Mini PIR Motion Sensor Activated Audio Player

User Manual

FNP-703A

Features

1. Small and exquisite with MP3 high quality audio output.

2. Equipped with a PIR motion sensor to trigger audio playback, and detection range can be up to 4 meters.

3. Uses micro SD card and internal flash memory for the storage devices(choose one of both).

4. Reads audio files directly from micro SD card.

5. Incorporated a 2MB flash as the standard internal memory(supports max.8MB flash memory).

6. Supports to load/copy audio files from micro SD card to flash memory, very easy to operate.

7. Supports two triggering modes: all loop repeat mode and single repeat mode.

8. Two-level sound volume adjustment.

9. Supports two power supply modes: 3 pieces AAA alkaline batteries or an external power adapter through the micro USB port.

IMPORTANT: Two power supply modes can not be used at the same time. You can only choose one of both. Please MAKE SURE there is no batteries before you use the external power supply mode.

10. Dimension: 60*90*26.60mm

Applications

Advertising player in supermarkets or shops, audio shelf talker for POP displays, smart doorbell, door greeter, automatic explanation machine, audio memo reminder, security alarm and so on.

Technical Parameters

Power Input	DC3V~5V Regulated Power Supply	
Working Current	Standby State	≤245uA
	Playing State	≤250mA（DC4.7V）
Audio Format	MP3	
Audio Output Power	8Ω/0.5W（typical value）	
Detection Range	≤4m（120°angle）	

Operation Guide

Micro USB Port

Indicator LED

Power&Volume Switch

Micro SD Card Slot

Key A

Key B
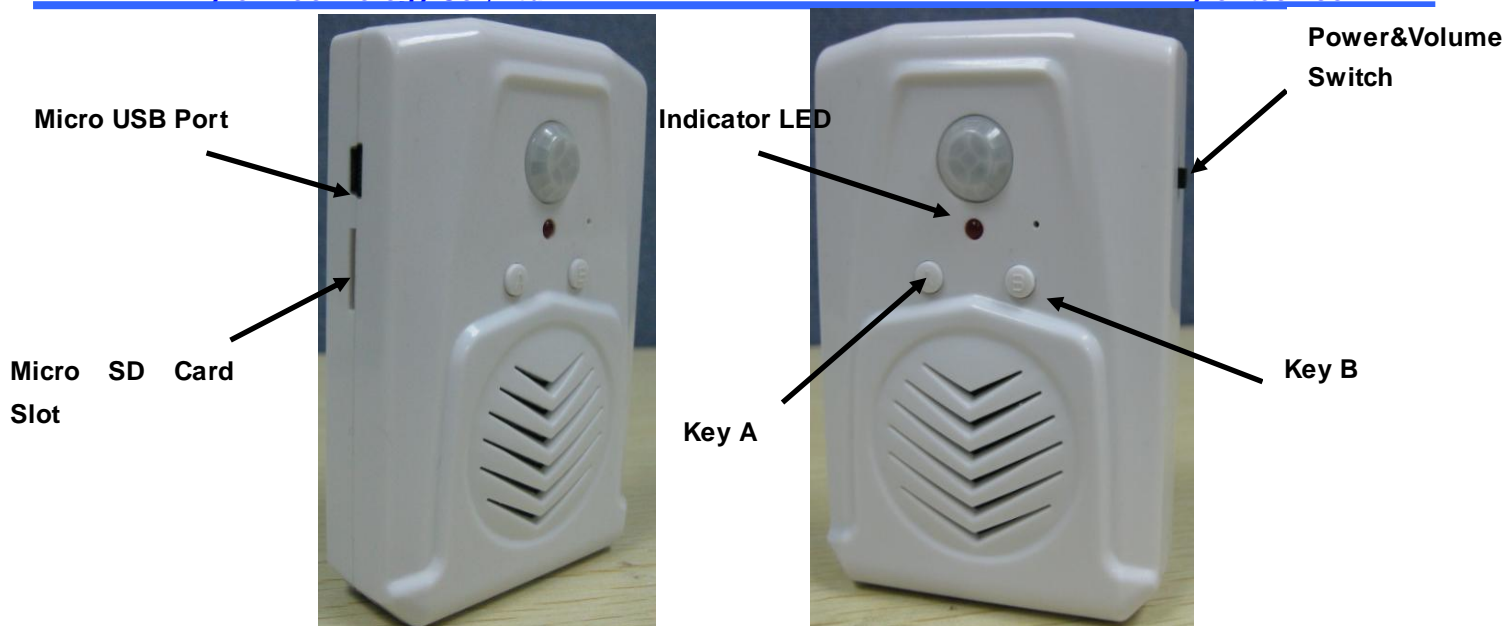
Item	State	Implication/Function
Power &Volume Switch	Low	Power off
	Middle	Low volume
	High	High volume
Indicator LED	Off	Power off or standby state
	On	Playing state
Key A	Short Press	For Previous
	Long Press, LED Flashes	Mode Switching/Selection
Key B	Short Press	For Next
	Long Press, LED Flashes	Copy mode
Micro USB Port	/	Connect with DC5V power adapter for external power input mode
Micro SD Card Slot	/	For storing MP3 files and copying MP3 files to the internal flash

Notes:1. There is about 5 seconds initialized time after power on the device. It is normal if the device can not trigger to play the sound back during this period of time.

2. The interval triggering time is 3 seconds, so the device can not be triggered again until you will wait for 3 seconds after last triggering finishes playing back the sound.

3. The keys are valid to manually push them for Previous or Next at the state of play while the keys are invalid for Previous or Next at the state of standby.

Audio Files Loading/Updating

Users have two options(micro SD card and the internal flash memory) to store the MP3 files. Please refer to the following operating steps.

1. Steps for using a micro SD directly

1). Prepare an empty micro SD card and format it to FAT16 or FAT32 file system.

2). Copy the MP3 files from computer to the micro SD card and remove it.

3). Insert the prepared SD card(face up) with the MP3 files into the SD slot of the player correctly.

4). Switch on the player, then the player directly reads the MP3 files from the micro SD card and plays back when the sensor detects a human body.

2. Steps for using the internal flash memory

1). Firstly, repeat the 4 steps above for using a micro SD card.

2). Make sure the size of the MP3 files in the micro SD card is not large than the internal flash memory(2MB).

3). Then long press the key B by about 5 seconds at the play state, and don't remove your finger until you see the indicator LED flashing(the duration time of flashing is about 10 seconds). When the indicator LED stops flashing, it means the MP3 files from the SD card are successfully copied to the internal flash memory.

4). Take out the micro SD card and re-switch it on. Now the player can work normally with your MP3 files in the flash memory.

Mode Switching

No matter you use a micro SD card directly or use the internal flash memory, the two triggering modes always exist. Long press the key A by about 3 seconds at the play state, and at this moment if the indicator LED flashes one time, it means now the work mode is switched to all loop in a cycle one by one repeat work mode; if the indicator LED flashes two times continuously, it means now the work mode is switched to the single repeat work mode.