

Icstation B01M35VHY5 Button Control Recordable Sound Module User Guide

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Icstation B01M35VHY5 Button Control Recordable Sound Module



Product Information

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Button Control 8M Voice Playback Module

Description:

It is a Button Control 8M Voice Playback Module. It can play music by pressing the button and updating music through the micro USB socket. It can be used for DIY greeting cards, music boxes, gift boxes, toys, and more.

Features:

- Built-in default test sound. Test and then delete
- 8M storage memory
- Button trigger, simple playback
- Chargeable for battery

Parameters:

- Product name: Button Control 8M Voice Playback Module
- Input voltage: DC 4.5V-5V or 3.7V lithium battery
- Storage: 8M
- Output: 0.5W-1W
- Control mode: Button or TTL
- Work temperature: -40~85
- Work humidity: 5%~95%RH
- Module size: 30*30mm

- Speaker diameter: 36mm

Product Usage Instructions

Note:

1. Micro USB is used to update the voice file and cannot provide the power needed for playback. So it cannot play music if only connected via USB.
2. Please remove the USB before playing music.

Please format the voice module before use:

How to format

1. Please use a USB data wire but not use USB power wire. USB data wire can transmit data and USB power wire can not.
2. Connect the play module to a Windows PC by USB data wire just like a U-disk connects a PC that can be identified as a removable device.
3. Select the device click the right mouse and select 'Format'.
4. Select 'FAT32' file system and then click 'OK' to format memory.

Testing

1. Connect the red/black wire to power.
2. Press the button to play music; Press again to stop while playing. Otherwise, it will stop automatically after playing.

Updating Music File

1. Please use a USB data wire but not use USB power wire. USB data wire can transmit data and USB power wire can not.
2. Connect the play module to the PC by USB data wire just like a U-disk connects a PC that can be identified as a removable device.
3. Delete the original file, then copy and duplicate the new music file.
4. Remove the module from the PC and then connect it to power.
5. Press the button to play new music.

Switch Play Mode

1. Users can modify the working mode by changing the play mode. However, it is not recommended to modify the circuit if it is not necessary, otherwise, it may damage the circuit.
2. It uses 3pcs 3.3K resistor at A/B/C pads to change the mode;
3. In table: '0' means connected 3.3K resistor; '1' means no 3.3K resistor.
4. Default mode: 000. User can change mode by yourself.

5. Change play mode: It will enter Power-ON-Play mode If a short circuit between two pads of the button. It will play voice immediately after powering on.

A	B	C	Button Control Method	TTL Control Method
0	0	0	<ol style="list-style-type: none"> 1. Press the button to play once and stop. 2. Stop immediately after pressing during playing 	<ol style="list-style-type: none"> 1. Input the H/L level signal to play once and stop. 2. Stop immediately after inputting the H/L signal during playing.
0	0	1	<ol style="list-style-type: none"> 1. Play once and stop when keep pressing. 2. Stop immediately if the release button during playing. 	<ol style="list-style-type: none"> 1. Play once and stop when keep input the H/L signal. 2. Stop immediately if remove input during playing.
0	1	0	<ol style="list-style-type: none"> 1. Loop play if keep pressing. 2. Stop immediately if the release button during playing. 	<ol style="list-style-type: none"> 1. Loop play if keep the input H/L signal. 2. Stop immediately if remove input during playing.
0	1	1	<ol style="list-style-type: none"> 1. Press the button to play once and stop. 2. Replay from the start immediately after press during playing 	<ol style="list-style-type: none"> 1. Input the H/L level signal to play once and stop. 2. Replay from the start immediately after inputting the H/L signal during playing.
1	0	0	<ol style="list-style-type: none"> 1. Press the button to play once and stop. 2. Press again is invalid during playing. 	<ol style="list-style-type: none"> 1. Input the H/L level signal to play once and stop. 2. Input H/L again is invalid during playing.
1	0	1	<ol style="list-style-type: none"> 1. Press the button to loop and play all music 2. Stop immediately if pressed during playing. 	<ol style="list-style-type: none"> 1. Input the H/L level to loop and play all music. 2. Stop immediately after inputting the H/L signal during playing.
1	1	0	<ol style="list-style-type: none"> 1. Press the button to play once and stop. 2. Press again is invalid during playing. 3. Loop play if time T1 for keep press is more than the time T2 for music playtime. 4. This mode requires that only 1 music file can be stored. 	<ol style="list-style-type: none"> 1. Input the H/L level signal to play once and stop. 2. Input H/L again is invalid during playing. 3. Loop play if time T1 for keep input H/L is more than the time T2 for music playtime. 4. This mode requires that only 1 music file can be stored.



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Note:

1. It just can play MP3 music files.
2. Please read the manual and description before use.

Package

1. 1pcs Button Control 8M Voice Playback Module
2. 1pcs Micro USB data wire

Frequently Asked Questions

How do I format the voice module?

To format the voice module, follow these steps:

1. Use a USB data wire (not a USB power wire) to connect the play module to a Windows PC.
2. Select the device and right-click, then select "Format".
3. Select "FAT32" file system and click "OK" to format memory.

How do I update the music file?

To update the music file, follow these steps:

1. Use a USB data wire (not a USB power wire) to connect the play module to a PC.
2. Delete the original file, then copy and duplicate the new music file.
3. Remove the module from the PC and connect it to power.
4. Press the button to play the new music.

Can I use the micro USB for power and playback?

No, the micro USB is only used for updating the voice file, it cannot provide power for playback.

How do I switch the play mode?

Refer to the Switch Play Mode table in the user manual for different button control and TTL control methods.

It came with Micro USB cable?

Yes, it came with Micro USB cable.

It came with battery?

No, it came without battery. It needs to be connected to 4.5-5V power supply or 3.7V battery.

Does it support key recording?

No, it does not. It just support USB. Download voice file by micro USB.

Is there a default voice?

Yes. User can format memory to clear this voice if you don't need it.

Does it already have a power source?

It do not include the power source, please provide yourself, 18650 battery or lithium battery are both OK.

Can I use an external power transformer to power this unit?

Yes, you can. There are 2 power supply terminals, one for 4.5V-5V non-rechargeable power supply. Another for 3.4V-5V rechargeable battery. You can use the power transformer to 4.5V-5V terminals.


If I soldering a chargeable 3.7v battery to this board, can the USB both power the unit and charge the battery and is it that simple?

Yes, this board support battery charging functions, please note that you need to soldering the lithium battery to the 3.7V input terminals.

Can it play more than one file? Like, can we load 5 files on it, and it plays them one at a time for each time I push the button?

Yes, it can play more than one music. But please the internal storage couldn't go over 8M, and it can not choose to play the specified music because it just can play once or loop play.

Documents / Resources

	<p>Icstation B01M35VHY5 Button Control Recordable Sound Module [pdf] User Guide B01M35VHY5 Button Control Recordable Sound Module, B01M35VHY5, Button Control Recordable Sound Module, Control Recordable Sound Module, Recordable Sound Module, Sound Module, Module</p>
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References

- [amazon.com/shops/icstation](https://www.amazon.com/shops/icstation)
- [User Manual](#)