

Overhead PIR Motion Sensor Activated Audio Player

User's Manual

Model: FNP-701B



Version: 3.0

Release Date: Nov. 20th, 2023

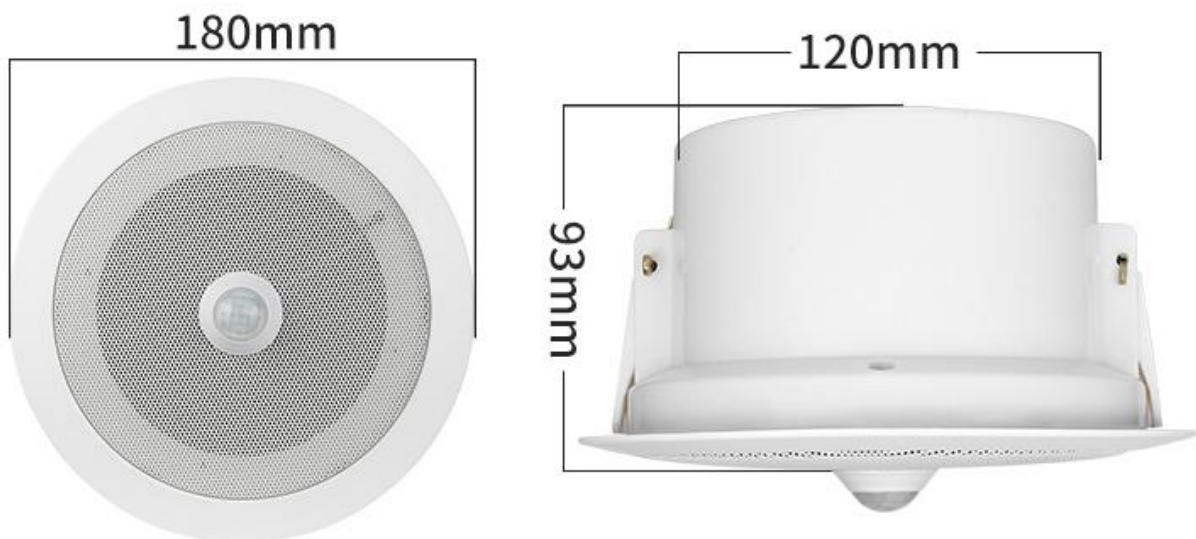
1. Features

- ✧ Adopts passive infrared detection technology.
- ✧ Detection distance of the PIR motion sensor is up to 5 meters.
- ✧ Detection angle of the PIR motion sensor is 120 degrees fan-wise.
- ✧ Built-in high quality MP3 player with internal 8Mbytes flash memory.
- ✧ Able to copy audio files from the USB stick into the internal flash memory.
- ✧ Able to play back audios file directly from an inserted USB stick or a micro SD card.
- ✧ Supports max. 32GB micro SD card and USB stick.
- ✧ Built-in class D 10Watts amplifier and the sound quality is beautiful.
- ✧ Supports three work modes: single loop playback mode, all loop playback mode and random playback mode.
- ✧ An AC to DC power adapter comes with the device.
- ✧ Two clamps attached with the player and easy to install on the ceiling.

2. Technical Parameters

- ✧ Working Voltage: 12-24V DC
- ✧ Working Current: $\geq 1000\text{mA}$
- ✧ Standby Current: $\leq 10\text{mA}$
- ✧ Audio Format: MP3 (Bit rate: $\leq 192\text{Kbps}$)
- ✧ Audio Output Power: $\leq 10\text{Watts}$
- ✧ Detection Range: $\leq 5\text{ m}$ (120° angle)

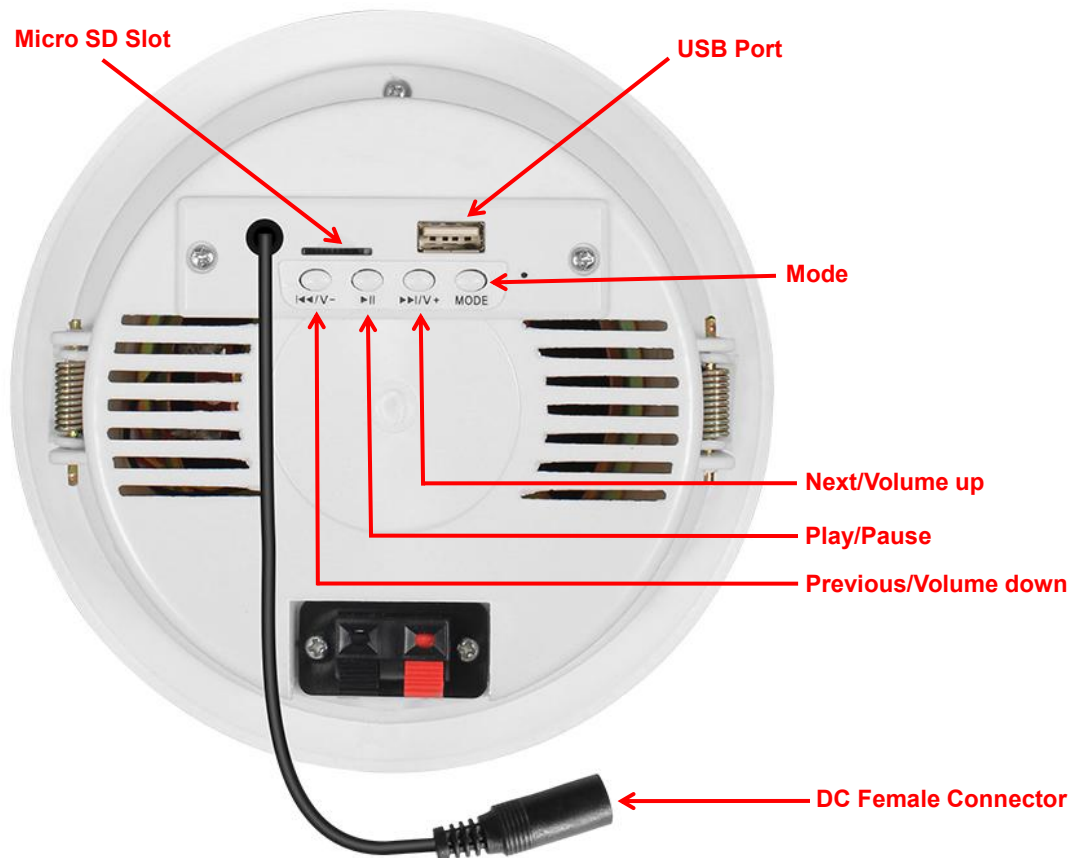
3. Dimensions



Note: The diameter of the hole for mounting on the ceiling is 160-170mm.

4. Operation Guide

As you can see below, there is a MP3 player panel at the back of the device.



Micro SD Slot: insert the micro SD card here.

USB Port: insert the USB stick here.

Previous/Volume down: short press for previous track and long press for volume down.

Play/Pause: short press for play/pause and long press for copying audio files from USB stick to internal flash memory.

Next/Volume up: short press for next track and long press for volume up.

MODE: short press for mode selection among single loop playback mode, all loop playback mode and random playback mode.

-Single loop playback mode: short press the key "MODE" and when you hear a "beep" once, it means the current work mode is single loop playback mode. In this mode, you can press the key "Next" or the key "Previous" to choose a track you need the device to play. After an activation from the PIR, it'll play the same track.

-All loop playback mode: short press the key "MODE" and when you hear a "beep" twice, it means the current work mode is all loop playback mode. In this mode, after an activation from the PIR, it'll play the next track. When the last track finishes playing, it'll go back to playing the first track after another activation from the PIR.



-Random playback mode: short press the key "MODE" and when you hear a "beep" three times, it means the current work mode is random mode. In this mode, after an activation from the PIR, it'll play a track in random order.

DC Female Connector: connects to the AC/DC power adapter.

Audio Files Loading/Updating

Generally users can directly use a USB stick or a micro SD card. Put audio files on the root directory of the USB stick or SD card on computer, and once the USB stick or micro SD card is inserted onto the player, after an activation from the PIR it will play back an audio file from the USB stick or micro SD card.

Users also can copy audio files from the USB stick to the internal memory through long pressing the key Play/Pause. When you hear a "beep" once, it means the copy has started. During copying, the LED light keeps blinking. When you hear a "beep" twice, and the LED light stops blinking, it means the copy is finished. Now you can unplug the USB stick.

Note: You can copy one MP3 format audio file or multiple MP3 format audio files into the player, but the total size can't be larger than the capacity of the internal memory (8Mbytes), otherwise the copy will fail.