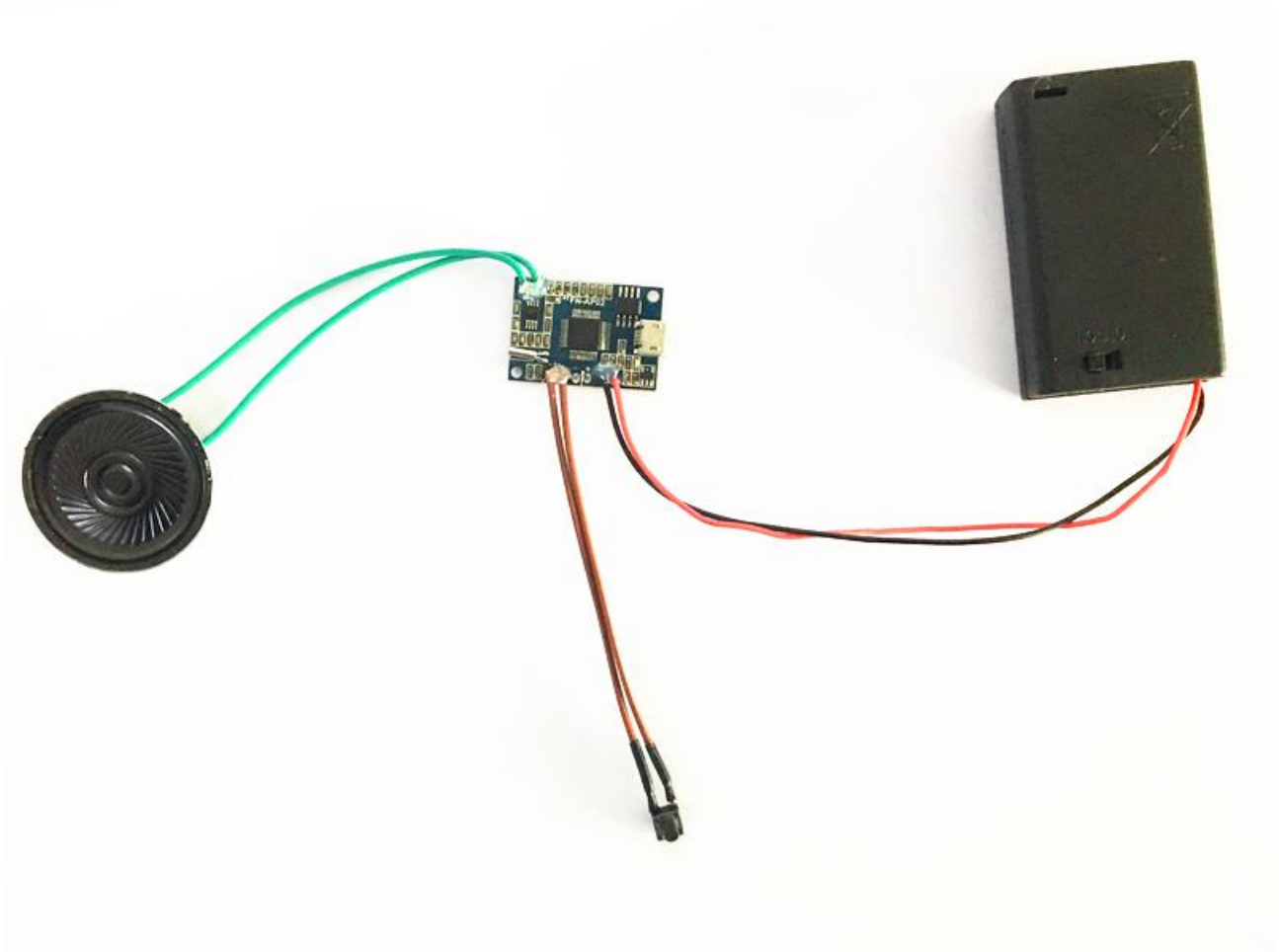


FN-AP02-SW Recordable MP3 Sound Module for Toys/Cards/Gift Boxes User's Manual V1.0





1. Features

- ✧ Built-in a high quality MP3 decoder chip.
- ✧ Incorporated with a 4MB (32Mbits) flash memory as the storage device.
- ✧ Update MP3 file easily through the micro USB port based on PC.
- ✧ Uses a button to play the sound file.
- ✧ When the button is pressed, the module plays the sound one time and stops(default mode).
- ✧ Equipped with a 0.5W 8ohm speaker.
- ✧ Low standby current and clear sound output.
- ✧ 3pcs AAA batteries for the power supply.
- ✧ PCB size: 32mmx22mm

2. Technical Parameters

- ✧ Working voltage: 3.7V to 5V DC
- ✧ Working current: $\leq 100\text{mA}$ (Input: 4.5V DC)
- ✧ Quiescent Current: 0mA
- ✧ Power Consumption: $\leq 0.5\text{W}$
- ✧ Flash memory size: 4MBytes (32Mbits)
- ✧ Audio format: MP3

3. Work Modes

It's the default work mode that when the button is pressed it plays the sound one time and stops, and during playback if the button is pressed again, the playback will be interrupted and play the sound again from the beginning. Besides this mode, the following work modes can be customized according to the actual needs.

- 3-1. When the module is powered up, it plays the sound automatically in a loop over and over until it's powered off(no need button in this mode).
- 3-2. When the button is pressed, it plays the sound and stops once the sound goes to the end. During the playback if the button is pressed again, the playback will be not interrupted.
- 3-3. When the button is pressed, it plays the sound in a loop over and over until the button is pressed again to stop playback.

✦ **It's possible for us to help you pre-record the sound file at factory before delivery.**