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## XYszpcgs WT-M12

# PIR Motion Sensor Activated Sound Player Speaker

MODEL: WT-M12

Brand: XYszpcgs

## Introduction

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The XYszpcgs WT-M12 PIR Motion Sensor Activated Sound Player Speaker is a versatile device designed to play custom audio files upon detecting motion. With a detection range of up to 13 feet (4 meters) and a 120-degree viewing angle, it is ideal for various applications such as entrance greetings, security alerts, or adding sound effects to displays. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

## Package Contents

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Please ensure all items are present in your package:

- Motion sensor device x1
- Ball mount x1
- USB data cable x1
- Velcro fasteners x2
- Quick Guide with clear, step-by-step instructions x1



Image: All components included in the package.

## Product Overview

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Familiarize yourself with the main components and features of your WT-M12 speaker:



Image: Front view of the speaker with PIR Motion Sensor, LED Indicator Light, Button A, Button B, and Speaker (8Ω/1W) labeled. The Power & Volume Switch is on the side.

**PIR Motion Sensor:** Detects movement within its range to trigger audio playback.

**LED Indicator Light:** Provides visual feedback on device status.

**Button A:** Short press to play previous audio. Press and hold to set play mode (single play, sequential play).

**Button B:** Short press to play next audio.

**Speaker (8Ω/1W):** Delivers MP3 sound quality with volumes up to 90db.

**Power & Volume Switch:** Located on the side. Top position for High volume, Middle position for Low volume, Lowest position for Power off.



**Micro USB Port**

1. For USB power supply
2. Connected to computer by USB data cable, to download audio to the device's internal Flash meomory

**Not Used**

Image: Side view of the speaker highlighting the Micro USB Port for power supply and data transfer. Note: The slot below the USB port is not used.

**Micro USB Port:** Used for USB power supply and connecting to a computer via USB data cable to download audio to the device's internal flash memory.

**Note:** The card slot is for decoration only and does not support TF card replacement for audio.

## Setup

### 1. Powering the Device

The WT-M12 can be powered in two ways:

- **Batteries:** Insert 3 AAA batteries (not included) into the battery compartment located on the back of the device.
- **External Power Supply:** Connect the included USB data cable to the Micro USB port on the device and plug the other end into a DC5V power source (e.g., a USB wall adapter, computer USB port).



**360°** Rotation  
Ball Mount



**3x AAA**  
Batteries  
Required  
(Not included)

Wall Bracket



Image: Back view of the speaker showing the battery compartment for 3 AAA batteries (not included) and the 360° Rotation Ball Mount and Wall Bracket.

## 2. Mounting the Device

The device comes with a ball mount and Velcro fasteners for flexible installation:

- Use the included ball mount to attach the speaker to a wall or ceiling. The mount allows for 360-degree rotation to optimize the detection angle.
- Alternatively, use the Velcro fasteners for temporary or non-permanent installations.
- The device can also be placed on a flat surface without mounting.

## 3. Customizing Audio Files

You can easily replace the pre-loaded audio files with your own MP3 or WAV files:

1. **Convert Audio:** Ensure your desired voice or music files are in MP3 or WAV format.
2. **Connect to Computer:** Connect the speaker to your computer using the provided USB data cable.
3. **Access Device:** A removable disk will appear on your computer (Windows 7 recommended for best compatibility).

4. **Format Disk:** It is recommended to format the removable disk before copying new files.

5. **Copy Files:** Delete any existing manufacturer files from the disk, then copy your MP3/WAV files to this disk.

#### **Important Notes for Audio Upload:**

- The total size of your audio files should not exceed 4MB. If the total size is over 4MB, no audio will be transferred to the device.
- This product only supports USB data cable for voice replacement; it does not support TF card. The card slot is for decoration only.
- If the device does not respond when connected to the computer, try replacing the data cable or using a different computer.



Image: Visual representation indicating that audio can only be changed via USB data cable, not TF card or button recording.

## **Operating Instructions**

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### **1. Motion Detection and Audio Playback**

The device will automatically play your customized MP3 sound file as soon as the PIR sensor detects movement within its range.



Image: The infrared detection range is approximately 4 meters (13 feet) with a 120-degree horizontal angle.

## 2. Adjusting Volume

Use the Power & Volume Switch on the side of the device to select between two volume levels:

- **High Volume:** Top position of the switch.
- **Low Volume:** Middle position of the switch.
- **Power Off:** Lowest position of the switch.

## 3. Play Modes

The device supports different play modes for your audio files:

- **Single Play:** Plays one audio file per trigger.
- **Sequential Play:** Plays audio files in the order they were loaded, advancing to the next file with each trigger.

To set the play mode, press and hold Button A until the desired mode is indicated (refer to the Quick Guide for specific indications).

## 4. Application Scenarios

The WT-M12 is versatile for various uses:

- **Entrance Door Greeting:** Place near an entrance to welcome visitors with a custom message.
- **Holiday Decorations:** Integrate into Halloween or Christmas displays for festive sounds.
- **Home Daily Reminder:** Use for reminders in specific areas of your home.
- **Animal Repeller:** Play sounds to deter animals from certain areas.



Image: Examples of usage including entrance greetings, festival celebrations, home reminders, and animal repelling.

## 5. Official Product Videos

Video: Halloween ghosts screaming and scaring. Demonstrates the speaker's use in a Halloween setting.

Video: Hiding on the Christmas tree, playing Christmas songs. Shows the speaker integrated into holiday decor.

Video: XYszpcgs Haunted house application scenario. Illustrates the speaker's use in a haunted house setup.

Video: Infrared body sensor product scene display and description. Provides a detailed overview of the sensor's functionality.

## Maintenance

To ensure the longevity and proper functioning of your WT-M12 speaker, please observe the following maintenance guidelines:

- **Indoor Use Only:** This small motion sensor sound device is designed for indoor use only.
- **Water Protection:** Outdoor use will result in moisture damaging internals of the device. If used in an environment where it might be exposed to moisture, it is necessary to take waterproof protection measures.
- **Environmental Conditions:** For best performance and to avoid false triggers, do not install in areas that have direct sunlight, areas with large temperature variation, or near air conditioners and heaters.
- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.

## Troubleshooting

If you encounter issues with your WT-M12 speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	No batteries, dead batteries, or power cable not connected/faulty.	Ensure 3 fresh AAA batteries are inserted correctly or connect the USB cable to a working DC5V power source.
No audio plays when motion is detected.	No audio files loaded, incorrect play mode, or volume too low.	Verify audio files are correctly loaded via USB. Check play mode using Button A. Ensure volume switch is not in the 'Off' position.
Device not recognized by computer.	Faulty USB cable or computer port.	Try a different USB data cable or a different USB port on your computer.
Audio files not transferring to device.	Total file size exceeds 4MB, incorrect file format, or device not formatted.	Ensure total audio file size is under 4MB. Verify files are MP3 or WAV. Format the removable disk on your computer before copying.
False triggers or inconsistent detection.	Device placed in unsuitable environment (direct sunlight, temperature changes).	Relocate the device away from direct sunlight, air conditioners, heaters, or areas with significant temperature fluctuations.

## Specifications

Feature	Detail
Model Name	WT-M12
Brand	XYszpcgs
Speaker Type	Computer Speaker
Special Feature	PIR Motion Sensor
Recommended Uses	Indoor (interior)
Controller Type	Button Control

Feature	Detail
Color	White
Product Dimensions	2.4"D x 3.13"W x 5.32"H
Item Weight	70 Grams (2.47 ounces)
Waterproof	No (Not Water Resistant)
Maximum Range	13.12 Feet (4 meters)
Power Source	Battery Powered (3 AAA batteries required, not included) or DC5V USB
Connectivity Protocol	USB
Audio Output Mode	Mono
Mounting Type	Wall Mount (with included ball mount)
UPC	709307865779

## Warranty and Support

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For any questions or concerns regarding your WT-M12 PIR Motion Sensor Activated Sound Player Speaker, please contact us directly. We are committed to providing excellent customer service and will respond to your inquiries within 24 hours. While specific warranty details are not provided in this manual, please retain your proof of purchase for any potential support claims.