Powerful PIR Motion Sensor Activated Audio Player

(Aluminum Enclosure Based)

User Manual

Model: FNM-705

Version: 2.0

Release Date: Oct.12, 2015

Features□

1. Uses a high grade silver aluminum enclosure with a set of mounting bracket.
2. Adopts the passive infrared detection technology, and the detection range is up to 5 meters.
3. Built-in a high quality MP3 player with great audio output.
4. Supports micro SD card(TF card) and the internal flash memory(4MB) for the storage.
5. Supports two types triggering modes: single repeat mode and all loop repeat mode.
   -Single repeat mode: plays back the same audio file after each triggering.
   -All loop repeat mode: plays back the next audio file in a loop after each triggering.
6. Equipped with a potentiometer for power-on/off and volume adjustment.
7. Built-in a 20W loudspeaker to make sure there is a loud enough volume.
8. With an audio output port, it's possible to connect with an external loudspeaker.
9. Dimensions: 163mmx123mmx46mm

Technical Parameters

Power Input	DC9-12V Regulated Power Supply	
Working Current	Standby State	≤80uA
	Playing State	≤1000mA
Audio Format	MP3	
Audio Output Power	8Ω/20W	
Detection Range	≤5m（120°angle）	

Operation Panel

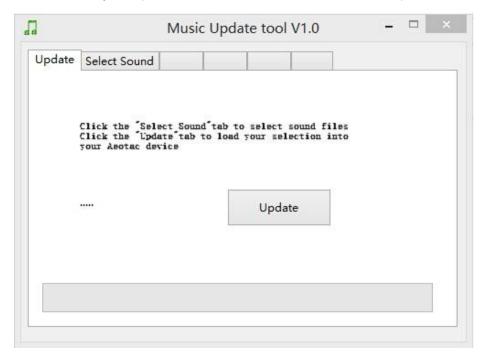| No.	Part Name	Function	Notes
1	DC Jack(DC9-12V)	For power input	
2	Potentiometer	For power on/off and volume adjustment	
3	Audio output port	For connecting with an external loudspeaker	
4	Micro SD(TF) Slot	For holding a micro SD card	
5	Mini USB port	For loading audio files to the internal flash memory	The internal flash memory can store about 4 mins long audio files
6	Button A	Short press for Next and long press by 3 seconds for single repeat mode	
7	Button B	Short press for Previous and long press by 3 seconds for all loop repeat mode	
8	PIR sensor	For detecting human bodies and triggering the player	Range: ≤5m

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 FAT/ FAT16/FAT32 file system.

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

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

4). Turn 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.
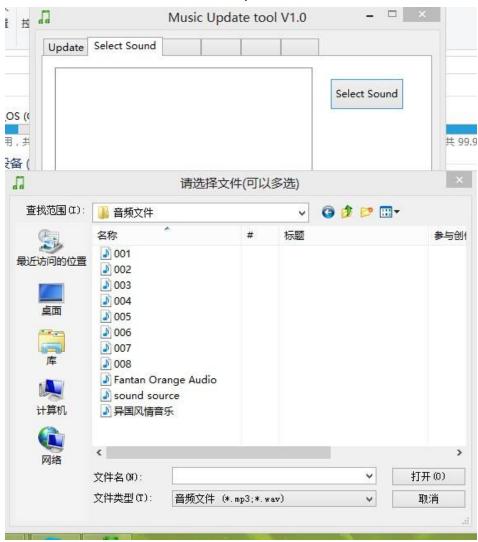
2. Steps for using the internal flash memory

1). Connect the device with PC through a USB cable. When the connection is done, there is a simple embedded software popped up automatically like below. Some computers do not pop up this software automatically, so you need to find the removable disk under "My Computer". Double click it, and it will be shown up.
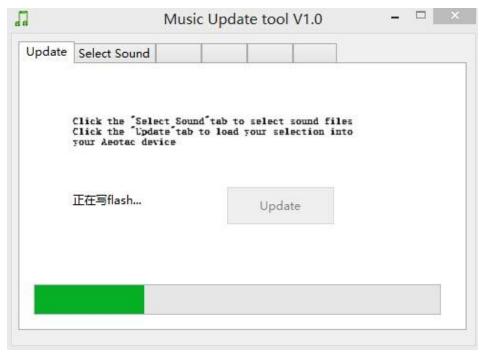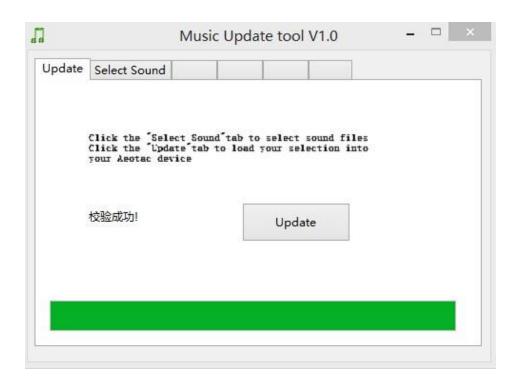
2). Click the tab "Select Sound" to load the MP3 sound files you need.

3). Back to the tab "Update" and click the button "Update" to finish updating/loading the audio files.

Note: Currently, this software can only run on Win7 and Win8 operating systems, so if your computer use other operating systems, please just ignore using the flash memory and use the micro SD card directly.

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 button A by about 3 seconds at the playback state, and at this moment the LED indicator(under the lens of the PIR sensor) blinks continuously for two times, which means now the triggering mode is switched to single repeat mode; Long press the button B by about 3 seconds at the playback state, and at this moment the LED indicator blinks(under the lens of the PIR sensor) continuously for two times, which means now the triggering mode is switched to all loop in a cycle one by one repeat mode.

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 the last triggering finishes playing back the sound.

3. The buttons are valid to manually press them for Previous or Next at the state of playback while they are invalid for Previous or Next at the state of standby.