

LK-168A Operation Description

The product converts car power 12V to stable 9V. Microphone receives the mobile speaker sound to audio electrical signal, pass to oscillating crystal 7.6MHz (for car radio) FM, then to antenna selecting 88.1MHz and 107.1MHz. The audio signal connect to oscillating crystal 26.975MHz (for earphone) FM, then to antenna selecting 107.9MHz. While working the charging block recharges Li battery and control oscillator: stop oscillating crystal 7.6MHz when not charging, and stop the oscillating crystal 26.975MHz when charging. The earphone is simple FM receiver, and only work at 107.9MHz.

Specification:

Main Unit:

1. Transmission Frequency: FM 88.1/107.1MHz (using car radio); FM 107.9MHz (using earphone)
2. Type of modulation: FM
3. Transmission distance in open air: 3 meters
4. Power supply: DC 9-14V, 80mA
5. Input port: microphone

Earpiece:

1. Reception Frequency: FM 107.9MHz
2. Output: 0.6mw, 20Hz-20kHz
3. Continuous talking time after each charging: 2 hours