MT-602 SPC

1. (Frequency Range):2405～2455MHz.

2. (Type of Modulation):GFSK

3. (Channels):51

4. (Occupied Bandwidth):360KHz.

5. (Channel Separation):1MHz.

6. (RF Output power): <18dBm.

7. (Antenna Gain): 2dBi

8. (Antenna type): Monopole Antenna

9. (Data rate):250k/bps Max.

10. (Communication):One-way.

11. Frequency hopping NO.: 40 channels will be used in a select group of channels

12、Power

DC 1.5V*4 cell "AA" alkaline battery

frequency hopping spread spectrum (FHSS) system works by hopping from one frequency channel to another in a unknown sequence out of a select group of channels. The system frequency hops between 40 channels. If it is determined that one of the 40 hopping channels is found to be noisy or poor due to other RF interference, then a new channel is selected from the 40 unused channels, This repeats whenever a noisy or poor channel is detected,.The sequential hops is no any order can follow, is completely random.

Pseudorandom Frequency Hopping Sequence Table as below:

Channel: 08, 24, 40, 26, 42, 09, 01, 33, 41, 35, 23, 43, 19, 06, 22, 04, 20, 36, 38, 46, 50, 28, 21, 29, 10, 44, 15, 13 etc.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

13 、Channel List

Channel	List				
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2405	18	2422	35	2439
02	2406	19	2423	36	2440
03	2407	20	2424	37	2441
04	2408	21	2425	38	2442
05	2409	22	2426	39	2443
06	2410	23	2427	40	2444
07	2411	24	2428	41	2445

08	2412	25	2429	42	2446
09	2413	26	2430	43	2447
10	2414	27	2431	44	2448
11	2415	28	2432	45	2449
12	2416	29	2433	46	2450
13	2417	30	2434	47	2451
14	2418	31	2435	48	2452
15	2419	32	2436	49	2453
16	2420	33	2437	40	2454
17	2421	34	2438	51	2455