

X21-MB45 User Manual

Dear customer,

Thank you for purchasing the outdoor Bluetooth speaker X21-MB45. To ensure correct operation, please read this user manual carefully before operation.

Important Safety Instructions

- ◆ Do not use the speaker in special cold and hot environments.
- ◆ Please avoid the speaker dropping or hitting with a hard object, it may cause other hardware damage.
- ◆ Take care when charging the speaker, excessive prolonged charging will damage the battery lifetime. Charge the speaker to full capacity when using for the first time.
- ◆ When battery low, the indicator light will flash and voice prompt “battery low”, please charge speaker in time.
- ◆ If does not use this speaker for long time, please charge at least once within one month, in order to prevent the lithium battery from causing and damaging because of excessive consumption.
- ◆ Adjust the volume to appropriate level to avoid disturbing others.

Features

- **Bluetooth Music and Mobile Hands-free Function**

Bluetooth 4.2 stereo music playing, support mobile hands-free function.

- **Support TWS Function**

True Wireless Stereo (two same speakers can be paired and play music at the same time)

- **Aux-in**

Work as the external speaker by connecting to the audio source of computer, mobile, PSP/MP3/MP4 etc.

- **Micro SD Card / OTG USB Flash Disk Music playing**

Support MP3/WAV/WMA/FLAC/APE music format, capacity up to 32G

- **FM Radio**

With built-in antenna for better signal reception.

- **Card Reader and Battery Recharging Function**

The card reader and speaker recharging functions can be achieved via the included USB cable.

- **Water-resistance at IPX6**

- **Two aluminum passive radiators(top and bottom) will response with the music;**

- **Voice guide**

The speaker will prompt the working mode and status for easy operation.

Technical Data

Bluetooth Version: 4.2

Speaker Output: 15W (7.5W x 2)

Impedance: 4Ω

Speaker Driver: 45mm x 2 + passive radiator x 2

Working distance: 10M

FM RX Frequency: 87.5MHz ~ 108MHz

Built-in Battery: 3.7V / 2500 mAh

Size: 185mm x φ73 mm

Net Weight: 420g/0.93LB (Speaker Only)

Charging Time: 3.5 hours

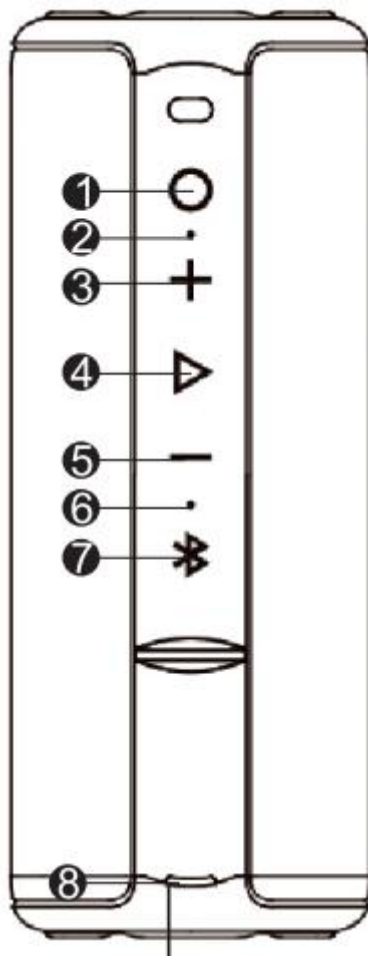
Playing Time: 10 hours at 60% volume

Support Profiles: A2DPV1.2 / AVRCPV1.4 / HFPV1.5 / HSP1.2 / GAVDP1.2

Package Contents

Bluetooth Speaker, Micro USB Cable, Aux in Cable, OTG cable, User Manual

Slot and buttons

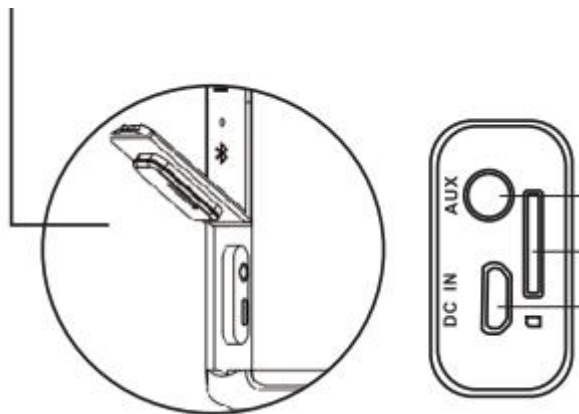


1. Long press: Power On/Off

Short press: Mode Switching

2. Power Indicator: Flashing-Charging / Solid-full charged

3. Short press: Next Track/FM channel
Long press: Volume +
4. Short press: Play/Pause/Mute/Pick Up/ Hang Up phone call
Long press: TWS Pairing/ TWS clear / Reject the phone Call
5. Short press: Previous Track/FM channel
Long press: Volume -
6. Operation Indicator: Flashing-Pairing / Solid-Paired
7. Short Press: Quick Switch to Bluetooth mode
Long press: Clear Bluetooth Pairing / Clearing Bluetooth Memory
8. Flip up Rubber Patch



1. Aux In Jack
2. Micro SD card Slot
3. Charging Slot / OTG USB Slot

Operation Instructions

1. Power on/off

Long press  button for 2 seconds to power on/off the speaker.

Each time to power on the speaker, the speaker volume will be under 30%. (If start playing with full volume, it may disturb or scare someone nearby). The default mode is Bluetooth mode.

2. Bluetooth

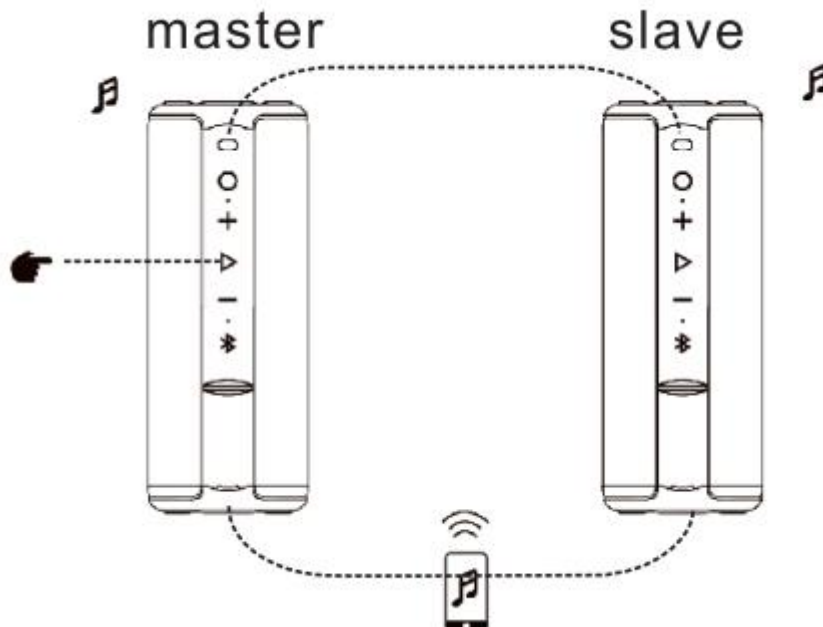
Please long press the  button to power on the speaker.

- 1) Please use  button to switch or  button to enter the Bluetooth mode.
- 2) Turn on the Bluetooth of your phone, search for nearby devices. The **Q16** will be found on your mobile pairing list, please connect it. Once connected, the speaker will prompt "Device paired" and the operation indicator will stop flashing and shows solid white.
- 3) Please turn on your phone's music player, and speaker will play the selected music.

Please Note: We suggest you download HQ music to get optimal listening experience.

4) The speaker will pair with the latest used Bluetooth device automatically. Long press the  button to disconnect the current Bluetooth connection. The speaker will prompt "Device disconnected". Then other Bluetooth devices can find and pair with the speaker.

5) TWS(True Wireless Stereo) function (only works in Bluetooth and Aux In mode)



- a) Power on 2pcs Q16 (ensure both speakers are in Bluetooth waiting to pair status).
- b) Long press the  button for 2 seconds on either one speaker to enter the TWS pairing mode
- c) Once two speakers paired. The speaker you press, which operation indicator flashing in white is the master speaker. The other one in solid blue is the slave speaker.
- d) Use your phone to pair the master speaker Q16, and play music on both speakers.
- e) TWS function also works at AUX-in mode, please note to make the TWS pairing first, then plug in the included 3.5mm Aux cable into master speaker, the master speaker will be switched to AUX In mode automatically. (FM /Memory card/USB mode does not support TWS)
- f) Long press the  button on either one speaker to disconnect the TWS pairing. The operation indicator of both speaker will flash in White.

3. Micro SD Card/OTG USB Music Playing



Inserting the Micro SD Card into the speaker. Short press the  button to enter the memory card mode , the speaker will prompt “memory card mode”, Then the speaker will play the Micro SD card music directly.

Connect the Micro USB charging slot and the USB flash disk via the included OTG cable, the short press the  button until the speaker prompt the “USB mode”. It will play the music on your USB flash disk (Please insert a good status USB flash disk first, then the speaker can be switched to the USB mode) .

Please Note: he Micro SD card/USB Flash Disk supporting memory upto 32G, and support the audio format at MP3, WMA, WAV,APE,FLAC.

4. FM Radio

Short press the  button to the FM mode (the speaker will voice “FM mode”); Short press / buttons to semi-auto scan the FM channels

5. Aux in Mode

Use the 3.5mm audio cable included to connect the speaker to an audio source (PC, MP3/MP4, mobile phone). the speaker will prompt “Aux in” mode. The speaker will play the music from the audio source.

Please Note:

Track switch button of speaker does not work under Aux in mode, you can only switch sound track from audio source device.

Button functions in Bluetooth/Memory card/USB/FM/Aux In mode:

Buttons	Music Functions	Mobile hands-free Functions
	Short press for previous track/Channel Long press to decrease the volume	Short press  /  button to switch the call between the speaker and the phone
	Short press for next track/Channel Long press to increase the volume	
	Short press for play/pause/Mute Long press to switch the folder of the micro SD card / USB Flash Disk Long press to enter/exit the TWS mode	Short press to answer/end the call Long press to reject the call
	Short press to enter the Bluetooth mode Long press to disconnect the current Bluetooth pairing	
	Long press to power on/off Short press to switch the working mode	

6. Card Reader

Inserting the Micro SD Card into the speaker and power off. Please use the USB cable included to connect the speaker to the computer. The speaker will enter the card reader mode, then the Micro SD card can be read and written on the computer directly.

Note: *The first time using this function, computer will install the driver automatically.*

7. Intelligent power saving function

The speaker will be automatically powered off in below cases:

- (1) Under Bluetooth mode, the speaker is waiting to pair for more than 20 minutes
- (2) Under Memory card mode / FM mode / Aux In mode, if press the  button to pause/mute for more than 20 minutes.

Note: *Please long press  button again to power on the speaker*

8. Charging

When speaker with low battery capacity, the speaker will prompt “**battery low**”, Please charge the battery via a USB adaptor immediately. During charging, the power indicator will keep flashing in white. When fully charged, the power indicator will in solid white.

Note:

Please use the good quality adaptor to charge the speaker.

We suggest use the adaptor specification at 5V/1A

When speaker with low battery capacity, please charge the speaker immediately

The speaker can be charged by different charging current, if using the computer to charge the speaker, as the current only at 700 mA, the charging time will be very long.

Troubleshooting

1. What should I do if the speaker can not pair with the Bluetooth device and play music accordingly?

- (1) Please check the specification/ the manual of the Bluetooth device (your mobile or computer), and check if the device can support the A2DP stereo audio transmission. If yes, please turn on the A2DP stereo mode.
- (2) Ensure the speaker at the Bluetooth status, if there are many Bluetooth devices around you, it may be hard to scan, then please turn off other devices.

2. What should I do if the Micro SD card /USB flash disk can not work?

- (1) Ensure that the Micro SD card/USB flash disk is in good condition. Also check that the audio files are the correct formats - MP3/WMA/WAV/APE/FLAC.
- (2) Besides the above case, the problem maybe the compatibility of the Micro SD card/USB flash disk.

We recommend you formatting the Micro SD Card to FAT32 file formats.

3.What should I do if the speaker get stuck and all the button can not working.

The speaker's inner system may be wrong with some inappropriate operation. Please try to long press the  button to re-power on the speaker.

4.What should I do if the speaker can not receive the FM channels?

- (1) Make sure the speaker is under the environment with covering the FM signal.
- (2) To adjust the speaker direction to make the speaker with better reception

FCC Statement:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.