



## ::Product description::

### A brief introduction

N9200 is a serial MP3 chip, the perfect integration of the WMV, MP3 hard decoding. At the same time, the software supports TF card driver, supports the computer directly to update the contents of flash FAT16, supports SPI, FAT32 file system. Through the simple UART serial command line or a line of instructions to complete the play music, and how to play music and other functions, without the need for the bottom layer operation, beautiful sound, easy to use, stable and reliable is the biggest feature of this product. In addition, the chip is also a deep customization of products, designed for the fixed voice broadcast field development of low-cost solution.

### Features

Support the sampling rate (KHz): 8/11.025/12/16/22.05/24/32/44.1/48. Beautiful sound, stereo.

The 24 bit DAC output, the internal use of DSP hardware decoding, non PWM output, the dynamic range of 90dB, the signal-to-noise ratio 85dB

We fully support the FAT16 file system, FAT32, maximum support 32G TF card, U disk support 32G

The various control modes, UART serial mode, serial mode, a AD key control mode

announcement insert can pause playing background music, support specified path of the songs to play and support cross letter spots, support spots ahead of the end of the

The specified time play

The specified drive play, designated track

The 30 volume adjustable, adjustable 5 EQ (NORMAL - POP - ROCK - JAZZ--CLASSIC)

The specified path (playback support English)

The folder switch

The specified period of time to repeat

Support computer sound card control, support USBmass storage

Support the trigger can not interrupt playback

## **Application occasions**

1. car navigation voice broadcast
2. highway transportation inspection, toll station voice prompt;
3. railway station, bus station security check voice prompt;
4. power, communications, banking, voice prompts;
5. the vehicle into, out of the channel verification voice prompts;
6. the public security frontier inspection channel voice prompt;
7. multi-channel voice alarm or device operation guide voice;
8. electric sightseeing car safe driving voice notice;
9. mechanical and electrical equipment fault automatic alarm;
10. fire alarm voice alarm;
11. automatic broadcast equipment, time broadcast