

ANDREA C1-1022600-50 model NC-185 VM USB

Andrea Communications NC-185VM USB Headset User Manual

Model: C1-1022600-50 model NC-185 VM USB

1. INTRODUCTION

Thank you for choosing the Andrea Communications NC-185VM USB Headset. This high-fidelity stereo USB computer headset is designed to provide superior audio performance for all your digital audio applications, including VoIP and speech recognition programs. It features a noise-canceling microphone and convenient in-line volume and mute controls. Please read this manual carefully to ensure proper use and optimal performance of your headset.

2. PRODUCT OVERVIEW

The Andrea Communications NC-185VM USB Headset is engineered for comfort and clarity. Its robust design includes a pro-flex wire microphone boom for precise placement and large, comfortable ear cushions for extended wear.



Figure 2.1: The Andrea Communications NC-185VM USB Headset, showing the headset with microphone and the USB connector.



Figure 2.2: Side view of the headset, highlighting the adjustable microphone boom.



Figure 2.3: Top-down view of the headset, showing the earcups and headband.



Figure 2.4: Front view of the headset, displaying the microphone positioned for use.



Figure 2.5: Side profile of the headset, showing the microphone boom's flexibility.





Figure 2.6: Detailed view of the USB connector for the headset.







Figure 2.7: Close-up of the in-line controls, featuring volume up/down and mute buttons.

3. FEATURES

- **High Fidelity Stereo Audio:** Delivers clear and rich sound for various applications.
- **Noise-Canceling Microphone:** Reduces background noise for improved voice clarity.
- **Pro-Flex Wire Microphone Boom:** Allows for precise and stable microphone positioning.
- **Windsock:** Minimizes breath popping sounds for clearer communication.
- **40mm Speakers:** Provides CD-quality deep bass sound.
- **Comfortable Ear Cushions:** Large ear cushions designed for extended wear comfort.
- **Adjustable Stainless Steel Headband:** Ensures a secure and comfortable fit for various head sizes.
- **Extra Long 8-Foot Shielded Cable:** Provides ample reach and reduces interference.
- **In-line Volume and Mute Controls:** Conveniently adjust audio levels and mute the microphone.
- **Reversible Design:** Can be worn with the microphone on either the left or right side.
- **Foldable:** Folds flat for easy storage and portability.
- **USB Connectivity:** Bypasses the computer's integrated sound system for enhanced performance.

4. PACKAGE CONTENTS

The Andrea Communications NC-185VM USB Headset package includes:

- Andrea Communications NC-185VM USB Headset (1 unit)

5. SETUP

5.1 Connecting the Headset

1. Locate an available USB port on your computer (desktop or laptop).
2. Insert the USB connector of the NC-185VM headset firmly into the USB port.
3. Your operating system should automatically detect and install the necessary drivers. This process may take a few moments.
4. Once installed, the headset will be recognized as an audio input and output device.

5.2 Configuring Audio Settings (Windows)

1. Right-click the speaker icon in the system tray (bottom-right corner of the screen).
2. Select "Sound settings" or "Open Sound settings".
3. Under "Output", select your Andrea Communications USB Headset as the output device.
4. Under "Input", select your Andrea Communications USB Headset as the input (microphone) device.
5. Adjust the volume levels as needed.

5.3 Configuring Audio Settings (macOS)

1. Go to "System Preferences" (or "System Settings" on newer macOS versions).
2. Click on "Sound".

3. In the "Output" tab, select your Andrea Communications USB Headset.
4. In the "Input" tab, select your Andrea Communications USB Headset.
5. Adjust the input and output volume sliders.

6. OPERATING INSTRUCTIONS

6.1 Wearing the Headset

Place the headset over your head so that the ear cushions comfortably cover your ears. The headband is adjustable; slide the earcups up or down to find a comfortable fit. The microphone boom is flexible and can be positioned on either the left or right side of your face. Adjust the microphone so it is approximately 1-2 inches from the corner of your mouth for optimal voice pickup.



Figure 6.1: A user wearing the headset comfortably while engaged in a task, demonstrating proper fit.



Figure 6.2: Multiple users demonstrating the headset's application in a professional environment.



Figure 6.3: A male user wearing the headset, illustrating its versatility for different users.

6.2 Using In-line Controls

The headset features an in-line control unit on the cable for easy access to audio functions:

- **Volume Up (+):** Press to increase the listening volume.
- **Volume Down (-):** Press to decrease the listening volume.
- **Mute Button:** Press to mute or unmute the microphone. A blue LED indicator on the control unit will illuminate when the microphone is muted.

6.3 Software Enhancement (Optional)

For enhanced audio performance, you may download the patented audio enhancement software PureAudio Voice Solutions from the Andrea Communications website. *Note: This software is not recommended for use with voice recognition software like Dragon.*

7. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the headset. Do not use liquid cleaners or aerosols.
 - **Storage:** When not in use, fold the headset flat and store it in a clean, dry place to prevent damage.

- **Cable Care:** Avoid sharp bends or kinks in the cable. Do not pull the cable to disconnect the headset from the USB port; always grasp the USB plug.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headset speakers.	Headset not selected as default output device. Volume too low. USB connection loose.	Check sound settings and select Andrea Communications USB Headset as output. Increase volume using in-line controls or computer settings. Re-insert USB plug firmly. Try a different USB port.
Microphone not picking up sound.	Microphone muted. Headset not selected as default input device. Microphone level too low. Microphone positioned incorrectly.	Press the mute button on the in-line control (blue LED off). Check sound settings and select Andrea Communications USB Headset as input. Increase microphone level in computer sound settings. Adjust microphone boom to be 1-2 inches from your mouth.
Sound quality is poor or distorted.	Volume too high. Interference. Outdated audio drivers.	Reduce volume. Ensure USB connection is secure and away from other electronic devices. Check for and install the latest audio drivers for your computer's USB ports.
Headset not recognized by computer.	Loose USB connection. Faulty USB port. Driver issue.	Re-insert USB plug. Try a different USB port. Restart your computer. Check Device Manager (Windows) or System Information (macOS) for USB device recognition.

9. SPECIFICATIONS

Feature	Detail
Model Name	NC-185VM
Item Model Number	C1-1022600-50 model NC-185 VM USB
Connectivity Technology	Wired (USB)
Headphones Jack	USB
Noise Control	Active Noise Cancellation (Microphone)
Speaker Size	40mm

Feature	Detail
Frequency Range	20 Hz - 20,000 Hz
Impedance	140 Ohm
Cable Length	8 feet (approx. 2.4 meters)
Material	Stainless Steel (headband)
Color	Black
Item Weight	7.4 ounces (approx. 0.21 kg)
Product Dimensions (LxWxH)	2.25 x 7.25 x 6.5 inches (approx. 5.7 x 18.4 x 16.5 cm)
Hardware Platform	PC
Manufacturer	Andrea Electronics Corporation
Date First Available	July 15, 2010

10. WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support for your Andrea Communications NC-185VM USB Headset, please refer to the official Andrea Communications website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Andrea Electronics Corporation

Website: www.andraelectronics.com (Note: This is a general link, please refer to product packaging or official documentation for specific support contacts.)

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This manual is for informational purposes only. Specifications are subject to change without notice.