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> iTOPVIS Conference Speakerphone User Manual

iTOPVIS NV-A101-UK

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Model: NV-A101-UK

1. PRODUCT OVERVIEW

The iTOPVIS Conference Speakerphone (Model: NV-A101-UK) is a versatile audio device designed for professional and personal communication. It combines an omnidirectional microphone with a high-quality speaker, making it ideal for conference calls, online meetings, voice recording, and general audio playback. Its plug-and-play USB connectivity ensures easy setup with various operating systems and communication platforms.



Figure 1: iTOPVIS Conference Speakerphone

This image shows the iTOPVIS Conference Speakerphone from a top-down perspective, highlighting its triangular shape, central speaker grille, and control buttons. Green indicator lights are visible on the corners.

2. KEY FEATURES

- **Plug and Play USB:** No drivers required. Simply connect to your PC via the USB interface for immediate use.
- **360° Omnidirectional Microphone:** Captures voice clearly from all directions, suitable for 8-10 person conference rooms. Automatically reduces background noise for clear conversations.
- **High-Quality Audio:** Features an omnidirectional microphone and HD Voice for clear communication. Acoustic echo cancellation eliminates echo, and noise isolation ensures a high-quality conference experience.
- **DSP Technology:** Digital Signal Processing (DSP) provides Automatic Gain Control (AGC), Acoustic Echo Cancellation (AEC), and Automatic Noise Suppression (ANS) for optimized audio performance.
- **Universal Compatibility:** Compatible with Windows 7, 8, 10, and Mac OS. Optimized for common conferencing applications such as Zoom, Skype, WebEx, GoTo Meeting, Google Hangout, and FaceTime.

360° Omnidirectional microphone

3 meters voice pick-up range



Figure 2: 360° Omnidirectional Microphone Coverage

This diagram illustrates the 360-degree voice pickup capability of the microphone, showing sound waves emanating from the device in a circular pattern, covering a conference table with multiple participants.

Built-in Speaker

HD Voice lets you have lifelike, vibrant conversation. You will not have to struggle to hear what the other person is saying.



Figure 3: Built-in Speaker Performance

This image depicts the speaker's audio projection, with sound waves spreading outwards from the device, ensuring clear audio for all participants around a large conference table.



Figure 4: DSP Technology in Action

This graphic illustrates the benefit of DSP technology, showing two identical conference setups. The left setup indicates clear audio with DSP, while the right implies potential audio issues without it, emphasizing improved sound quality.



Figure 5: Universal Compatibility

This image displays a collection of logos for various operating systems (Windows, Chrome OS, Mac OS, Linux, Android) and popular video conferencing software (Skype, Zoom, WebEx, GoToMeeting, etc.), indicating the wide compatibility of the speakerphone.

3. SETUP

Setting up your iTOPVIS Conference Speakerphone is straightforward due to its plug-and-play design. Follow these simple steps:

1. **Connect to Computer:** Locate an available USB port on your computer (PC or Mac).
2. **Plug In:** Insert the USB cable from the speakerphone into the USB port on your computer.
3. **Automatic Recognition:** Your computer should automatically recognize the device. No additional drivers are typically needed.

4. **Select as Default Device (if necessary):** In your operating system's sound settings or your conferencing software's audio settings, ensure the iTOPVIS speakerphone is selected as the default microphone and speaker device.

Universal Compatibility

Full compatibility with the current popular video meeting softwares



Figure 6: USB Plug and Play Connection

This image shows a person connecting the iTOPVIS speakerphone to a laptop via its USB cable, illustrating the simple plug-and-play setup process.

USB Plug And Play

No drivers to install, easily connected to your PC computer via USB interface. It's convenient and stable.



Figure 7: Speakerphone Side View with USB Ports

This image provides a side view of the speakerphone, clearly showing the integrated USB cable and additional USB ports for connectivity.

4. OPERATING INSTRUCTIONS

The iTOPVIS Conference Speakerphone features intuitive controls for managing your audio during calls and meetings.



Figure 8: Speakerphone Controls and Indicators

This image provides a detailed top-down view of the speakerphone, labeling its key components: the indicator lights, the central speaker, and the control buttons for volume down (Vol-), mute, and volume up (Vol+).

Controls:

- **Volume Down (Vol-):** Press to decrease the speaker volume.
- **Mute:** Press to mute or unmute the microphone. The indicator lights may change color or flash to indicate mute status.
- **Volume Up (Vol+):** Press to increase the speaker volume.

Indicators:

The green indicator lights on the corners of the speakerphone provide visual feedback on its status, such as power on, active microphone, or mute status. Refer to your conferencing software for specific on-screen indicators.

5. MAINTENANCE

To ensure the longevity and optimal performance of your iTOPVIS Conference Speakerphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Do not use liquid cleaners or abrasive materials, as they may damage the surface or internal components.
- **Storage:** When not in use, store the speakerphone in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the speakerphone, as this will void the warranty.
- **Cable Care:** Handle the USB cable gently. Avoid bending or twisting it excessively, which can damage the internal wires.

6. TROUBLESHOOTING

If you encounter issues with your iTOPVIS Conference Speakerphone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speaker / Microphone not picking up audio	<ul style="list-style-type: none"> • Incorrect default audio device selected. • Volume too low or muted. • Loose USB connection. • Software conflict. 	<ul style="list-style-type: none"> • Check your computer's sound settings and conferencing software to ensure the iTOPVIS speakerphone is selected as the default input/output device. • Increase volume using the Vol+ button on the device or your computer's volume controls. Ensure the microphone is not muted. • Unplug and re-plug the USB cable firmly. Try a different USB port. • Restart your computer and the conferencing application.
Audio quality is poor (echo, noise)	<ul style="list-style-type: none"> • Environmental noise. • Software settings. • Proximity to other audio devices. 	<ul style="list-style-type: none"> • Ensure you are in a quiet environment. • Verify that DSP features (echo cancellation, noise suppression) are active in your software settings if applicable. • Avoid placing the speakerphone too close to other speakers or microphones to prevent feedback.
Device not recognized by computer	<ul style="list-style-type: none"> • Faulty USB port or cable. • Operating system issue. 	<ul style="list-style-type: none"> • Try connecting to a different USB port on your computer. • Test with a different USB cable if available (though the integrated cable is primary). • Restart your computer. Ensure your operating system is up to date.

7. SPECIFICATIONS

Feature	Detail
Brand	iTOPVIS
Model Number	NV-A101-UK
Connectivity Technology	USB
Connector Type	USB
Compatible Devices	Personal Computer, Laptop, Television, Speaker, Smartphone
Color	Black
Item Weight	450 Grams
Power Source	Corded Electric
Signal-to-Noise Ratio	120 dB
Hardware Platform	PC
Number of Channels	1
Rechargeable Battery	No
Date First Available	April 15, 2022

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your purchase or visit the official iTOPVIS website. Specific details on spare parts availability and guaranteed software updates are not available in this manual.

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