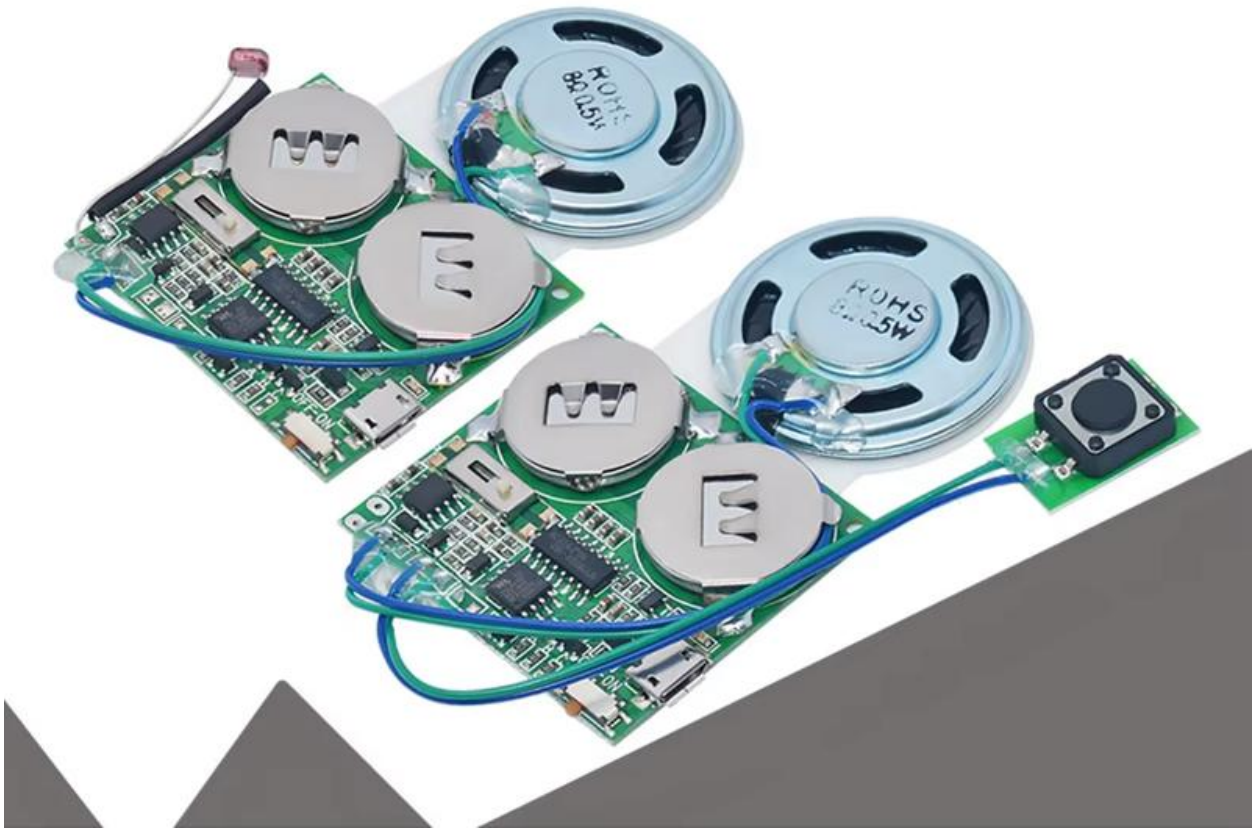# High quality MP3 music card movement

✅ Gift box toy music module
✅ USB download rechargeable

Functional specifications

1. Connect ordinary Android phone data line (Micro USB) to computer to download music;

2. Rechargeable: the product uses 3.6V button lithium battery, which can be recharged by connecting computer or charger with data cable;

3. Volume adjustment: there is a dial lever potentiometer on the board, adjustable volume;

4. Memory and playback modes are optional:

Style	Memory	Model	Picture
Relating to money	8M	Don't cycle	
		Cycle	

Style	Memory	Model	Picture
Button style	8M	Don't cycle	
		Cycle	
		Next song	

Model specification

Memory:

8M Byte: stores 8 minutes of standard MP3 music (bit rate :128kpbs).

Keys:

No cycle: press once to play automatically stop, midway press to stop, more than one is according to the storage order broadcast all stop.

Cycle: click the song repeat cycle play, until again press stop, more than one is according to the storage order cycle all.

Next song: when many songs, press to play the next song automatically stop after playing a song, midway or press to play the next song, to the last one back to the first one.

This item comes with the button and default mode: 000.

You can change to different modes by adjusting the 3.3K resistors.

Mode Switching

A	B	C	Button Control	TTL Control
0	0	0	Press the button once to play the voice once and then stop. It will stop p	Input H/L level signal once to play the voice once and then stop. It will stop playing immediately if input during playback.
0	0	1	Keep press button to play the voice once and then stop. It will stop playing immediately if release the button.	Keep input H/L level signal to play voice once and then stop. It will stop playing immediately if change the input signal.
0	1	0	Keep press button to cycle play the voice It will stop playing immediately if release the button.	Keep input H/L level signal to cycle play voice once It will stop playing immediately if change the input signal.
0	1	1	Press the button once to play the voice once and then stop it will replay from beginning if press the button during playback.	Input H/L level signal once to play the voice once and then stop .It will replay from beginning if input during playback.
1	0	0	Press the button once to play the voice once and then stop. The button will not be available during playback. It is available after stop playing.	Input H/L level signal once to play the voice once and then stop. Input will not be available during playback. It is available after stop playing.
1	0	1	Press the button once to cycle play the voice. It will stop playing immediately if press the button during playback.	Input H/L level signal once to cycle play voice once. It will stop playing immediately if input during playback.
1	1	0	Press the button once to play the voice once and then stop. The button will not be available during playback. It is available after stop playing. If the time of the pressing button is more than the time of the current voice, the module enters the loop playback module (This mode just for one voice).	Input H/L level signal once to play the voice once and then stop. Input will not be available during playback. It is available after stop playing. If the time of the input is more than the time of the current voice, the module enters the loop playback mode (This mode just for one voice).

Control Mode:

1. In the table, '0'means with 3.3K resistor; '1' means without 3.3K resistor.

2. Power-ON-Play Mode: It will enter Power-ON-Play mode If short circuit between two pads of button. That is to say, it will play voice immediately when power on.
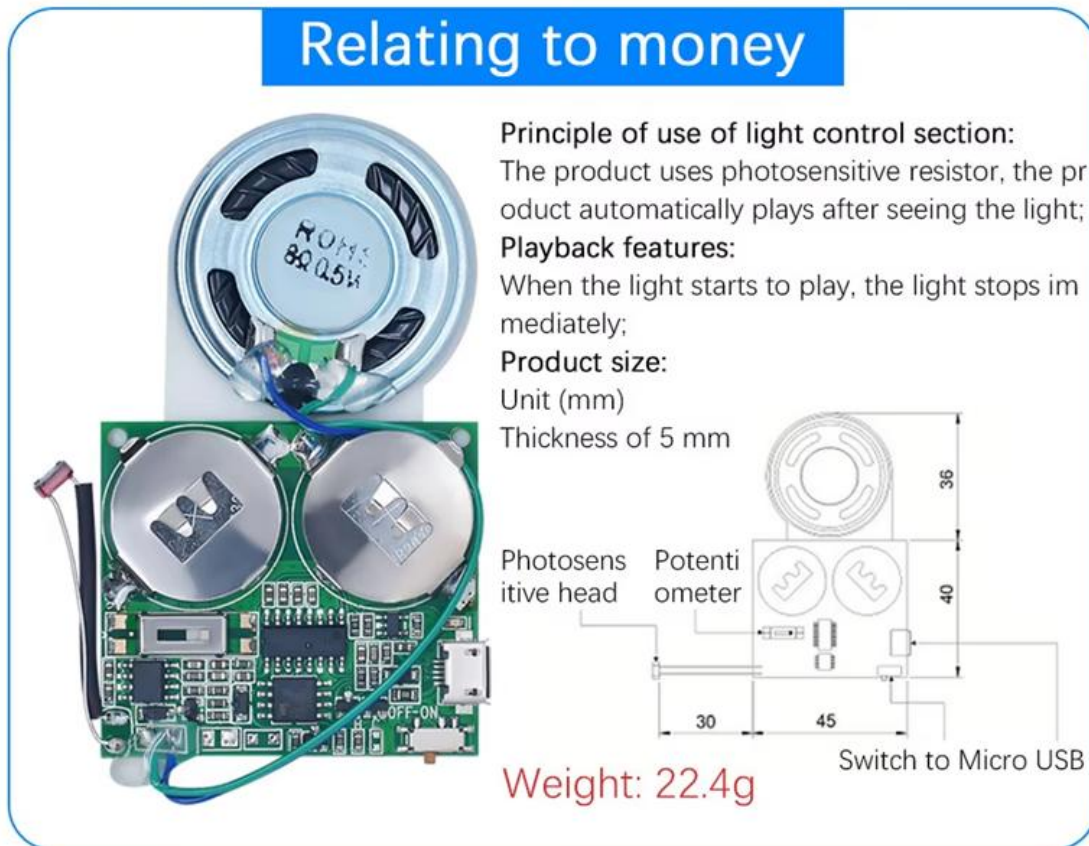
Optical section:

No circulation: it will stop automatically when the light is played once, and stop immediately when there is no light in the middle. When more than one song is played, all stops according to the storage order.

Cycle: always see the light of the song repeated cycle play, midway not light immediately stop, many songs according to the storage order cycle all.
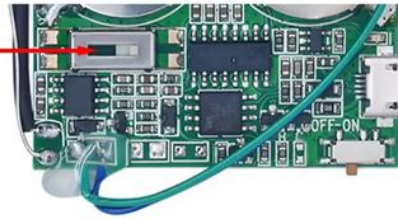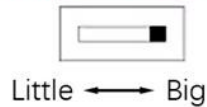
Product introduction

Relating to money

Principle of use of light control section:
The product uses photosensitive resistor, the product automatically plays after seeing the light;

Playback features:
When the light starts to play, the light stops immediately;

Product size:
Unit (mm)
Thickness of 5 mm

Photosensitive head   Potentiometer

36
40
30   45

Switch to Micro USB

Weight: 22.4g

Installation steps

OFF-ON

1. Place the received product in a place with light and turn on the switch. The test tone starts to play. (The product comes with test sound)   ON—OFF

2. Place the product in a dark place to stop playing, and start playing again in a place with light;

3. Turn off the switch, connect the computer with the USB cable, and download the music you need to play to the module (refer to the download steps);

4. Repeat steps 1 and 2 above. If it is normal, you can install the module on the product.

④ After downloading, unplug the USB cable and turn on the switch to test the sound. If the volume is not appropriate, the potentiometer can be adjusted to the appropriate volume value.

Turn this potentiometer to adjust the volume of sound

Little ←——→ Big

Matters needing attention

1. The two metal wires of the photoresistor shall not be short-circuited, otherwise the product cannot be used normally;

2. Photosensitive resistor must be installed in the position where the product can collect light, otherwise it cannot be used normally;

3. Light-controlled model will have slight power consumption regardless of whether it is played or not in the case of light, so the switch should be turned off during the installation of the product to avoid excess power consumption; After installation, turn on the switch in the absence of light does not consume power.

Product introduction

Button style

The use principle of the button:
The product controls play and stop by using button trigger signal;

Playback features:
Press the button to start playing, press the button again to stop playing, and then press the restart to start playing;
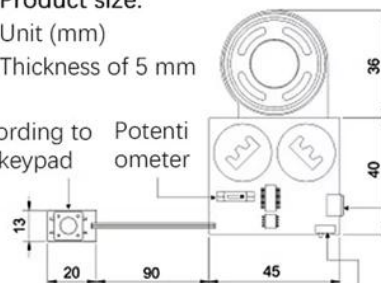
Product size:
Unit (mm)
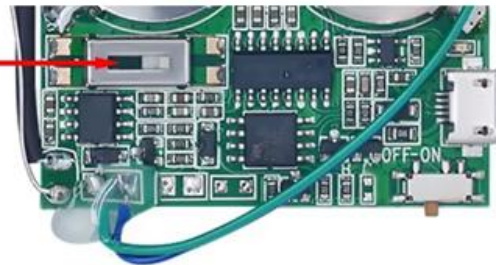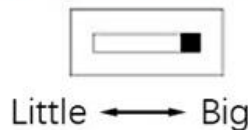Thickness of 5 mm

According to the keypad   Potentiometer

36

40

13

20   90   45

Switch to Micro USB

Weight: 23.5g

Installation steps

1. Turn on the switch after receiving the product
(The product comes with test sound)

ON—OFF

Press to start playing

2. Press the button, and the test tone starts to play.
3. Press the button again to stop playing the test tone.
4. Connect the computer with USB cable and download the music you need to play to the module;

Press stop during playback

5. Repeat steps 2 and 3 above. If it is normal, you can install the module on the product.

④ After downloading, unplug the USB cable and turn on the switch to test the sound. If the volume is not appropriate, the potentiometer can be adjusted to the appropriate volume value.
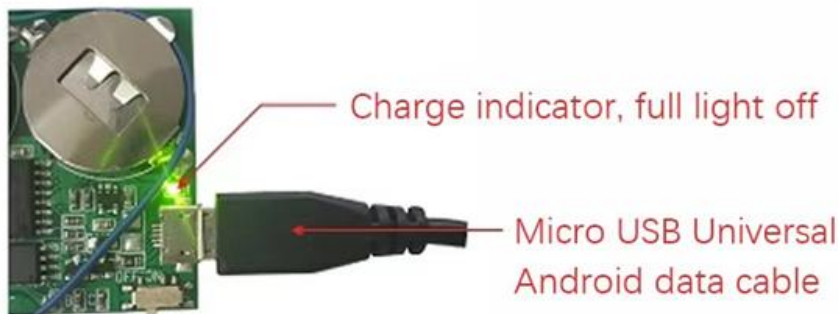
Turn this potentiometer to adjust the volume of sound

Little ⟵ Big

Matters needing attention:

Open the switch after getting the product does not need to close, the button does not play and does not consume power;

Download the steps

① Connect the product with the computer by data cable

Charge indicator, full light off

Micro USB Universal
Android data cable

② Open the Computer in Windows and find removable disk (USB disk)

(Support all Windows systems, at the same time support apple system, Apple system needs to be formatted and then download)

In Windows, the default format is FAT

If the Apple system is used for the first time, it must be formatted for reuse. The apple system formatting steps are as follows:

(Format and scheme must be selected and selected correctly to use)

1. Open the disk tool   2. Show All Devices   3. Select the disk that you want to format

5. Format: Select "ExFAT", solution: Select "Master Boot Record"   4. Choose to erase it

③ Open the removable disk, directly copy the song file to the disk (can save more songs, play in sequence)

Only support MP3 format, other formats need to be converted to MP3 format can not directly change the suffix (the next format factory software conversion)

Application field

Suitable for: DIY greeting cards, music boxes, gift boxes, cake boxes, toys, etc..

Apply to →

Music box, gift box, cake box, blast box, etc.

Apply to →

Toys, commemorative albums, photo albums

Product will