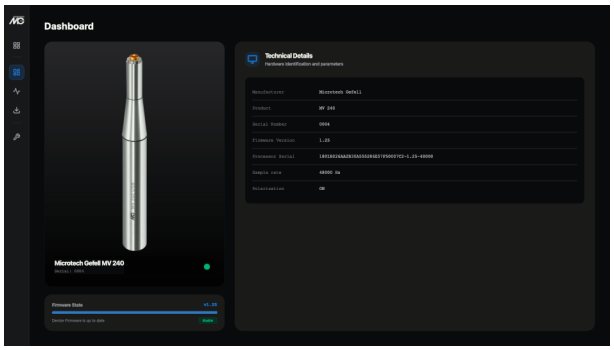
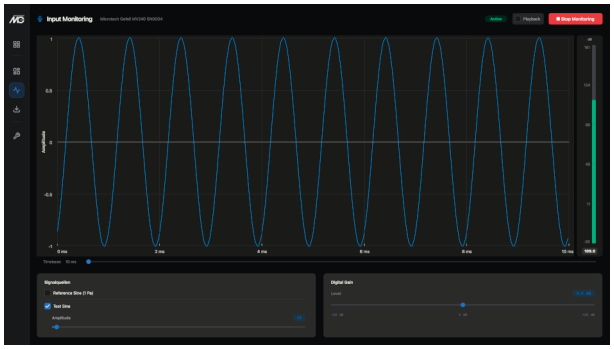
MICROTECH GEFELL





MicrophoneCenter

Management software

for digital USB microphones

- for Windows, macOS, Linux
- graphical user interface
- intuitive workflow
- control of microphone settings
- checking microphone signals

MicrophoneCenter is the management software for Microtech Gefell microphones with a digital USB interface. Its simple graphical user interface enables an intuitive workflow for configuring, monitoring, and testing one or more USB microphones connected to a computer. The software directly analyzes the digital output signal from the microphones as it arrives at the USB interface, allowing it to verify that the signal is being transmitted correctly before it is fed into measurement or recording software.

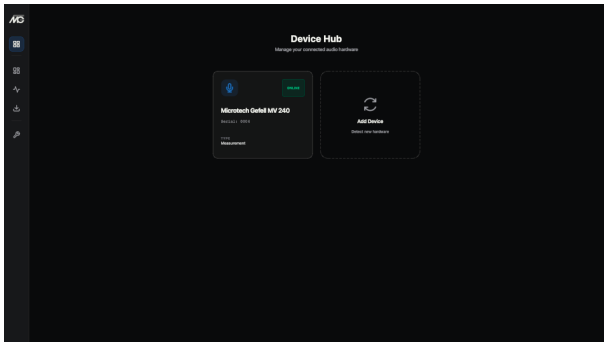
In MicrophoneCenter, USB microphones connected to the computer are automatically detected and displayed in a list with unique labels. Selecting a microphone opens a dashboard that clearly displays all microphone settings. This includes identification parameters such as manufacturer, model, and serial number; hardware and firmware parameters such as processor number and firmware version; and technical parameters such as sampling frequency and polarization voltage.

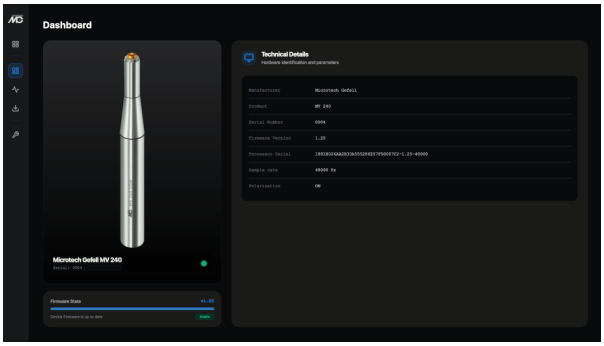
The input monitoring feature built into MicrophoneCenter displays the microphones' output signal, as well as its RMS and peak values. The microphones' internal digital signal generators or a sound calibrator can be used as the signal source. This allows for both an electrical and an acoustic check of the microphone chain. The microphones' internal signal generators produce a sound-pressure-equivalent sinusoidal signal with a frequency of 1 kHz and a fixed root-mean-square value of 1 Pa or an adjustable signal amplitude, which also allows for testing distortion-free transmission at full modulation.

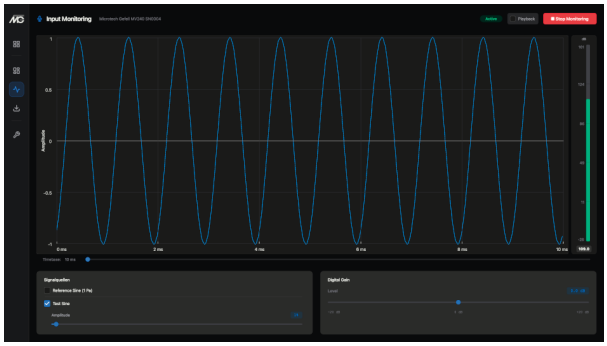
Update functions for the software itself and the microphone firmware, as well as features for configuring microphone parameters, keep the systems up to date, ensure easy future expandability, and enable adaptation to specific applications.

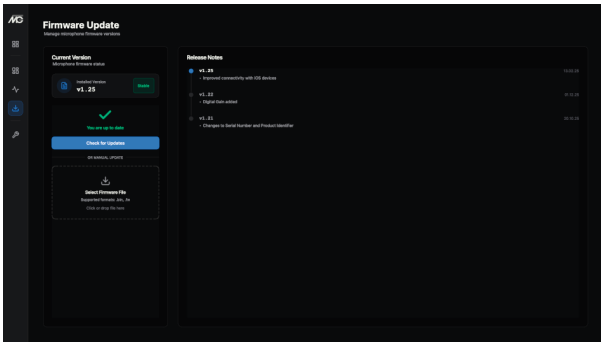
MicrophoneCenter

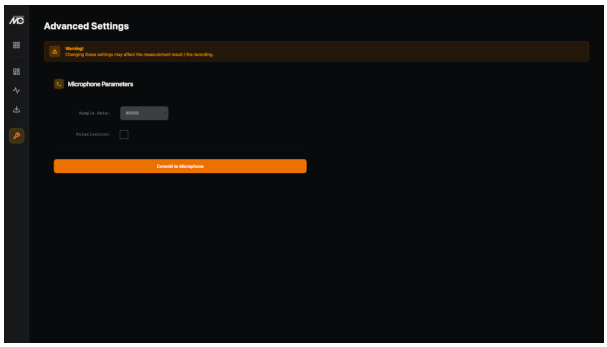
Supported microphones / preamplifiers	MV 240 USB	Firmware version 1.22 or later
Supported operating systems	Windows	Windows 10 (64-Bit) or later
	MacOS	MacOS 15 (Sequoia) or later
	Linux	64-Bit Distribution (Ubuntu 20.04 or later)
Hardware requirements / -recommendations	Processor	64-Bit (x86-64 / Apple Silicon)
	RAM	Minimum 2 GB, 4 GB recommended
	Hard drive storage space	min. 200 MB
	Monitor resolution	Minimum 800 x 600 pixels 1920 x 1080 Pixels recommended











D.EN 600223.01 (26.03.2026) © Microtech Gefell GmbH

Microtech Gefell GmbH · Georg-Neumann-Platz · 07926 Gefell · Germany
Phone +49 (0)36649 882-0 · Fax +49 (0)36649 882-11 · www.microtechgefell.de · info@microtechgefell.de