



DAYTON AUDIO IMM-6C Calibrated USB-C Measurement Microphone Instructions

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DAYTON AUDIO IMM-6C Calibrated USB-C Measurement Microphone



Product Information

The IMM-6C Calibrated USB-C Measurement Microphone is a versatile microphone designed for measurement and recording applications. It can be connected to phone devices via a USB-C connection, allowing for easy

integration with various devices. The microphone is equipped with a flat frequency response and high-quality components to ensure accurate and reliable audio analysis. It comes with a carrying case that has a foam insert for convenient storage and transportation. Additionally, the microphone is compatible with measurement apps, making it a comprehensive tool for audio analysis.

Technical Specifications:

- Type: Condenser (Calibrated)
- Connector: USB-C
- Weight: Ultra-light 8.6 grams

Product Usage Instructions

Setup:

To achieve the most accurate results, it is recommended to calibrate the iMM-6C microphone. Follow the steps below:

1. Visit DaytonAudio.com and go to the iMM-6C product page.
2. Enter the serial number of your iMM-6C.
3. Click on the "Download" button to obtain your calibration file in text format.

Support:

If you encounter any problems or have unanswered questions, please visit the Support page on the Dayton Audio website. There you will find contact information for support assistance.

Warranty:

The iMM-6C Calibrated USB-C Measurement Microphone comes with a 5-year limited warranty. For more details about the warranty, visit daytonaudio.com.

Contact Information:

- Website: daytonaudio.com
- Phone: +1 937-743-8248
- Email: info@daytonaudio.com
- Address: 705 Pleasant Valley Dr. Springboro, OH 45066 USA

Features

- Precision condenser microphone for critical measurement and recording applications
- For use with iOS, Android, and Windows Phone devices via USB-C connection
- Headphone/Line Out via built-in DAC for test signals or listening
- Microphone input via built-in ADC
- 'Kickstand' feature elevates and angles device and microphone capsule
- True omnidirectional pattern with calibrated flat frequency response

- Rugged construction with high-quality components
- Extremely compact; includes sturdy carrying case with foam insert
- Compatible with industry-standard measurement apps

Technical Specifications

- **Capsule type:** Precision 6 mm electret condenser
- **ADC/DAC:** CM6542 IC
- **Polar Response:** True Omnidirectional
- **Frequency Response:** 18 Hz–20 kHz (Calibrated) Max. SPL for 1% THD @ 1000Hz: 120dB
- **S/N Ratio:** 70 dB A weighted (varies depending on host device)
- **Connector:** USB-C
- **Weight:** Ultra-light 8.6 grams

Setup

To set up the iMM-6C for use, plug it into the USB-C of a supported device. If desired, rotate the iMM-6C so that it props the entire device up and elevates the microphone capsule off the work surface – this is the “Kickstand” feature. Verify that the iMM-6C is functioning by attempting to record sound using the host device.

Calibration

To deliver the most accurate results, a calibration file should be loaded into the software program being used for audio analysis. This calibration file is generated based on the serial number of our iMM-6C. To obtain your calibration file in text format (compatible with most audio analysis apps), visit DaytonAudio.com and navigate to the iMM-6C product page. Enter the serial number of your iMM-6C, then click on “Download.”

Support

If you encounter problems or have unanswered questions, please visit the Support page on the Dayton Audio web site for support contact information.

5-Year Limited Warranty

See daytonaudio.com for details

daytonaudio.com


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Documents / Resources

	<p>DAYTON AUDIO iMM-6C Calibrated USB-C Measurement Microphone [pdf] Instructions iMM-6C, iMM-6C Calibrated USB-C Measurement Microphone, Calibrated USB-C Measurement Microphone, USB-C Measurement Microphone, Measurement Microphone, Microphone</p>
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References

-  [Dayton Audio](#)