

| | A | B | C | D | E | F | G |
|----|-----------------------|--------------------------|---|-------------------------------|---------------------------------------|--|---|
| 1 | BY8301-16P command | MP3-FLASH-16P command | Function | Send command [With checksum] | Send command [Without calibration] | Notes | Parameters |
| 2 | 0x03 | 0x01 | [The next song] | 7E FF 06 01 00 00 00 FE FA EF | 7E FF 06 01 00 00 00 EF | | |
| 3 | 0x04 | 0x02 | [Previous track] | 7E FF 06 02 00 00 00 FE F9 EF | 7E FF 06 02 00 00 00 EF | | |
| 4 | | 0x03 | [The specified track num] | 7E FF 06 03 00 00 01 FE F7 EF | 7E FF 06 03 00 00 01 EF | Specifies track 1 | 1-255 |
| 5 | | | | 7E FF 06 03 00 00 02 FE F6 EF | 7E FF 06 03 00 00 02 EF | Specifies track 2 | 1-255 |
| 6 | | | | 7E FF 06 03 00 00 0A FE EE EF | 7E FF 06 03 00 00 0A EF | Specifies track 10 (number in Hex) | 1-255 |
| 7 | 0x05 | 0x04 | Volume+ | | | | |
| 8 | 0x06 | 0x05 | Volume- | | | | |
| 9 | 0x31 | 0x06 | [Specifies the volume] | 7E FF 06 06 00 00 1E FE D7 EF | 7E FF 06 06 00 00 1E EF | Specifies that the volume is 30 | 0-30 |
| 10 | 0x32 | 0x07 | [The specified EQ] | 7E FF 06 07 00 00 01 FE F3 EF | 7E FF 06 07 00 00 01 EF | Reservation | 0/1/2/3/4/5 |
| 11 | | 0x08 | [Loop playlist] | 7E FF 06 08 00 00 01 FE F2 EF | 7E FF 06 08 00 00 01 EF | Loop Playlist 1 | 1-255 |
| 12 | | | | 7E FF 06 08 00 00 02 FE F1 EF | 7E FF 06 08 00 00 02 EF | Loops Playlist 2 | 1-255 |
| 13 | | | | 7E FF 06 08 00 00 0A FE E9 EF | 7E FF 06 08 00 00 0A EF | Loops Playlist 10 | 1-255 |
| 14 | | 0x09 | [Specifies the playback device] | 7E FF 06 09 00 00 01 FE F1 EF | 7E FF 06 09 00 00 01 EF | Specifies the playback FLASH | FLASH |
| 15 | 0x07 | 0x0A | [Enter sleep mode] | 7E FF 06 0A 00 00 00 FE F1 EF | 7E FF 06 0A 00 00 00 EF | Go to sleep -- Low power consumption | Power remained at 10MA |
| 16 | | 0x0B | [Wake up sleeping] | 7E FF 06 0B 00 00 00 FE F0 EF | 7E FF 06 0B 00 00 00 EF | | |
| 17 | 0x09 | 0x0C | [Module reset] | 7E FF 06 0C 00 00 00 FE EF EF | 7E FF 06 0C 00 00 00 EF | | |
| 18 | 0x01 | 0x0D | [Play] | 7E FF 06 0D 00 00 00 FE EE EF | 7E FF 06 0D 00 00 00 EF | | |
| 19 | 0x02 | 0x0E | [Pause] | 7E FF 06 0E 00 00 00 FE ED EF | 7E FF 06 0E 00 00 00 EF | | |
| 20 | 0x0E | 0x16 | To stop playback | 7E FF 06 16 00 00 00 FE E5 EF | 7E FF 06 16 00 00 00 EF | Stop software decoding | |
| 21 | | 0x21 | Combination play | 7E FF 09 21 00 05 01 02 03 04 | 7E FF 09 21 00 05 01 02 03 | Combination play 5、1、2、3、4 | |
| 22 | | | | FE C8 EF | 04 EF | | |
| 23 | | 0x21 | Combination play | 7E FF 0C 21 00 05 01 02 03 04 | 7E FF 0C 21 00 05 01 02 03 | Combination play 5、1、2、3、4、 | |
| 24 | | | | 06 07 08 FE B0 EF | 04 06 07 08 EF | 6、7、8 | |
| 25 | | 0x22 | Play with volume | 7E FF 06 22 00 1E 01 FE BA EF | 7E FF 06 22 00 1E 01 EF | 30 Level volume play1 | |
| 26 | | | | 7E FF 06 22 00 0F 01 FE C9 EF | 7E FF 06 22 00 0F 01 EF | 15 Level volume play1 | |
| 27 | | | | 7E FF 06 22 00 0F 02 FE C8 EF | 7E FF 06 22 00 0F 02 EF | 15 Level volume play2 | |
| 28 | 0x42 | 0x30 | Play it a specified folder tracks | 7E FF 06 30 00 01 01 FE C9 EF | 7E FF 06 30 00 01 01 EF | FOLDER1 Subsection1 | |
| 29 | | | | 7E FF 06 30 00 02 01 FE C8 EF | 7E FF 06 30 00 02 01 EF | FOLDER2 Subsection1 | |
| 30 | | | | 7E FF 06 30 00 03 01 FE C7 EF | 7E FF 06 30 00 03 01 EF | FOLDER3 Subsection1 | |
| 31 | | | | 7E FF 06 30 00 03 03 FE C5 EF | 7E FF 06 30 00 03 03 EF | FOLDER3 Subsection3 | |
| 32 | | | | | | | |
| 33 | | 0x31 | Specifies the folder tracks cycle sowing | 7E FF 06 31 00 03 03 FE C4 EF | 7E FF 06 31 00 03 03 EF | FOLDER3 3 Music looping | |
| 34 | | | | 7E FF 06 31 00 01 03 FE C6 EF | 7E FF 06 31 00 01 03 EF | FOLDER1 Subsection3 Song cycle sowing | |
| 35 | | 0x32 | Specify a folder loop | 7E FF 06 32 00 03 01 FE C5 EF | 7E FF 06 32 00 03 01 EF | FOLDER3 Subsection1 Song start looping | |
| 36 | | 0x33 | | | | | |
| 37 | | 0x3C | STAY | | | | |
| 38 | | 0x3D | STAY | | | | |
| 39 | | 0x3E | STAY | | | | |
| 40 | | 0x3F | Send initialization parameters | | | | 0x1F (5 Each bit represents a folder) |
| 41 | | 0x40 | Returns an error, request to resend | | | | |
| 42 | | 0x41 | Answer | | | | |
| 43 | 0x 10 | 0x42 | Query the current state | 7E FF 06 42 00 00 00 FE B9 EF | 7E FF 06 42 00 00 00 EF | Query the playback status | 0 (Stop it) 1 (Play) 2 (Pause) 3 (F. f) 4 (Rewind) |
| 44 | 0x 11 | 0x43 | [Query volume] | 7E FF 06 43 00 00 00 FE B8 EF | 7E FF 06 43 00 00 00 EF | | |
| 45 | 0x 12 | 0x44 | [Query the currentEQ] | 7E FF 06 44 00 00 00 FE B7 EF | 7E FF 06 44 00 00 00 EF | | 0-5(NO\POP\ROCK\JAZZ\CLASSIC\BASS(Power failure memory) |
| 46 | 0x 13 | 0x45 | Queries the current playback mode | | | | 0-4 (All/Folder/Singles play/Random/Play again) |
| 47 | 0x 14 | 0x46 | Query the current software version | | | | |
| 48 | | 0x47 | The current play mode | 7E FF 06 47 00 00 00 FE B4 EF | 7E FF 06 47 00 00 00 EF | | |
| 49 | 0x 17 | 0x49 | FLASHTotal number of files | 7E FF 06 49 00 00 00 FE B2 EF | 7E FF 06 49 00 00 00 EF | | |
| 50 | | 0x4D | FLASHCurrent folder track pointers | 7E FF 06 4D 00 00 00 FE AE EF | 7E FF 06 4D 00 00 00 EF | | |
| 51 | | 0x60 | Currently online folder | 7E FF 06 60 00 00 00 FE 9B EF | 7E FF 06 60 00 00 00 EF | Query online folder | |
| 52 | | 0x61 | Pointer to current folder | 7E FF 06 61 00 00 00 FE 9A EF | 7E FF 06 61 00 00 00 EF | Queries the current playback folder | |
| 53 | | 0x62 | Check the specified total number of folder tracks | 7E FF 06 62 00 00 01 FE 98 EF | 7E FF 06 62 00 00 01 EF | QueryFOLDER1Total files | |