Manual MP3 decoder board

一、(Introduction)
A highly integrated single-chip multimedia MP3 audio decoders, an increase of extracellular signal switch, USB / SD switch, digital display more convenient intuitive to operate; and add a radio function, so that more extensive programs; more enhanced U disk and SD compatibility. The products are widely used in home music center, car audio and computer multimedia audio, professional audio active, IPOD stereo, mini stereo, AV amplifier, massage chairs, electronic gifts, electronic toys. This product has been in mass production, stable performance.

Note: The MP3 format can only decode, and WMA format files can not be decoded.

二、Features
- 3.3V ~ 5V single power supply (working voltage is 3.3V ~ 5V)
- You can add 7805 to support 12V step-down IC
- Support USB, SD, MMC cards for playback
- Support FAT12, FAT16 file system
- Support MP1 Layer3, MP2 Layer3, MP3 Layer3 version of the song
- Supports 8-448kbps in the MP3 songs
- Support AUX (for connecting external audio, and can be remote control or buttons to control external audio volume)
- Support from the direct signal switch, USB / SD card directly to switch, and external audio volume control
- With digital display
- With FM (with FM radio, can automatically scan, storage units)
- With 3W amplifier (with power amplifier features directly connected to the speakers can play music, the output power 3W)
- Power-down memory (when powered off, re-energized, when power will play the songs)
- Volume memory (when the power play, the volume in front of a shutdown as)
- Music player remote control (with remote control can control all playback functions)
- Repeat
三、Panel keys description

1、PREV/VOL-: In USB / SD playback on this button for the song. FM radio state in the choice of a press station. Press the volume reduction.

2、PLAY / PAUSE: in USB / SD player status is play / pause. Press to enter the state radio station automatic search (AUX state useless.)

3、NEXT / VOL +: In USB / SD playback on a song for the Press; in the state short by FM radio to select the next station. Press the volume increase.

4、PPT: Press once to open the single cycle, single cycle again to cancel.

5、EQ: sound field mode NORMAL → JAZZ → ROCK → POP → CLASSIC → COUN switch.

6、MODE: Press this key to cycle through the input USB → SD / MMC → AUX → FM. USB playback, the display "USB" light; SD / MMC playback, the display "SD" light; AUX state, display "AUX" light; FM state, the display "FM" lit.

四、Remote control button that
1. ![Power Button]

   In the work under long press shutdown; the power off press power.

2. ![Mode Button]

   Press this key to cycle through the input USB → SD / MMC → AUX → FM. USB playback, the display "USB" light; SD / MMC playback, the display "SD" light; AUX state, display "AUX" light; FM state, the display "FM" lit.

3. ![Mute Button]

   Mute.

4. ![Play/Pause Button]

   In USB / SD status, play / pause. Long press to enter the radio status automatically search station.

5. ![Select Song Button]

   In USB / SD playback this button to select the song. FM state in the radio manual to lower short-time radio. (AUX state useless)

6. ![Next Song Button]

   In USB / SD playback this button to choose the next song. FM radio state in a short time to manually fine-tune the radio up. (AUX state useless)

7. ![Sound Field Mode]

   Sound field mode. NORMAL → JAZZ → ROCK → POP → CLASSIC → COUN.

8. ![Volume Down]

   Volume down

9. ![Volume Up]

   Volume increase

10. ![Repeat Button]

    Song cycle.

11. ![Switch Button]

    In MP3 mode to switch between USB SD; in radio mode, auto channel search.
12、0 ～ 9: USB / SD button to do directly, more than 10 consecutive digital input can be selected. Saved in the selected radio station FM state.

五、Decoders connected instructions (201105 model)

六、Product Image