

SP100B说明书
SZ:110*110mm

Eacome Electronics Co.,Ltd.
Address:Floor 15th,Baoneng Technology Building,Qingxiang Road,
Longhua District,Shenzhen,China
Tel:+86-755-86223372 ext 838
Fax:+86-755-86223522
Web:www.eacome.com
Email:Tylerzhou@eacome.cn

EACOME®
Speakerphone User Manual

SP100B



Bluetooth/USB speakerphone SP100B

Bluetooth/USB speakerphone SP100B fix up the insufficient for those products that can only connect other communication terminals via USB cable, it added Bluetooth connection function. It can be connected with mobile phones and other communication terminals via Bluetooth, it has good echo cancellation function. Its microphone collection distance is up to 4 meters, suitable for small professional conference rooms within 15 square meters and personal offices. At the same time, SP100B is also suitable for remote interactive teaching and students' online assignments.

Bluetooth/USB speakerphone SP100B can be connected to the PC for unobstructed full-duplex voice calls, adaptive to 16 KHZ full-duplex echo cancellation, automatically adapted to the different voice bandwidth of audio and video products or systems, its' sound quality is clear. It can support the video device, VoIP, UC unified communications and instant communication software, achieve convenient Internet collaborative office, improve the efficiency of meeting and working. SP100B is a economical conference system audio configuration.

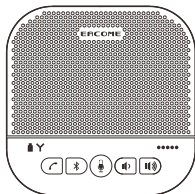
SP100B products are exquisite and small, it is so easy to carry that suitable for private travel too.

Content

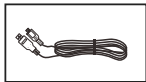
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Parts List

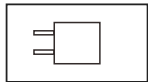
Speakerphone



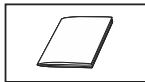
Parts list



USB Cable

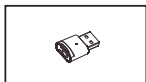


Power adapter



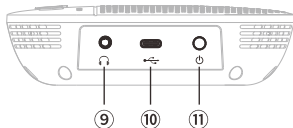
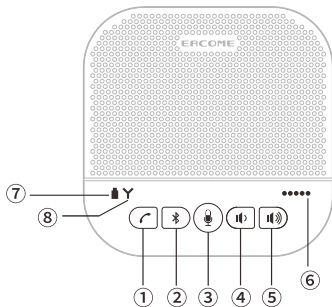
User manual

Optional Accessories



Bluetooth Adapter






Speakerphone Overview



- ① Answer/End Call
- ② Bluetooth
- ③ Microphone Mute
- ④ Volume down
- ⑤ Volume up
- ⑥ Volume status indicator

- ⑦ power status indicator
- ⑧ Bluetooth status indicator
(Y-type indicator)
- ⑨ Headset port
- ⑩ USB port
- ⑪ Power switch


SP100B Keypad

	Volume button	Volume up/down
	Answer/End call	Answer/End the Bluetooth call
	Bluetooth button	Turn on/off Bluetooth
	Mute microphone button	Turn on/off the Microphone
	Power On/Off	Long press(3 secs) to turn on/off the power

LED Indicator


Wireless status indicator (Y-type indicator)	Green light flashing	Bluetooth pairing state
	Green light on	Bluetooth connected
Microphone Status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally
Volume status indicator	Green light on	Microphone working normally/ The brightness of status LED will increase or decrease with the speaker volume up or down.
	Green light flashing	Speaker mute
Power status indicator	Red light on	Low battery, must be recharged
	Green light on	Charging
	Green light off	The battery is fully

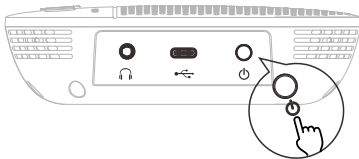
Turning the Power On and Off

Press and hold the power button "  " for three seconds or more to turn the power on.

Press and hold again for three seconds or more to turn off the power.


In addition, when the USB port of the host is connected to the computer or external audio and video terminals, the host will turn on automatically.

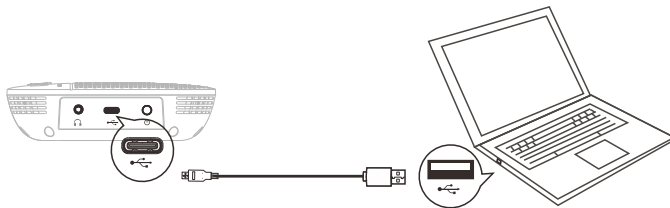
 Note: When not charging, if there is no operation for 3 minutes or more, the power turns off automatically (automatic power off function).




Connection Steps for USB

Connecting the PC/ video system to SP100B's USB port with a USB cable. It will take a few seconds to install the driver automatically for the first setup.

 Note: Right-click the microphone icon at the bottom right of the PC screen and click "sound" to display the "sound" screen. Click the "Playback" and "Recording" tabs and check that "EACOME SP100B" is set as the default device. If it is not set as the default device, click "EACOME SP100B" and click "Set Default".



Connecting a headset/headphones

You can communicate using a headset/headphones by connecting a commercial headset/headphones equipped with a 3.5mm audio cable to the “” port on this product.

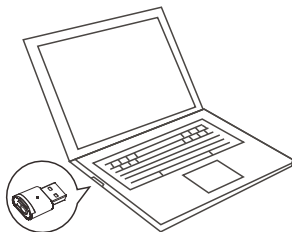
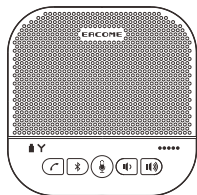


Wireless Connection

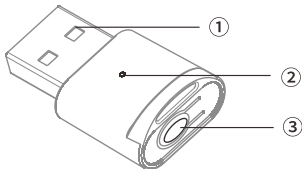
SP100B connection steps:

When the SP100B is under normal working condition, press "ⓑ" to turn on Bluetooth for pairing. Then the Bluetooth status indicator (Y type indicator) will flashing ;

1. Insert the Bluetooth adapter into your computer or other devices. The adapter will enter pairing mode. The adapter is in flashing (flashing once every 300ms);
2. Bluetooth adapter will automatically search SP100B Bluetooth. About 10 seconds, the speakerphone and the adapter will establish Bluetooth Connection. After successful connection, the Bluetooth status indicator on the speakerphone (Y type indicator) will be long on. Adapter in Slow flash state (light flashes once a second);
3. Wireless voice calls can be made at this time.



Wireless Bluetooth Adapter Specification



- ① USB Port (for power supply and USB audio connection)
- ② Adaptor LED indicator
- ③ Adaptor control keys



LED Status Indicator

Adaptor LED indicator	light flashing quickly	The device searches for pairing status
	light flashing slowly	The connection is successful

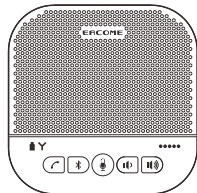
Keypad

Adaptor control keys	Double click on the key	The device enters the pairing state
	long press 5 seconds	Clear pair record

Bluetooth Connection (SP100B)

1. Press and hold the “  ” button until the Bluetooth Indicator(Y type indicator) flashes green light. The speakerphone is under Bluetooth pairing mode.
2. Turn on the Bluetooth function of the mobile phone and click search.
3. Search “Eacome SP100B” with your Bluetooth device and connect.
4. When the Bluetooth was set up, the Bluetooth indicator(Y type indicator) will keep lighting on. Then you can use the speakerphone for audio call.
5. Press the “  ” button to turn off Bluetooth.

 **Note:**
when Bluetooth fails to match within 40 seconds, Bluetooth needs to be restarted.



Applications

The video conference software

- Support wireless, can connect with a pc or video device without cable to realize wireless voice call
- Support USB communication, support video conference terminal, multimedia communication terminal
- Support video conference software, various network conference software, UC unified communication
- Support Zoom, Huawei Cloud, Suirui, Haostong, Webex, Aver, Bizconf, Skype
- Support speaker signal output through 3.5mm interface, connect to external mixer and sound system to achieve local sound reinforcement to meet the needs of a larger venue

Advantages

1. Provide full-duplex hands-free phone calls for terminal device
Connect to SP100B via the USB channel of the terminal device:
 - Video conferencing
 - Internet audio
 - VoIP audio calls
 - Bluetooth audio calls
2. Advanced HD-Voice audio processing technologies deliver remarkably rich,full audio for natural,effortless conversations:
 - True full duplex performance allows user to listen and speak at the same time without audio cutting in and out .
 - Distributed Echo cancellation.
 - Noise cancellation.
 - Advanced automatic level management.
3. 4 inner omni-directional microphones gather over 4m, 360 degree range.
4. Support Bluetooth to make a conference call with mobile phone,and connect to a PC or video device with a bluetooth adapter without USB cable
5. Built-in chargeable battery : 2600mAh, talk time 9 hours and stand-by time 120 days.

Specification

1.DSP processing technology

Echo Cancellation Noise Suppression Automatic gain control

2.Audio parameters

Microphone frequency response: 100Hz-7KHz

Speaker frequency response: 100Hz-20KHz

Microphone sound-pickup coverage: 4 meters, 360 degree range

Speaker Volume: up to 80dB

3.System Requirements

Windows,Android,iOS,Linux

4.Interface

USB port *1 Headset 3.5mm port*1

5.Usage environment and specifications

Reverberation Time: < 0.2 sec Battery Capacity:2600mAh

Noise Degree: < -50 dBA

Power Requirement: USB standard,5V \pm 500mA

Storage Temperature: 0°C-70°C Humidity: 20%-85%

Operating Temperature: 4°C-50°C (operating state)

SP100B Product Warranty Registration Card

Item No.: _____

Date of purchase: _____

User Name: _____

Tell: _____ Fax : _____

Address: _____

E-mail: _____ Zip Code: _____

Dealer name : _____

Dealer phone : _____