

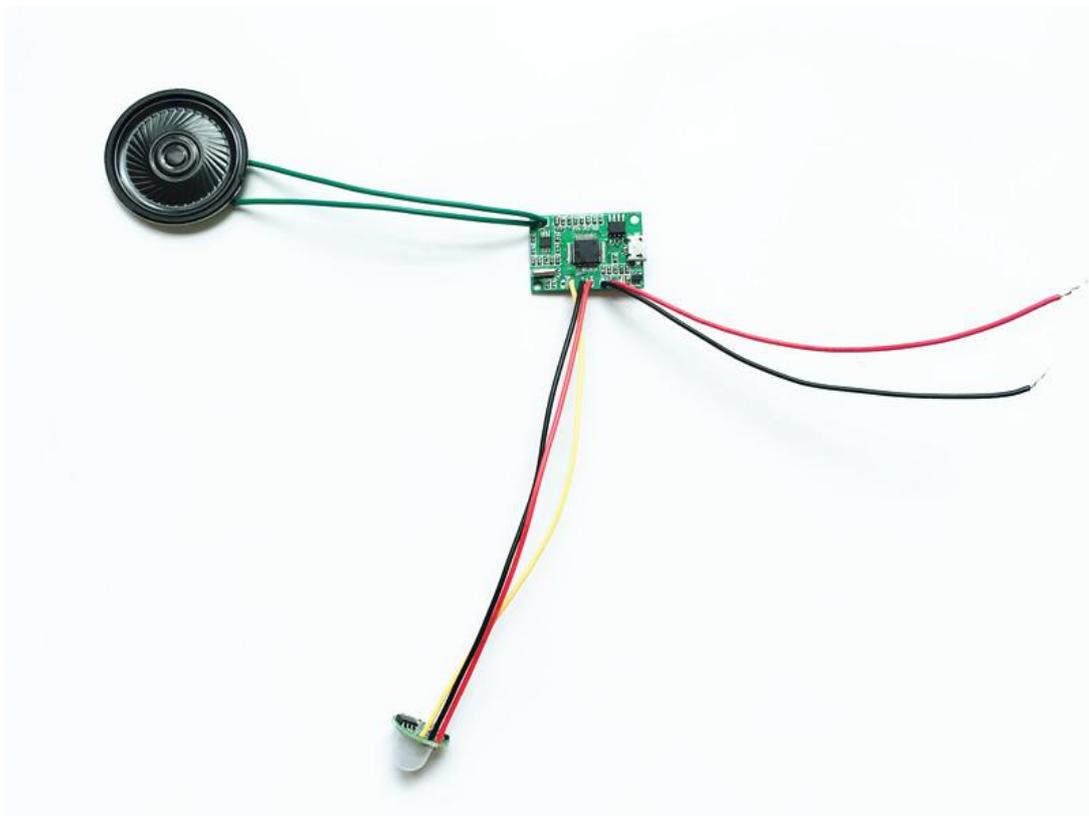
PIR Motion Sensor Activated Audio Player

for Point of Sale(without enclosure)

Model Number: FN-AP02-PIR

User's Manual

Version: V1.0





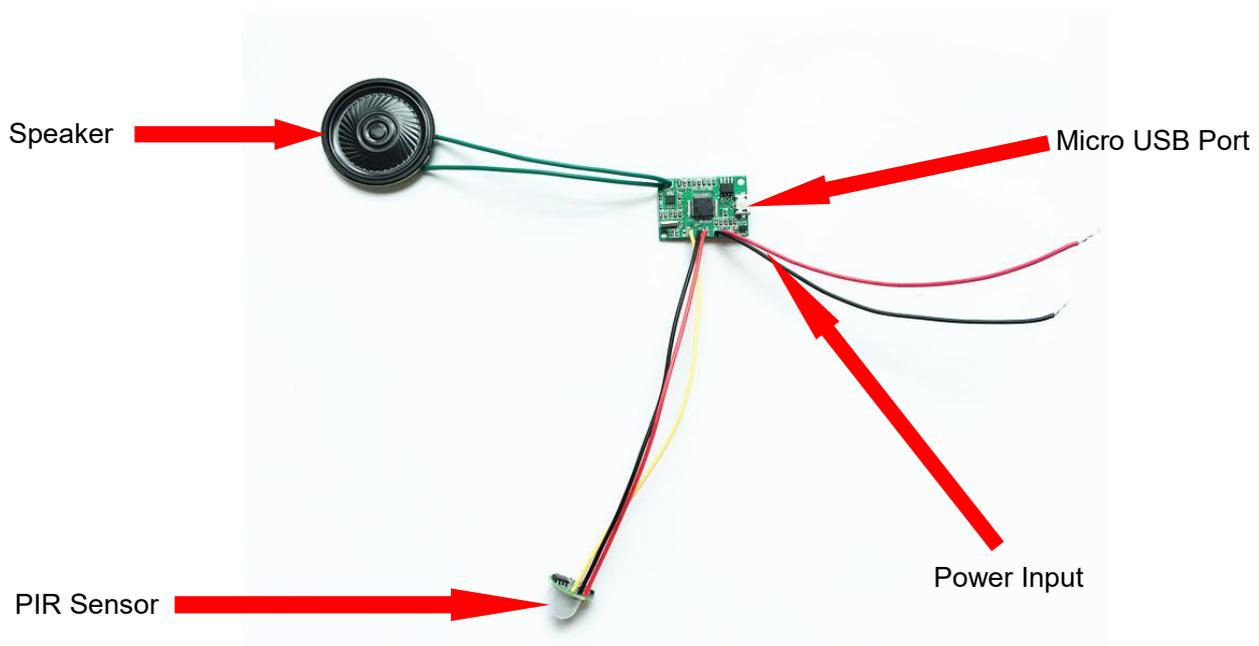
Features

1. Adopts a high quality MP3 decoder chip on the board.
2. Uses a separated PIR motion sensor to trigger the player, and the detection distance is up to 4 meters.
3. Built-in a 4MB flash memory that can store max. 4 minutes long MP3 file based on 128Kbps.
4. Update MP3 audio file through the micro USB port on computer.
5. Supports to store one MP3 audio file only in the flash memory.
6. On-board 1watt amplifier that is able to directly drive a 1W 8ohm speaker.
7. 3.7V to 5V DC power input. Supports 3.7V/4.2V rechargeable lithium battery to be the power supply.
8. Built-in the recharging circuits on the board, and lithium battery can be recharged through the micro USB port.
9. The length of all of the lead wires is 100mm by default.
10. Stable performance and beautiful sound output.
11. PCB size: 32mmx22mm Diameter of Speaker: 40mm

Technical Parameters

Power Input	3.7-5V DC	
Working Current	Standby State	350uA
	Playing State	≤100mA (DC4.5V)
Audio Format	MP3	
Audio Output Power	8Ω/1W (typical value)	
Detection Range	≤4m (120°angle)	

Operation Guide





When you update the audio file, please use an Android phone purposed USB cable to connect the module to computer. Once it's connected, you will see an icon of USB flash drive/disk on your computer. Open it and delete the pre-loaded audio file for testing purpose at factory and then it's done to copy in your own audio file.

When the player is powered up, it needs 5-10 seconds of initialization time. Once the initialization time is completed, the player will get into work status immediately. When the PIR sensor detects a moving body, it triggers to play the audio message you loaded.