



DEVINE

PRO-USB1

Professional USB studio recording microphone



User manual

Any information and illustrations shown in this user manual are subject to change without further notice.

User manual version: 1.0 Creation date + author initials: 27-03-2014 RV Revision date + author initials: 27-03-2014 RV

Introduction

Thank you for purchasing this Devine PRO-USB1 broadcasting and recording microphone. Before you unpack all the received items, carefully read this manual to become familiar with the functions of the microphone. Also check the contents of the box to make sure all necessary parts are included. If the microphone fails to operate properly, or if you have any problems while using it, disconnect it and contact your local dealer for more information and help.



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Box contents

Box contents:

- 1x Devine PRO-USB1 microphone
- 1x shock mount
- 1x USB A – USB B cable
- 1x storage/transport case

Unit and accessory inspection

- If the unit is not going to be used for a longer period of time, disconnect it and store it in a dust-free environment.
- Always check the unit for possible damage before use. If you suspect that something is wrong with the unit, do not connect it! When you suspect that your unit is broken or damaged, contact your local dealer or a certified technician to inspect the unit.

Note: Illustrations shown in this manual may vary from the actual product.



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Use of the microphone

The Devine Pro USB-1 studio microphone is suitable for most recording applications in your studio and has a built-in high quality A/D converter. This way, the microphone can be connected to a computer or laptop without having to use additional hardware.

A/D conversion and USB connection:

The Devine Pro USB-1 is equipped with an internal A/D converter, which transfers the analogue microphone signal to a digital signal which can be interpreted by a computer. Through USB it is possible to connect the microphone directly with your computer, the length of the included cable is approximately 3 meters.

First time connection:

The Devine Pro USB-1 is plug-and-play compatible, which means that it will install the proper drivers automatically after you connect the microphone through USB. When connecting the microphone, you should receive a system message that a new USB-device is found and that the system will search automatically for the correct drivers. After these are installed, a message should pop up which confirms that the installation was successful and that your microphone is ready to use.

The Pro USB-1 can be used with almost every recording software available. For starters, Devine recommends the free available open-source software Audacity. This software works with Windows, Mac and GNU/Linux. For more information, visit the download page: <http://audacity.sourceforge.net/?lang=nl>

Protect your microphone:

This Devine microphone is equipped with very sensitive electronics to provide optimal audio performance. Make sure the microphone is not exposed to severe shocks, collision, drops from high altitude or any situations that may cause permanent damage. Improper use of the microphone is not covered by warranty. Always transport the microphone in the original package, or in a flightcase with proper foam inlay. The microphone is not intended for on-the-road use.

Positioning your microphone

The Devine USB PRO-1 comes with an included shock mount, which reduces background and handling noise. This shockmount is also the perfect accessory to mount the Pro USB-1 on a microphone stand. Make sure to tighten the knobs on your stand properly and place the microphone as close to the audio source as possible.

Placement on a microphone stand or boom arm

The shockmount of the BM-500 microphone is equipped with a 5/8" thread, suitable for most microphone stands. If your microphone stand has 3/8" thread, adapters can be purchased separately. For easy positioning, mount the shockmount with the thread mount before mounting the microphone.

Troubleshooting

Problem	Possible Cause	Solution
No sound, or very low sound signal	Volume set too low in settings	Increase incoming volume and gain on your mixer, interface or other sound processing device
	Microphone positioned too far away	Place the microphone closer to the sound source
Rattling and cracking sounds	Moist inside the microphone	Let the microphone dry on room temperature and avoid use of the microphone in humid or moist environments. Do not let the microphone come in contact with water or liquids.
Loud high frequencies coming from the speakers	Microphone positioned too close to the speakers, which causes feedback	Move the microphone further away from the speakers, or change the position to prevent the microphone to be aimed directly at the speakers.
Interruption of the microphone signal	Loose cable or broken cable	Check if the cable is plugged into the microphone correctly. If that does not solve the problem, try to change the cable.
Distortion and/or noise in the captured sound	Too much airflow caused by vocal airflows	Use a pop filter (sold separately)
	Too much airflow caused by wind (outdoor use)	Use the windscreen (included)

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Technical specifications

- USB studio microphone
- A/D conversion: 16-bit, 48 kHz
- USB plug and play
- suitable for vocal and instrument recording
- works with every recording software or DAW (e.g. Audacity)

- polar pattern: cardioid
- electret condenser microphone
- frequency response: 20 Hz – 18 kHz
- diaphragm thickness: 2 micron
- connector: USB B (cable included)

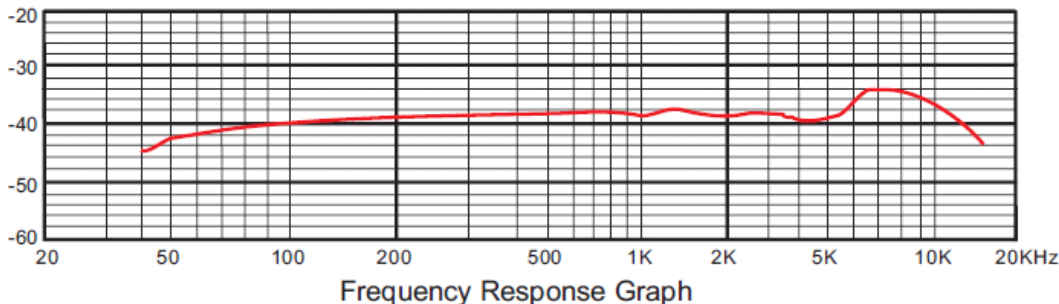
- included shock mount
- shock mount reduces unwanted noise
- padded microphone holder, prevents scratches
- angle adjustable
- 5/8" thread

- USB cable included
- cable length: 3 meters

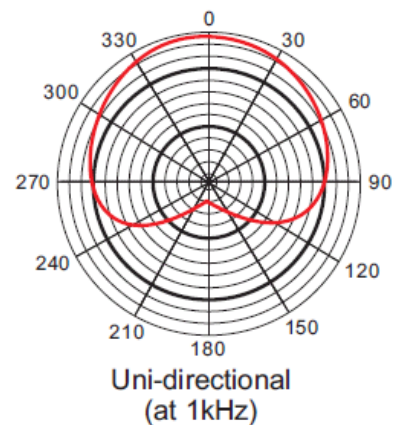


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Frequency response graph:



Frequency Response Graph



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