

## An explanation on Frequency Hopping system

1. Scope of frequency used in this product is limited between 2410.875 MHz and 2471.625 MHz, which is divided into 19 channels (channel 0 to channel 18) with an interval of 3.375 MHz every two channels, and each channel 's working time is 4.04 ms, in which TX keeps transmitting for 3.68 ms, and at non-transmitting state for 0.36 ms.

2. The initial serial numbers of difference pairs aren't identical because it is a fixed serial number of frequency hopping for every pair of units, which is generated when establish code link, also, acquired manner of frequency hopping of every pair is at random. It hop 248 times per second.

3. Below is the corresponding table of channels No. and channels' frequencies.

working channel	Channel No.	Frequency (MHz)
	0	2410. 875
	1	2414. 25
	2	2417. 625
	3	2421
	4	2424. 375
	5	2427. 75
	6	2431. 125
	7	2434. 5
	8	2437. 875
	9	2441. 25
	10	2444. 625
	11	2448
	12	2451. 375
	13	2454. 75
	14	2458. 125
	15	2461. 5
	16	2464. 875
	17	2468. 25
18	2471. 625	