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CMTECK CM005R Studio USB Microphone User Manual

CMTECK

CMTECK CM005R Studio USB Microphone

- **Thank you** for choosing the CMTECK® Microphone. For best results, please take a few moments to read this manual and familiarize yourself with the proper operation and care of this microphone.
- The microphone from CMTECK® is a compact microphone designed to provide you with outstanding sound for communicating and recording. It sits flat on a surface such as a table or a desk and utilizes the reflections from the surface to capture sound.

Package Contents

Unpack your studio USB Microphone carefully and verify that all of the following items are included:

- Cmteck® USB Microphone
- Cmteck® Microphone Cable
- User Manual

Specifications

- **Type of microphone:** USB microphone
- **Audio Resolution:** Up to 44.lkHz, 16-bit
- **Frequency Response:** 20Hz – 20kHz
- **Sensitivity:** 4. SmV /Pa (kHz)
- **Maximum SPL:** 120dB

System Requirements

- PC: Windows 7 / 8/ 10, Windows Vista, Windows XP, USB 1.1/2.0
- Macintosh: Mac OSX(l0.4.11 or higher), USB 1.1/2.0

Features

- USB connection, no batteries required
- Multipurpose condenser microphone
- Compatible with Windows and Mac
- 360-degree coverage for great sound over a wide range
- Plug and Play, does not require additional software to operate.
- Noise-cancelling Tech: Built-in CMTECK CSS2.0 smart chip, can effectively block the background noise
- Unique Mute Button – Quickly mute/unmute your microphone, and the built-in Indicator LED lights tell you the working status

Using CMTECK® Microphone

Using CMTECK® Microphone can be easy:

- **Conference** – applicable to medium-sized meetings of 6-10 people, Creation – for podcasts, narratives, and voice-over HD audio Communication – through Skype, Windows Live TM and Google Talk clearly

About the working status

The LED indicator refers working status, when you first plug the mic into your device, the LED light will show green.

- Green Light: The mic has been connected to your device successfully.
- Green Strobe Light: The microphone is working and the Green Light will flash constantly.
- Red Light: When you click the Mute Button to unmute your microphone, the LED light will show red.

For Windows (Take Windows 7 for example)

1. Plug the microphone into the USB port of your computer using the provided USB cable.
2. Select the CMTECK Microphone as the default audio input device.
    1. **Method 1:**

       1. Go to the Start Menu and select Control Panel. Double-click the Sound icon.
2. **Method 2:**
       1. Select the SPEAKER and click the right mouse button
3. Select the Recording tab, highlight the microphone icon labeled CMTECK, and click Set Default.
4. To make further adjustments to the recording settings, double-click on the microphone icon labeled CMTECK.

From the drop-down menu, you can change the volume for audio recording. Please note that you should verify that these settings match the settings in your recording application

To get better sound quality

- Set both the on-board control of the mic and the input/output level of the computer at 50%-75%. (When using a Windows computer, if there's a "Microphone Boost", turn it to 0.)
- High volume setting is always the culprit for poor sound quality.

About the Audio Output(for Windows 7)

The microphone has a built-in 3.5mm audio output(works as an external sound card). It can connect 3.5mm audio devices like headphones, headset, speakers, etc.

How to use:

Select the Playback tab, and choose CMTECK as the default device.

For Apple-Macintosh OSX (10.4. 11 or higher)

1. Make certain that any audio applications are closed.
2. Plug the microphone into the USB port of your computer using the provided USB cable.
3. To set the USB microphone as the default audio input for audio, click on the Apple icon in the upper left hand of the screen and select System Preferences as shown in the figure below.
4. Next, click on the Sound icon in the Hardware group as shown in the figure below.
5. After opening the Sound dialog screen, there will be three tabs at the top of the window, select the Input tab by clicking on it.
6. Then select the USB Audio Codec as the device for sound input as shown in
7. By watching the movements of the Input level meter in this window, you can now see that the CMTECK microphone is working as you speak into it. This setting will be saved as the default input whenever the microphone is plugged in.

To get better sound quality

1. Set both the on-board control of the mic and the input/output level of the computer at 50%-75%. (When using a Windows computer, if there's "Microphone Boost", turn it to 0.)

2. High volume setting is always the culprit for poor sound quality.

About the Audio Output (for Mac OS)

The microphone has a built-in 3.5mm audio output(works as an external sound card). It can connect 3.5mm audio devices like headphones, headset, speakers, etc.

How to use:

Select the Playback tab, and choose CMTECK as the default device.

Troubleshooting

Question and Answer

- Q1: No Sound from the Microphone
- A1: Please check the USB connection, gain knob setting, mix knob setting, and headphone level.
- Q2: Why the sound won't playback from the computer?
- A2: Please check you have set up your computer according to the 'Getting Started' section in this manual. Make sure that the 'CMTECK microphone' is set to be the default audio output. If your audio program was open before plugging in the microphone, you may need to close and re-open the program.
- Q3: Bad/Distorted Sound from Microphone
- A3: Please check the gain is not too high, based on the volume of the sound source you are recording.
- Q4: Recorded sound isn't the correct pitch when played back
- A4: Please check to make sure your sample rates and bit-depths agree with your project settings and audio properties. This may require contacting the software manufacturer.
- Q5: Is there a link for the drivers?
- A5: No, if you use it on Windows or Mac, there's no need to install drivers. Just plug and play.
- Q6: I can't get it to work on some APPs (such as for wine camera app recording video) what do I need to do?
- A6: Please plug the microphone into your computer first and then run the app. Also, you should select this microphone as a default input device in the Sound Settings of your computer.
- Q7: The mic is not recognized by my pc and Mac, any suggestions?
- A7:
    - Restart the computer and try another USB port.
    - Check if the "USB PnP Audio Device" appears in the sound settings of the computer, then the mic can work. If not, please email us. We will provide other solutions to help.
- Q8: Do I need to hook up external speakers to be able to hear other callers' questions/comments? Or can I hear them through this device?
- A8: You will need external speakers. This is a mic only.
- Q9: Will this mic record 360°around?
- A9: Yes, As an omnidirectional microphone, it can pick up the sound at 360 degrees.

- Q10: Is this mic suitable for only one person speaking?
- A10: Sure, it's suitable for audio/video conference, skype, chatting, live stream …
- Q11: Can this connect to a smartphone as an external mic?
- A11: No, it is not able to connect to a smartphone. It is just a USB microphone.
- Q12: Does this work with Skype?
- A12: Yes, it does work with Skype very well.

Warranty

- CMTECK microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any units directly to us without prior authorization from our service department.
- Warranty coverage is limited to repair or replacement (at our option} of the microphone and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.

Care

- Dust and foreign material can reduce the performance of a microphone over time, so you should store the Revelation Stereo in its case when not in use.

Contact Us

- Still, have questions or concerns? Please contact us so we can further discuss your needs and the solutions we offer.
- **Email: service@cmteck.com**

MICROPHONE USER MANUAL

Frequently Asked Questions

Can the CMTECK CM005R Studio USB Microphone be used for podcasting and voiceovers?

Yes, the CMTECK CM005R Studio USB Microphone is suitable for podcasting, voiceovers, and other audio recording applications. It provides clear sound quality and is compatible with various recording software.

Yes, the CMTECK CM005R Studio USB Microphone is suitable for podcasting, voiceovers, and other audio recording applications. It provides clear sound quality and is compatible with various recording software.

The CMTECK CM005R microphone features a unique mute button that allows you to quickly mute and unmute the microphone. Simply press the mute button to toggle between mute and unmute states. The built-in indicator LED lights will indicate the microphone's working status (green for active, red for mute).

What is the pickup range of the CMTECK CM005R microphone?

The CMTECK CM005R microphone has a unidirectional polar pattern, which means it primarily picks up sound from one direction. It effectively captures sound in front of the microphone while minimizing background noise.

Is the CMTECK CM005R microphone compatible with Windows and Mac computers?

Yes, the CMTECK CM005R microphone is compatible with both Windows and Mac computers. It can be used with Windows 7, 8, 10, Windows Vista, Windows XP, as well as Mac OS X 10.4.11 or higher.

Can the CMTECK CM005R microphone be used with third-party recording software?

Yes, the CMTECK CM005R microphone is compatible with most recording software applications, including Audacity, GarageBand, Adobe Audition, and more. Simply select the microphone as the recording input device within your chosen software.

Can the CMTECK CM005R microphone be used with a smartphone?

No, the CMTECK CM005R microphone is designed specifically for use with computers and does not support smartphone connectivity. It connects via USB and is not compatible with smartphones.

What is the warranty period for the CMTECK CM005R microphone?

The CMTECK CM005R microphone is covered by a one-year warranty against defects in materials and workmanship. If you encounter any issues with the microphone, contact the company from which you purchased it for assistance.

Can I use the CMTECK CM005R Studio USB Microphone for gaming purposes?

Yes, the CMTECK CM005R microphone can be used for gaming, providing clear audio input for voice chat and communication during gaming sessions.

Does the CMTECK CM005R microphone require any additional drivers or software to operate?

No, the CMTECK CM005R microphone is plug-and-play, meaning it does not require any additional drivers or software for operation. Simply plug it into a compatible computer's USB port, and it will be ready to use.

What is the purpose of the 3.5mm audio output on the CMTECK CM005R microphone?

The built-in 3.5mm audio output on the CMTECK CM005R microphone allows for direct monitoring of the microphone's input using headphones or speakers. It acts as an external sound card, providing real-time audio feedback without latency delays.

Is the CMTECK CM005R microphone suitable for recording music or musical instruments?

While the CMTECK CM005R microphone is primarily designed for speech applications such as podcasting, voiceovers, and conference calls, it can also be used for recording music and musical instruments. Its clear sound quality and unidirectional polar pattern make it versatile for various recording purposes.

Is the CMTECK CM005R microphone compatible with popular video conferencing platforms like Zoom and Skype?

Yes, the CMTECK CM005R microphone is compatible with popular video conferencing platforms such as Zoom, Skype, Microsoft Teams, and Google Meet. It provides clear audio input for online meetings, webinars, and virtual calls.

Download The PDF link:

References

- **User Manual**