



## XRF01 2.4GHz RF module user manual

### 1. Introduce

In traditional way, the R/C customers use the AM/FM band transmitter and receiver to control their models. They meet so many glitch and noise in real playing. In order to make their models more safety, we develop a new way to take out the noise and cut down the glitch. It's worked on the 2.4GHz. 2.4GHz is a world wide ISM frequency band. Take it combo with the R/C technology, the engineer will take more skills and let the kits more reliable and safety than before.

### 2. XRF01

XRF01 2.4GHz RF module is the engineered to meet the need of short range R/C application, which with low cost, low power wireless control. The module is more reliable in transfer data than FM module.

The XRF01 worked at the world wide free 2.4GHz ISM frequency band. With small size, low power and enough control range for this application. We use the NORDIC's 2.4G chip and application circle which published in its dada sheet. It's a single-chip radio transceiver, consists of a fully integrated frequency synthesizer, a power amplifier, a crystal oscillator and a modulator.

### 3. Features

### 4. Electronic date

Operating voltage range: 4.5v to 10v

Out put power : 10dBm (10mW)

Size: 42\*38\*12

Weight: 50g

Band: 2400~2483MHz

## 5. Interface PIN describe

## 6. Applications

