

**WT5001 Protocol command format**

		Start code	Length	CMD	Parameter 1 [1byte]	Parameter 2 [1byte]	Parameter 3 [1byte]	Parameter 4 [1byte]	End code	Return
1	Specify the files in SD card to play	7E	04	A0	00 [High bit of songs]	01 [Low bit of songs]			7E	
2	Specify the files in SPI Flash to play	7E	04	A1	00 [High bit of songs]	01 [Low bit of songs]			7E	
3	Specify the files in U disk to play	7E	04	A2	00 [High bit of songs]	01 [Low bit of songs]			7E	
4	Pause	7E	02	A3					7E	
5	Stop	7E	02	A4					7E	
6	Next song	7E	02	A5					7E	
7	Previous song	7E	02	A6					7E	
8	Volume control	7E	03	A7	1F [Volume level]				7E	
9	Combine to play	7E	04	A8	00 [High bit of songs]	01 [Low bit of songs]			7E	
10	Set playing mode	7E	03	A9	00: single and no cycle (default) 01: single and cycle 02: all songs cycle 03: random play				7E	
11	Instruction of copy the content from SD card to SPI FLASH	7E	03	AA	00				7E	
12	Instruction of copy the content from U disk to SPI FLASH	7E	03	AB	00				7E	
13	Instruction of insertion	7E	04	AC	00 [High bit of songs]	01 [Low bit of songs]			7E	
14	Clock. Set data information	7E	06	B1	2011 [Year/2bytes]		05 [Month]	05 [Day]	7E	
15	Clock. Set time information	7E	05	B2	20 [Hour]	05 [Minute]	05 [Second]		7E	
16	Clock. Set waking up time information	7E	05	B3	0A [Hour]	05 [Minute]	05 [Second]		7E	
17	Clock. Set information of time period	7E	06	B4	0A [Hour]	05 [Minute]	0A [Hour]	08 [Minute]	7E	
18	Clock. Clear the information of timing	7E	02	B5					7E	
19	Clock. Clear the information of time period	7E	02	B6					7E	
20	Read the current volume value	7E	02	C1					7E	Volume value(00-1F)
21	Read the current playing state	7E	02	C2					7E	01: Play, 02: Stop, 03: Pause
22	Read the total number of files in SPI Flash	7E	02	C3					7E	Total number of files
23	Read the total number of files in SD card	7E	02	C4					7E	Total number of files
24	Read the total number of files in U disk	7E	02	C5					7E	Total number of files
25	Read the current audio file name	7E	02	C6					7E	XX XX
26	Read iSound.mp3 file "cf" character	7E	02	C7					7E	XX XX XX XX
27	Read the current data information	7E	02	D1					7E	Year(2bytes) Month(1byte) Day(1byte)
28	Read the current time information	7E	02	D2					7E	Hour(1byte) Minute(1byte) Second(1byte)