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Wantek HSM-682NUSB/3.5

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Model: HSM-682NUSB/3.5

1. PRODUCT OVERVIEW

The Wantek USB Headset (Model HSM-682NUSB/3.5) is a versatile audio solution designed for professional and personal use, offering clear communication and comfortable wear. This binaural headset features advanced noise-cancelling technology for the microphone, ensuring crystal-clear voice transmission in various environments. With multiple connectivity options including USB, 3.5mm, and Type-C, it provides broad compatibility with PCs, laptops, and other devices. Its lightweight design and ergonomic features ensure comfort during extended use, making it ideal for work-from-home setups, video calls, conferences, and online education.



Figure 1.1: Wantek USB Headset (HSM-682NUSB/3.5) with USB-A, 3.5mm, and USB-C adapters, and inline control unit.

2. KEY FEATURES

- **Exceptional Audio Quality:** Delivers crisp, clear sound for an enhanced listening experience, helping users stay focused on tasks.
- **High-Quality Noise-Cancelling Microphone:** Ensures crystal-clear voice transmission during calls and virtual meetings by filtering background noise.
- **Durable and Comfortable Design:** Crafted with top-notch materials for durability, all-day comfort, and reliability during long-term use. Features soft ear pads, an adjustable headband, and a 270° rotatable microphone.
- **Intuitive Controls:** Designed for user convenience with easy setup and ergonomic design, featuring inline controls for volume adjustment, speaker mute, and microphone mute.
- **Wide Compatibility:** Offers USB, 3.5mm, and Type-C connectivity options for seamless integration with various devices including PCs, laptops, smartphones, and tablets.



Figure 2.1: Extraordinary HD Sound - Illustrates the internal speaker design for natural vocal performance.



Figure 2.2: Noise Reduction Sound Card of Mic - Demonstrates effective elimination of disruptive background noise.

3. SETUP

The Wantek USB Headset offers plug-and-play functionality, requiring no additional drivers for most operating systems. Follow these steps to set up your headset:

1. Choose Your Connection:

- For devices with a standard USB-A port (e.g., most desktop computers, older laptops), connect the headset's USB-A plug directly.
- For devices with a USB-C port (e.g., newer laptops, some smartphones/tablets), use the included USB-C adapter to connect the headset.
- For devices with a 3.5mm audio jack (e.g., some laptops, smartphones, gaming consoles), connect the headset's 3.5mm plug directly.

2. **Connect the Headset:** Insert the chosen connector firmly into the corresponding port on your device.

3. **System Recognition:** Your operating system should automatically detect the headset and install any necessary generic drivers. This may take a few moments.

4. Select as Default Device:

- **Windows:** Go to Sound Settings (right-click speaker icon in taskbar) and ensure the Wantek Headset is selected as the default playback and recording device.

- **macOS:** Go to System Settings > Sound and select the Wantek Headset for both input and output.

5. **Test Audio:** Play some audio or make a test call to confirm sound output and microphone input are working correctly.



Figure 3.1: Wide Compatibility - Illustrates the headset's versatile connectivity options.

4. OPERATING INSTRUCTIONS

4.1. Wearing the Headset

- Adjust the headband to fit comfortably over your head. The headband is adjustable for various head sizes.
- Position the ear pads over your ears. The soft premium protein leatherette ear pads are designed for comfort during long wear.
- Rotate the microphone boom (270° flexible rotation) to position the microphone approximately 1-2 inches from your mouth for optimal voice pickup.

Figure 4.1: Ergonomic Flexible Design - Highlighting comfort features.

4.2. Using the Inline Control Unit

The inline control unit provides easy access to essential audio functions:

- **Volume Up (+):** Press to increase the listening volume.
- **Volume Down (-):** Press to decrease the listening volume.
- **Speaker Mute:** Press the speaker icon button to mute or unmute the headset's audio output. A red indicator light may appear when muted.
- **Mic Mute:** Press the microphone icon button to mute or unmute the microphone. A red indicator light may appear when muted.



Figure 4.2: Multi-Functional Online Control - Detailed view of the inline controls.

4.3. Usage Scenarios

This headset is optimized for various communication and audio tasks:

- **Video Calls & Conferences:** Ideal for platforms like Zoom, Skype, Microsoft Teams, Webex, and FaceTime, ensuring clear audio and voice.
- **Work from Home & Office:** Provides reliable performance for professional environments, call centers, and remote work setups.
- **Online Classes & Education:** Suitable for students and educators requiring clear communication during virtual learning.



Figure 4.3: Call Center Use - Demonstrating professional application.



Figure 4.4: Remote Meeting Use - Highlighting suitability for virtual conferences.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Wantek USB Headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the headset and ear pads. For stubborn dirt, a slightly damp cloth with mild soap can be used, but ensure no moisture enters the speaker or microphone grilles. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the headset in a clean, dry place away from extreme temperatures, direct sunlight, and excessive dust. Avoid tangling the cables.
- **Cable Care:** Do not pull on the cable to disconnect the headset. Always grasp the plug firmly. Avoid sharp bends or kinks in the cable, as this can damage internal wires.
- **Microphone Protection:** Keep the microphone clean and free from debris. If the foam cover becomes worn, it can often be replaced.

6. TROUBLESHOOTING

If you encounter issues with your Wantek USB Headset, try the following troubleshooting steps:

Problem	Possible Cause	Solution
No sound from headset	Headset not properly connected; Volume too low; Muted; Incorrect audio output device selected.	Ensure the plug is fully inserted. Increase volume using inline controls or computer settings. Check if speaker is muted. Select "Wantek Headset" as default playback device in sound settings.
Microphone not working	Microphone muted; Incorrect audio input device selected; Microphone boom not positioned correctly.	Check if mic is muted on inline control. Select "Wantek Headset" as default recording device in sound settings. Position microphone 1-2 inches from your mouth.
Sound is distorted or unclear	Loose connection; Volume too high; Interference.	Reconnect the headset. Lower the volume. Try connecting to a different USB port or 3.5mm jack.
Headset uncomfortable after long use	Improper adjustment.	Adjust the headband and microphone boom for a more comfortable fit. Take short breaks during extended use.

If the issue persists after trying these steps, please refer to the Warranty and Support section for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Wantek
Model Name	HSM-682NUSB/3.5 (682FUSB)
Connectivity Technology	Wired (USB, 3.5mm, USB-C via adapter)
Noise Control	Sound Isolation (Microphone Noise Cancelling)
Control Type	Volume Control, Mute (Speaker & Mic)
Compatible Devices	Computers, Laptops (PC, Mac), Smartphones, Tablets
Material	Acrylonitrile Butadiene Styrene (ABS)
Ear Placement	On Ear
Form Factor	Over Ear
Item Weight	6.7 ounces (approx. 190g)
Package Dimensions	7.44 x 5.91 x 1.69 inches
Frequency Range	20 Hz - 20,000 Hz
Impedance	32 Ohm
Included Components	Headset

8. WARRANTY AND SUPPORT

Wantek is committed to providing high-quality products and excellent customer service. Your Wantek USB Headset is backed by comprehensive support:

- **Warranty:** The product comes with a 1-year exclusive warranty. Please retain your proof of purchase for warranty claims.
- **Technical Support:** Enjoy lifetime professional technical team support. Our team is available to assist you with any product-related inquiries or issues.
- **Customer Service:** We aim to reply to all inquiries quickly, typically within 24 hours.

For support, please visit the official Wantek website or contact our customer service team through the platform where you purchased the product.