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BY LIBERTY AV SOLUTIONS

DL-USB-360SPKMIC
Quick Install Guide

Product Overview

The DigitaLinx DL-USB-360SPKMIC USB speakerphone is a leading USB 2.0 peripheral offering enhanced speech intelligibility with noise cancelation intended to capture and send audio for tasks such as video conferencing, streaming, webinars, on-line classes and personal chatting. A true plug-and-play audio device, no driver is required when using software platforms such as Zoom, Teams, YouTube, Face-time and other software applications making it suitable for all occasions and users.

Featuring a low profile design, the DL-USB-36SPK0MIC is suitable for flat surfaces such as conference room tables, podiums, workstations and other surface types. With a 360° pickup pattern, the omnidirectional microphone allows users to be heard from up to 1.5-2 meters (6.5') away, offering a diameter between 3-6 meters. Connectivity includes USB 2.0 cable with male end, two USB ports for USB expandablity and convenient volume control push buttons with integrated LED indicators.
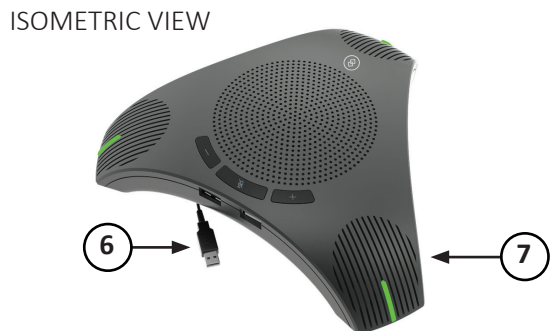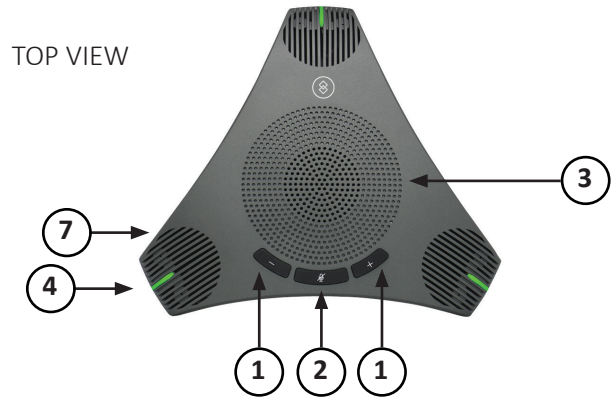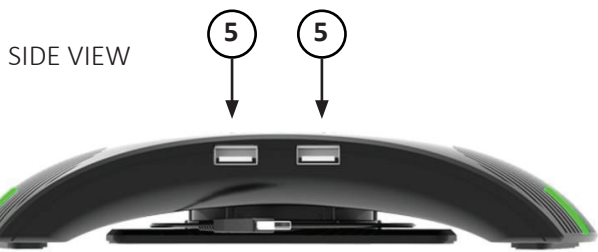
Package Contents

(x1) USB
Speakerphone

(x1) Quick
Installation Guide

Product Breakdown

SIDE VIEW

TOP VIEW

ISOMETRIC VIEW

Start Guide

1. Volume Up/Down Controls
2. Mute/Unmute Control
3. Wideband Speaker
4. Illuminated LED Indicator: Red (mute), Green (un-mute)
5. USB 2.0 Hub
6. USB 2.0 3m Cable
7. Microphone
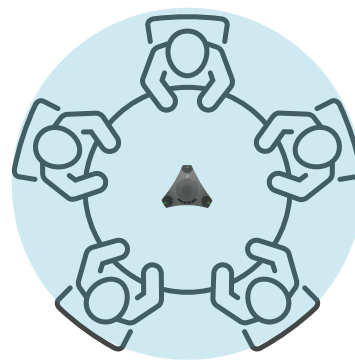
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Setting Up Your Device

• Requirements - A conference host by USB (Compatible to any host OS of Windows/Android/ios)

• Install a video conferencing desktop app such as Zoom, Teams or Google Meet onto the computer.
  Note: verify your preferred video calling application requirements

• Placement - The DL-USB-360SPKMIC should be placed on a sturdy flat surface and aimed at the sound source.
  Note: Materials respond differently to certain frequencies - creative placement techniques may be required.

Typical Desk Layout

Typical Meeting Room Layout

• Connectivity - Locate the DL-USB-360SPKMIC speakewrphone and plug into the USB port of the computer. A Type A USB 2.0 extension cable or hub may be used for signal extension.

• Microphone Navigation - *settings>privacy>microphone* or similar within your PC and turn on 'let apps use my microphone'

• Close all other applications that may use the DL-USB-360SPKMIC as a microphone.

• Run your prefered software to use with the microphone.

• Navigate to the "audio & video settings" within the software

• Select "LibAV 360SPKMIC"in the Microphone drop down menu to receive excellent audio quality.

• LED lights on the microphone will light up to indicate the microphone is running.

• Speaker Navigation - *settings>privacy>speaker* or similar within your PC and turn on 'let apps use my speaker'

• Close all other applications that may use the DL-USB-360SPKMIC as a speaker.

• Run your prefered software to use with the speaker.

• Navigate to the "audio & video settings" within the software.

• Select "LibAV 360SPKMIC"in the Speaker drop down menu to receive excellent audio quality.

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Maintenance and Troubleshooting

Maintenance
- If the speakerphone is not in long-term use, please disconnect the power switch or microphone after use.
- When cleaning the speakerphone, please use dry soft cloth to wipe, if dirt is serious, use neutral cleaner gently. Do not use strong or corrosive detergent.

Avoid
- Unnecessary audio feedback by experimenting with mic positions with respect to the speakers, decreasing speaker volume (whenever possible), and adjusting the equalization within audio software.
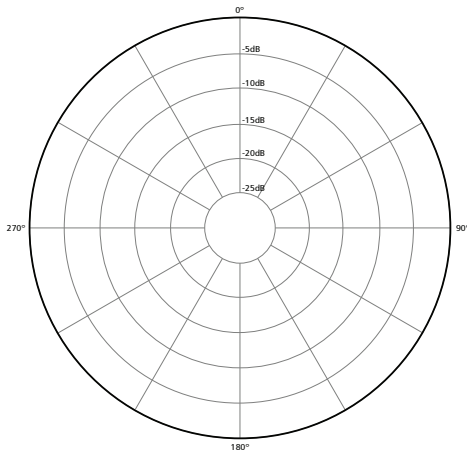- Spilling liquid on the speakerphone.

Troubleshooting
- The speakerphone is not picking up sound
    - Step 1: Make sure the speakerphone is not muted. Press the microphone icon until the icon is illuminated to a green color. In addition, check the software has not been muted.
    - Step 2: Check the microphone gain within the software that you are using, within reason, increase the gain in the software until the microphone is picking up sound.
    - Step 3: You may experience a delay in hearing your audio input from the microphone if you are monitoring in real time. A slight delay is called "latency" and is common for many types of software used with this unit.
    - Step 4: An ideal placement for the microphone is directly in front of the person speaking.
- Computer software doesn't detect the microphone-
    - Step 1: Make sure that any other applications that are using the microphone are fully closed.
    - Step 2: Within the software of your choice, go into the "audio & video settings" Select "LibAV 360SPKMIC" in the Microphone drop down menu.
    - Step 3: Make sure the USB drivers on your computer are up to date.
- Computer hardware doesn't detect the microphone -
    - Step 1: Reconnect the microphones USB cable to your computer.
    - Step 2: Restart your computer.
- Computer software doesn't detect the speaker-
    - Step 1: Make sure that any other applications that are using the speaker are fully closed.
    - Step 2: Within the software of your choice, go into the "audio & video settings" Select "LibAV 360SPKMIC" in the Speaker drop down menu.
    - Step 3: Make sure the USB drivers on your computer are up to date.
- Computer hardware doesn't detect the Speaker -
    - Step 1: Reconnect the microphones USB cable to your computer.
    - Step 2: Restart your computer.
- Additional Information
    - Experimenting with the position of the mic with respect to the audio source will ensure the optimum results you are seeking in any given application.

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Technical Specifications

Speakerphone	
Suitable Pick up range	(118.11") 3 meters diameter
Maximum Pick up range	(196.85") 5 meters diameter
Frequency Response	20Hz~20kHz
Directivity	Ominidirectional
Pickup Pattern	360°
Pickup Angle	180°
Microphone Sensitivity	-35 dB(V/Pa)
Signal to Noise Rate	65dBA
Echo Cancellation	Max 256ms echo
Gain	Auto-adaptive gain ±6dB on program audio out
Noise Depression	Up to 18dB
Sampling Rate	48kb
Button	1 x mute push button, 2 x volume push button
Provided Cable Length	(196.85") 5 meters
LED Indicator	3 x Green LED: Microphone ON; 3 x Red LED: Microphone Muted/Off
Features	
Operating System	Windows®7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
USB Communication Protocol	UVC 1.1
Input/Output Interface	
USB Interface	1 x 3m premolded USB 2.0: Type A cable, 2 x USB 2.0: Type A hub
Physical Parameter	
Input Voltage	DC5V/1A
Power Consumption	2.5W (Max), 0.5(Standby)
Operating Temperature	0° to 50°C (+32° to 122°F)
Storage Temperature	-20° to +70°C (-4° to +160°F)
Dimension (LxWxH)	203mm x 179mm x 40mm (7.9"x7.05"x1.57")

Polar Pattern: Omnidirectional

Thank you for your purchase.

For Technical Support please call our toll free number at
800-530-8998 or email us at supportlibav@libav.com

www.libav.com

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