**Bluetooth MP3 Decoding Board Module w/ SD Card Slot / USB / FM / Remote Decoding Board Module**



**Module features**

Support direct switching of external signals.

Support Bluetooth3.0EDR.

Support USB/SD/Bluetooth/FM/LINE automatic switching.

The module contains MP3/WMA song decoding chip.

Support USB, SD, MMC card for playback.

Support USB/SD card switching, previous song, next song, fast forward, fast backward, volume adjustment, EQ, play/pause, stop, single repeat, mute, shutdown, direct song selection.

Support Bluetoot Previous Song, Next Song, Volume Adjustment, EQ, Play/Pause, Mute, Shutdown.

Support FAT16, FAT32 file system.

Support MP1 Layer3, MP2 Layer3, MP3 Layer3 version of songs.

Support 32-320kbps MP3 songs.

Support power-off memory function: memorize the songs and volume played before power-off.

**Panel key description**

1、"PREV/VOL-":Set long press volume down; short press for the previous track in USB/SD/Bluetooth status; short press for the previous station in FM status.

2、"PLAY/PAUSE":in USB/SD/Bluetooth state short press play/pause; in FM state long press all channels to search and save stations.

3、"NEXT/VOL+":Set long press volume up; short press previous track in USB/SD/Bluetooth status; short press next station in FM status.

4、"MODE":When there are SD card and U disk: the switching order is USB→SD→Bluetooth→FM→AUX; only U disk: the switching order is USB→Bluetooth→FM→AUX; only SD card: the switching order is SD→Bluetooth→FM→AUX; there is no USB and Bluetooth: the switching order is USB→Bluetooth→FM→AUX; there is no USB and U disk: the switching order is USB→Bluetooth→FM→AUX. →AUX; when there is no USB and SD card: FM→AUX→Bluetooth.

**Remote control key description**

1、POWER:Standby:This key cannot be switched.

2、MODE:When there are SD card and U disk: the switching order is USB→SD→Bluetooth→FM→AUX; when there is only U disk: the switching order is USB→Bluetooth→FM→AUX; when there is only SD card: the switching order is SD→Bluetooth→FM→AUX; when there is no USB and SD card: FM→AUX→Bluetooth. When there is no USB and SD card: FM→AUX→Bluetooth.

3、PREV:In USB/SD/Bluetooth state short press for the last track; in USB/SD state long press for the song fast forward; in FM state short press for the last radio station, long press for scanning and searching the last station.

4、NEXT:Short press for next track in USB/SD/Bluetooth status; long press for song fast forward in USB/SD status; short press for next station in FM status, long press to scan and search next station.

5、VOL+:Short/long press for music plus.

6、VOL-:Short/long press for music minus.

7、REP: Toggle key between single song repeat and full loop during USB/SD playback, power on for full loop.

8、"STOP": In USB/SD state, short press to stop music playback.

9, MUTE: mute key, press the mute, and then press to lift (press VOL-/VOL+ can also lift).

10、EQ:Sound field mode. NORMAL→BAS→POP→ROC→JAZZ→CLA→CUT→NORMAL

11、PLAY/PAUSE:Play/Pause in USB/SD/Bluetooth state; Long press in FM state to search and store all channels.

**Interface and Component Description Diagrams**



