AUCTOPUS I-32W wireless speakerphone

User manual

Product Overview

Thanks for your purchase of a conference speakerphone product we provide.

This 2.4GHz wireless digital conference speakerphone is ideal for high-end audio/video networking conferences. It is applicable for software video conference systems, large-screen AIO video systems, Skype, QQ and other voice and video chat applications. With an audio adapter connected, it is applicable for various hardware video conference systems, education & training systems, network monitoring systems, telemedicine systems, smart city systems and conference recording and playing systems. This palm-sized portable device features plug-and-play without the need of driver installation. The audio output port enables the use of digital amplifier and external speaker. USB and 6.5mm audio ports are provided; XLR adapter is optional.

Major Functions:

1) Adopt wireless digital technology and strong anti-interference technology; support intelligent frequency hopping at multiple frequency bands.

2) Employ digital microphone, broadband speaker output and speech enhancement.

3) Need no driver in USB mode; support operating systems like Windows and Android.

4) USB and 6.5mm audio ports are provided; XLR adapter is optional.

5) Build-in battery with intelligent power saving function; simple charging is achieved via USB.

6) Support audio output; headphone and active speaker can be connected.

7) Adopt the second-generation intelligent echo cancellation technology.

8) Algorithms for echo cancellation, noise cancellation, automatic gain control, etc. are built in.

9) Support special wireless audio kits.

Device Description

I. Description of Structure and Functions

Power button:

Long press this button to make the device enter the standby mode (the bottom right blue light will blink) to wait for connection of the wireless adapter; during working, long press this button to power off the device. When power is supplied via USB, short press this button to power on the device.

For audio output or connection of a 3.5mm headphone.

USB power port:

For connecting USB power supply.

II. Description of Indicator Status

Bottom right indicator: The blue light will turn on when the microphone is muted. When the wireless adapter is not connected, the blue light will blink (indicating standby mode). When the built-in battery level is low, the orange light will blink; upon full charging, the

orange light stays on in standby mode.

Triangular indicator: When the device is powered on, the blue light will blink once with high light and then go off. The device will stay in standby mode; when there is wireless connection, the blue light will stay on with low light.

III. USB Power Supply and Charging

1. This device is provided with a built-in rechargeable battery. Before use of the device for the first time, please charge the battery fully.

2. When one end of the USB cable is inserted into the USB port on the device and the other end to the USB port on the computer or to USB power supply, power will be supplied to the device and the built-in battery will be charged. At the same time, the device will be powered on automatically.

3. Upon full charging, the bottom right indicator will turn orange and stay on when in standby mode.

4. When charging is finished, you can disconnect the USB cable from the device for use during wireless movement.

5. In case of low battery during use, the bottom right indicator will turn orange and blink. In such case, please timely use the USB cable to charge the built-in battery.

Description of Function Application

I. Application of Computer Network Teleconference Function (when the USB wireless adapter is connected)

Connected via the USB wireless adapter, this device can be used as an external microphone or speaker for computer, enabling computer network teleconference and music playback.

Preparation before use

This device is applicable for intelligent computer equipment installed with operating systems such as Microsoft Windows 7/8 and Android (Version 4.4 or lower). USB 1.1 or higher (USB 2.0 recommended) port and Internet connection are required; an IM application or VoIP package (e.g., QQ, Skype) with network call function should be installed.

The USB wireless adapter supplied with the device is plug-and-play without the need of driver installation.

Power-on and Wireless Connection

Long press the power button until the device is turned on and enters the standby mode. At this moment, the bottom right blue light blinks continuously, waiting for connection. When the USB wireless adapter is connected to the USB port on the intelligent computer equipment, the USB driver will be automatically installed on the computer. At this moment, the triangular blue light will stop blinking and stay on, suggesting successful wireless connection between the device and the intelligent computer equipment.

Music playback and audio output port

This device can be used as an external speaker for intelligent computer equipment. Via the music player software on the computer, it can achieve music playback through the speaker on the device.

Also, a headphone can be connected to the 3.5mm audio output port on the device, or an

active speaker can be connected to realize high-quality amplification and wider-range speech broadcasting and music playback.

In this application, you can press the "Speaker Mute" button to mute the speaker on the device (the bottom left indicator will turn blue), but this will not disable the sound signals from the audio output port.

Support functional extension of special wireless audio kit

For functional extension in standard application, please see the following application scenarios of the special audio kit:

1) Standard application scenario 1 (this product):

Standard configuration, comprising a USB wireless adapter and an omnidirectional microphone device.

Mainly used as USB port for PC connected with hardware equipment in audio/video conferences, supporting the extension of wireless omnidirectional microphone.

2) Extended application scenario 2:

Comprising a USB wireless adapter, an omnidirectional microphone device and a wireless speaker control box.

Mainly used as USB port for PC connected with hardware equipment in audio/video conferences, supporting the extension of wireless omnidirectional microphone and wireless speaker.

Connection of wireless speaker control box:

Unpack the speaker control box and take it out; tighten the folded antenna onto the TAN antenna connector on the control box. Properly connect the audio input cable and the power adapter of the active speaker, as shown in the figure. After power-on, it can work in the wireless connection state.

As for the USB wireless adapter and the omnidirectional microphone, you can follow the above operation instructions.

3) Extended application scenario 3:

Comprising an omnidirectional microphone device, a wireless audio port control box and a wireless speaker control box.

Mainly used as audio port for hardware equipment in audio/video conferences, supporting the extension of wireless omnidirectional microphone and wireless speaker. Support audio ports like 6.5mm, 3.5mm, XLR and RCA ports.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

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 to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help

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.