



vocaster Hub Two USB-C Audio Interface User Guide

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vocaster

vocaster Hub Two USB-C Audio Interface



INTRODUCTION

This is the User Guide for Vocaster Hub, the software application you use to control your Vocaster interface. This user guide describes the Vocaster Hub software but for more information about your Vocaster interface you'll need to read both this user guide and the user guide for your Vocaster hardware. You can download the Vocaster One

and Vocaster Two User Guides from: focusrite.com/downloads

System Requirements

IMPORTANT

Please visit the following link for up-to-date information on computer and operating system compatibility for Vocaster Hub: support.focusrite.com

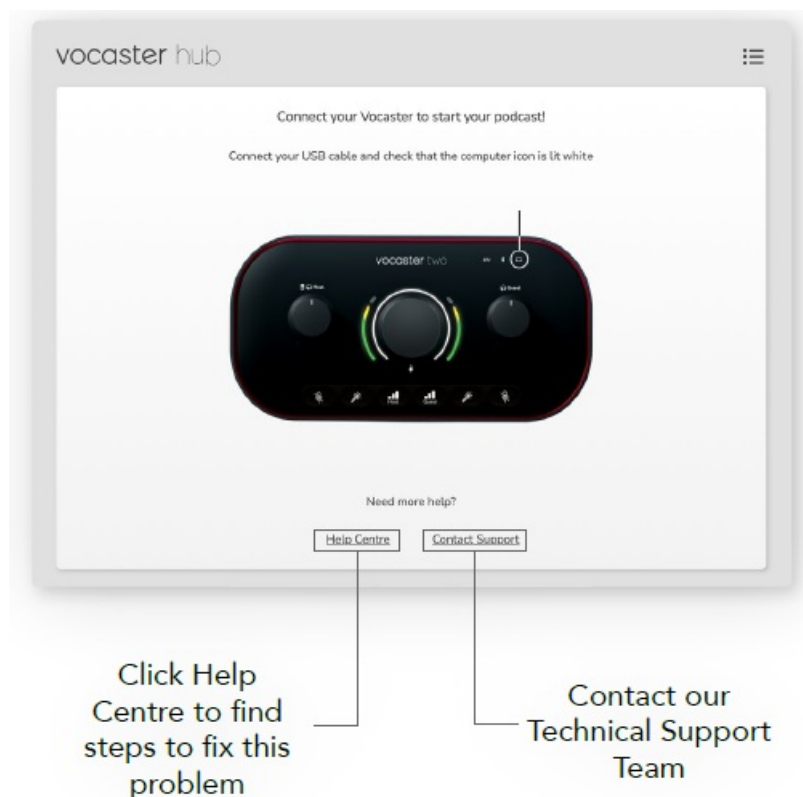
Installing Vocaster Hub

You can install Vocaster Hub on Windows and Mac. To download and install Vocaster Hub:

1. Go to the Focusrite downloads website: focusrite.com/downloads
2. Find your Vocaster on the Downloads website.
3. Download Vocaster Hub for your operating system (Windows or Mac).
4. Open the Downloads folder on your computer and double-click the Vocaster Hub installer.
5. Follow the on-screen instructions to install Vocaster Hub. If installing Vocaster Hub for Windows, your computer will restart.
6. If it's not already, connect your Vocaster interface to your computer with the USB cable.
7. Open Vocaster Hub and it will detect your Vocaster One or Vocaster Two automatically.

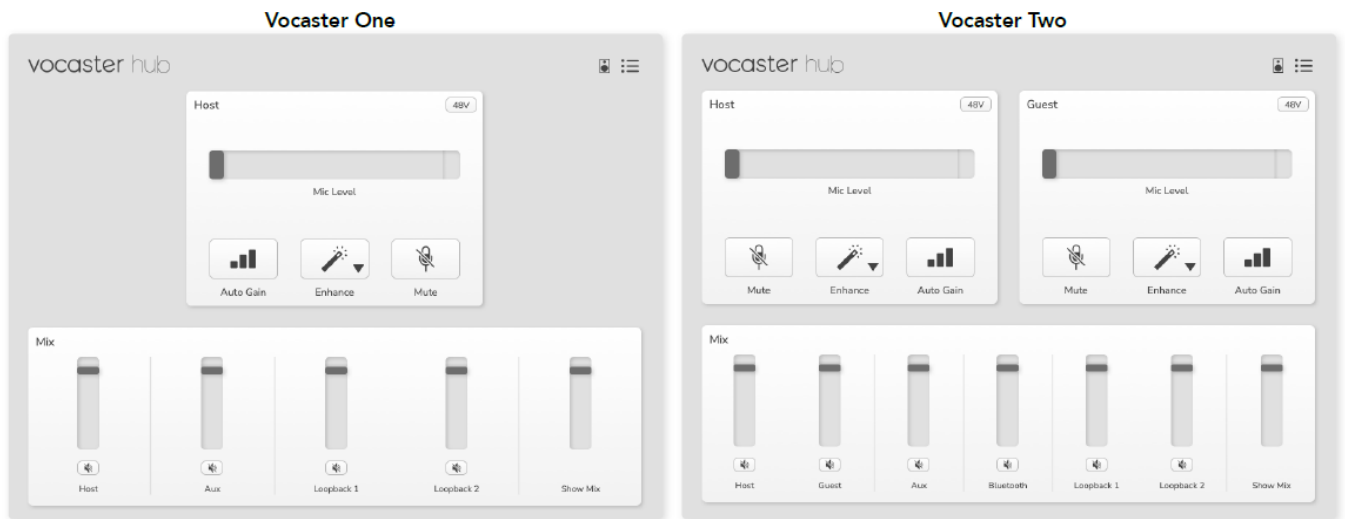
I can't see my Vocaster in the software?

If your Vocaster is not recognised in Vocaster Hub, use the links in the software to visit our Help Centre, or contact our Support Team.



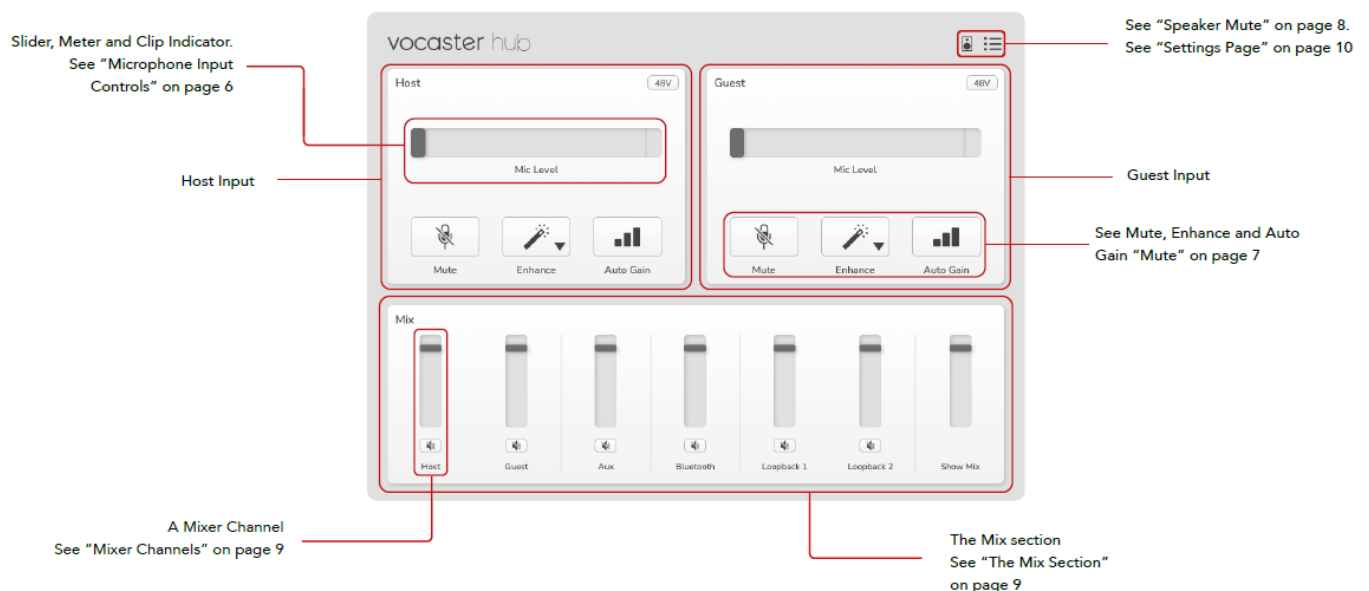
Vocaster Hub Layout

Vocaster Hub's layout varies depending on which Vocaster interface you connect to your computer. While the layout is different, how each section of Vocaster Hub works is the same. The following diagrams show the layouts for Vocaster One and Vocaster Two.



For the rest of this user guide we'll use screenshots with a Vocaster Two connected and tell you when the features are Vocaster Two only.

Key Features



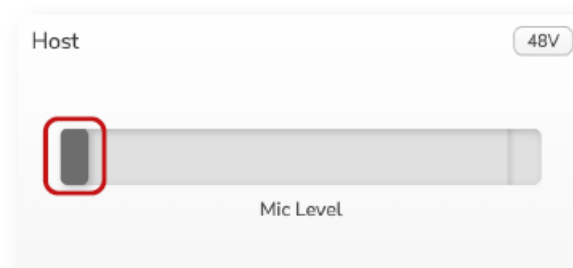
MICROPHONE INPUT CONTROLS

Mic Level Slider and Meter

The Mic Level section of Vocaster Hub mirrors the preamp controls you have on the front of the Vocaster hardware. At a glance you can see where the Mic Level slider (or gain) is set and how loud the signal is in the meter.

Slider

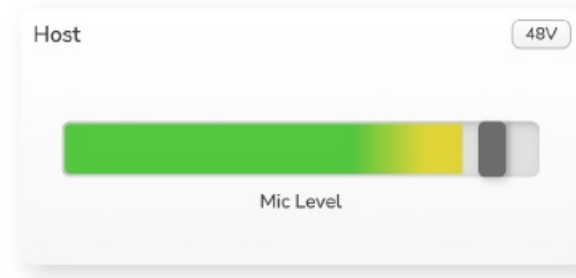
The Slider in the Mic Level control is a software representation of the knob on the Vocaster top panel.



You can click and drag the slider in the software to increase the gain (right) or reduce the gain (left). When you move the knob the slider will move to reflect this.

Meter

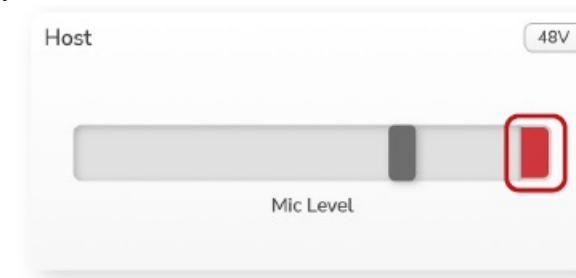
The meter is the section of the Mic Level control that lights up when you speak into your microphone.



We recommend using Auto Gain to set your Mic Level but if your microphone is distorting or too loud, you can use the meter to set a better level. The meter lights green and turns yellow as the signal gets louder. To set the gain, speak into the microphone as if you were recording and move the slider or knob so the meter starts to turn yellow when you speak at your loudest.

Clip Indicator

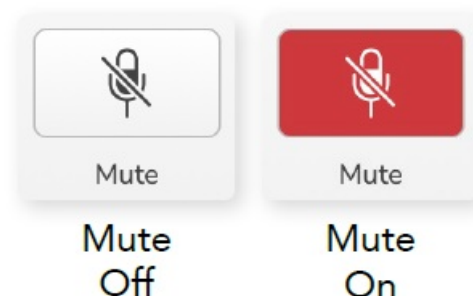
The Clip Indicator is the red part at the far right of the meter that appears when your signal has clipped. Avoid clipping as your microphone may distort when it reaches this level.



If you see the clip meter appear, turn down the knob or move the Slider to the left to reduce the gain. To 'clear' the Clip Indicator, click the red Clip Indicator itself. This removes the light for all inputs and Mix channels.

Mute

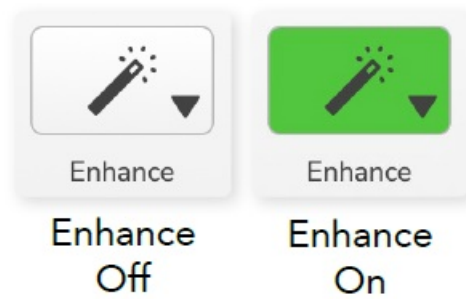
The Mute button in Vocaster Hub does the same job as the Mute button on the Vocaster: press it to turn your microphone 'off':



When Mute is on, the hardware buttons: Auto Gain and Mute light red and the Gain halo on your Vocaster pulses red.

Enhance

The Enhance button applies three effects to optimise your signal for voice recording. The three effects are applied in this order:



- High-Pass Filter (HPF)
- Compressor
- Three-Band EQ (Equaliser)

Descriptions of exactly what each effect does is beyond the scope of this user guide. If you're interested in learning more, we recommend searching the name of each effect online.

Enhance Presets

Enhance has presets that apply different parameters to your voice depending on how you want your voice to sound. The parameters for each Preset effect are at the end of this user guide, see "Enhance Presets' Parameters" on page 11.

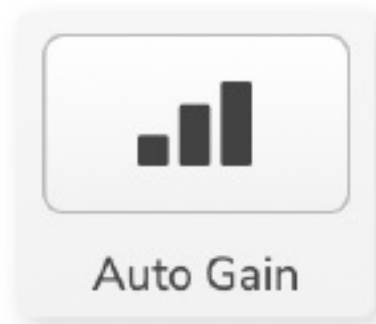


The presets available are:

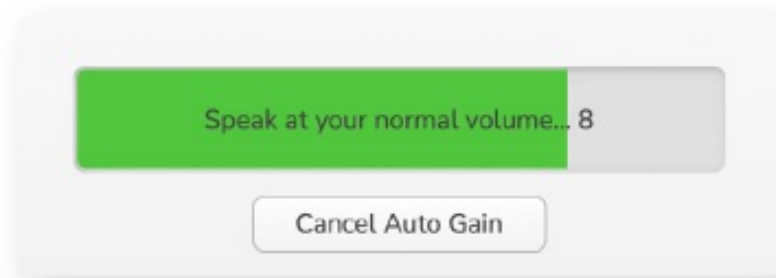
- Clean
- Warm
- Bright
- Radio

Auto Gain

Auto Gain is a software version of the button on Vocaster. Click this button to start the Auto Gain process.



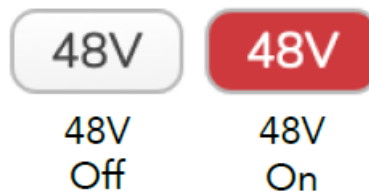
Speak normally for ten seconds while the timer counts down.



Auto Gain will measure the level of your voice and set the gain so the loudest parts of your voice are around -6 to -16dB in your recording software.

48V

Condenser microphones need 48V, or phantom power, to work.

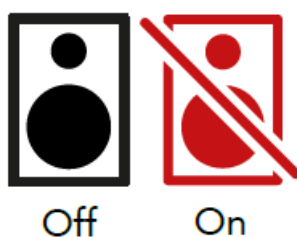


Most podcasting microphones don't need this but if your microphone does, you can turn on 48V using the button in Vocaster Hub. This is the same as pressing the 48V button on the Vocaster's rear panel.

Other Buttons

Speaker Mute

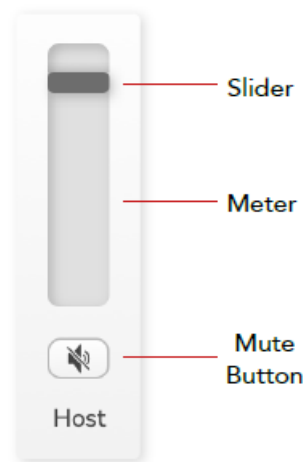
This button allows you to mute the speaker outputs of your Vocaster. Click the speaker icon to toggle between mute on (red) or off (black)



NOTE: You can create an audio feedback loop if your speakers are active at the same time as a microphone! Turn off your speakers while recording podcasts, and use headphones for monitoring.

The Mix Section

The Mix Section at the bottom of Vocaster Hub has all the input channels to your 'Show Mix' listed with a Slider, Meter, and Mute button.



Sliders and Mutes

The Sliders and Mute buttons adjust the level going to your Show Mix (headphone/speaker mix) and Video Call L & R channels. These sliders do not affect your recording levels if you're recording each channel individually in your recording software. [focusrite.com](https://www.focusrite.com)

Mixer Channels

Host

Adjusts the level sent from the Host microphone input to the Show Mix.

Guest (Vocaster Two only)

Adjusts the level sent from the Guest microphone input to the Show Mix.

Aux

Adjusts the level sent from the Phone/Device input to the Show Mix.

Bluetooth (Vocaster Two only)

Adjusts the level sent from a Bluetooth Device connected to your Vocaster Two to the Show Mix. Your Bluetooth device's volume buttons will also control the Slider's level.

Loopback 1

Adjusts the level sent from Loopback 1 to the Show Mix. Loopback 1 signal will come from applications sending their audio to Software Playback 1 and 2.

Loopback 2

Adjusts the level sent from Loopback 2 to the Show Mix. Loopback 2 signal will come from applications sending their audio to Software Playback 3 and 4.

Show Mix

This is the main mix of all the Vocaster's inputs. You can record the Vocaster Hub mix by selecting the 'Show Mix' inputs in your recording software. The slider adjusts the overall level to your recording software.

IMPORTANT: If clip indicators light in the Mix section, reduce the source level, not the slider. For Show Mix that will be the other sliders.

Settings Page

Click this icon to open Vocaster Hub's Settings page:

In the settings page you will see the following information:

Version

This shows the version of Vocaster Hub you are using.

Vocaster Status

This shows what device Vocaster Hub recognises, the Sample Rate (always 48kHz) and the Firmware version of your Vocaster.

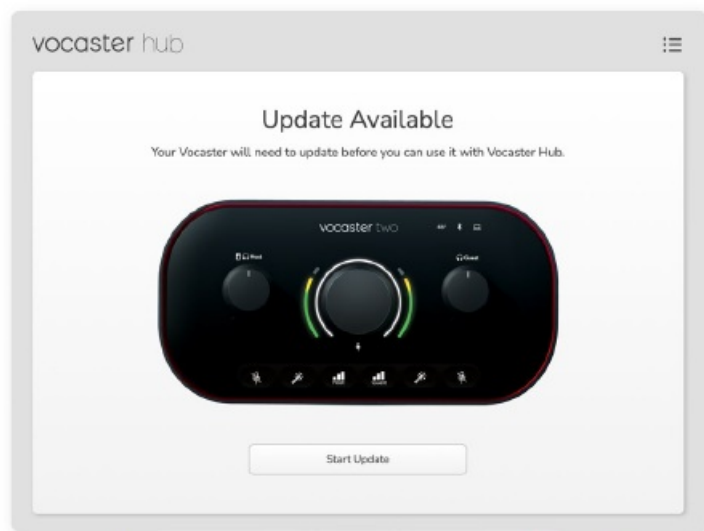
Analytics

Use this tick box to opt in to usage analytics to help us make Vocaster Hub better. Please see our Privacy Policy for more information. focusrite.com

Updating

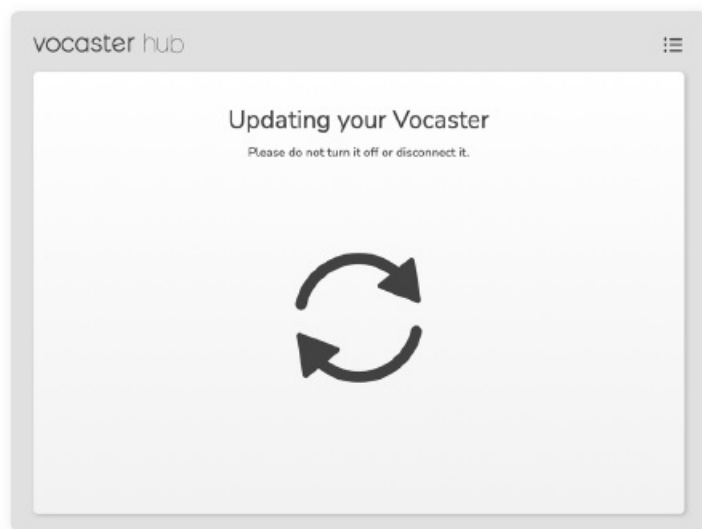
Updating the Vocaster Hub Software Vocaster Hub updates automatically. If a new version is available a dialogue box appears when you open Vocaster Hub.

You can choose to install the update, skip the update or 'Remind Me Later'. Updating your Vocaster's Firmware Vocaster Hub tells you when a firmware update is available for your device. This message appears:



Update message: Your Vocaster will need to update before you can use it with Vocaster hub.

Your Vocaster may need an update out of the box and occasionally after as we improve the device. Click 'Start Update' and Vocaster Hub will display this updating screen:



Updating your Vocaster.

After the update Vocaster Hub returns to the main Vocaster window and you can continue to use your Vocaster.

Enhance Presets' Parameters

This table shows the parameters we've used to make the presets for the Vocaster's Enhance feature.

	EQ HPF	EQ Band 1			EQ Band 2			EQ Band 3			Compressor				
Preset Name	Frequency	Frequency	Q	Gain	Frequency	Q	Gain	Frequency	Q	Gain	Threshold	Ratio	Attack (ms)	Release (ms)	Gain
Clean	80Hz	135Hz	0.6	-2dB	2000Hz	0.6	+2dB	7000Hz	1.2	+2dB	-22dB	4:1	10	30	+5dB
Warm	80Hz	135Hz	0.8	-1dB	450Hz	0.7	+2.5dB	2500Hz	0.5	-1dB	-22dB	4:1	10	30	+5dB
Bright	80Hz	500Hz	0.6	-2dB	2000Hz	0.6	+3dB	11000Hz	1.0	+3dB	-22dB	4:1	10	30	+5dB
Radio	80Hz	100Hz	1	+2.5dB	1000Hz	1.5	-1.5dB	6000Hz	1.15	+1.5dB	-22dB	4:1	10	30	+5dB


Troubleshooting

For all troubleshooting queries, please visit the Focusrite Help Centre at support.focusrite.com

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Documents / Resources

	vocaster Hub Two USB-C Audio Interface [pdf] User Guide Hub Two USB-C Audio Interface, Hub, Two USB-C Audio Interface, USB-C Audio Interface, Audio Interface, Interface
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References

- [F Homepage | Focusrite](#)
- [F Focusrite | Focusrite Downloads](#)