-3dB (0.3~3KHz) | +1~-3dB (0.3~2.25KHz) |
| Audio Distortion | \leq 5% | |

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