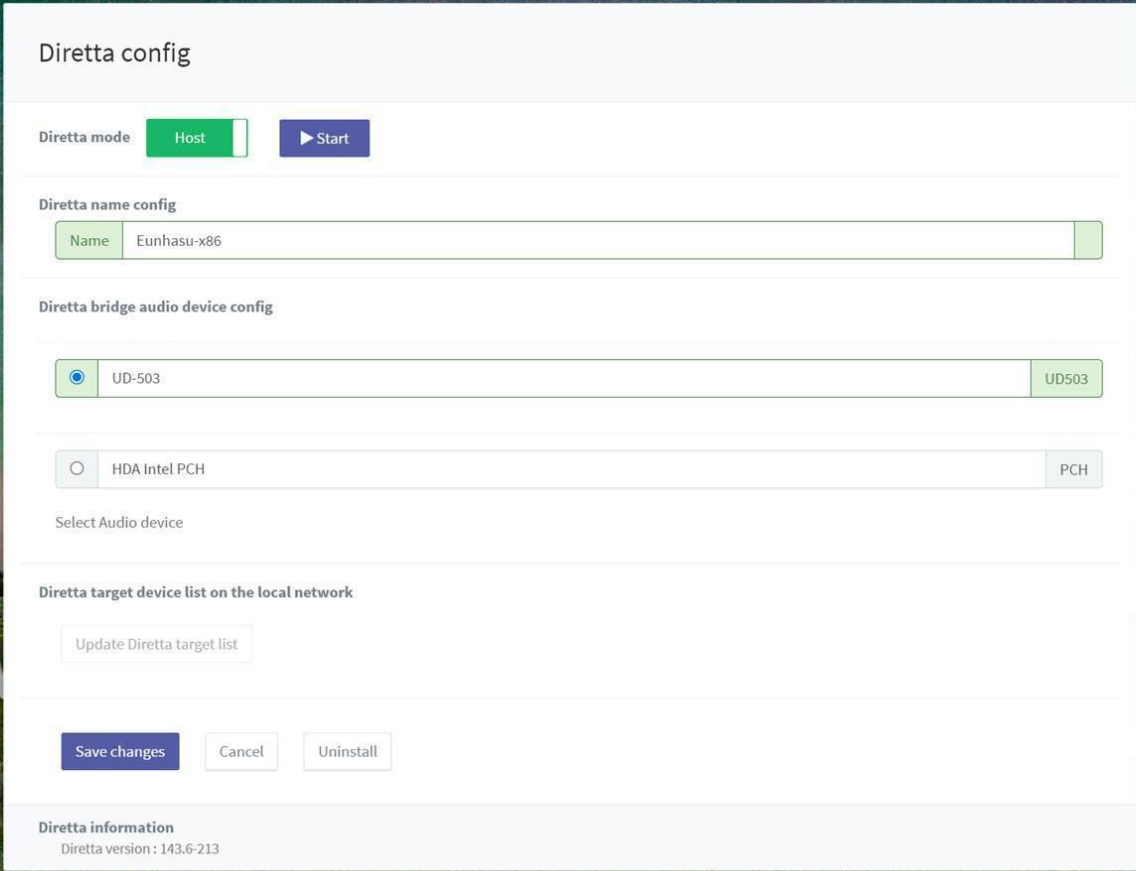


Diretta is a network audio protocol developed specifically for high-end audio devices.

The Diretta **host** device displays the audio device of the Diretta **target** device as a virtual audio device. By selecting and playing music on the host device, the music being played on the Diretta host device is output through the Diretta target device. While many music playback apps can already stream music over the network, other players operate using their own communication protocols. In contrast, Diretta allows all music player apps to stream music because the host device is set as a virtual audio device.

From the Eunhasu OS V0.5.8, the Diretta configure page in the Eunhau Web GUI is displayed as shown below. On this page, you can install Diretta and set up devices as the Diretta host device or target device.

The image shows a web browser window displaying the 'Diretta config' page. The page has a light gray header with the title 'Diretta config'. Below the header, there are several sections. The first section, 'Diretta mode', has a green 'Host' button and a blue 'Start' button. The second section, 'Diretta name config', has a text input field labeled 'Name' with the value 'Eunhasu-x86'. The third section, 'Diretta bridge audio device config', has two radio button options: 'UD-503' (selected) and 'HDA Intel PCH'. Below these, there is a 'Select Audio device' label. The fourth section, 'Diretta target device list on the local network', has a button labeled 'Update Diretta target list'. At the bottom of the form, there are three buttons: 'Save changes' (blue), 'Cancel' (gray), and 'Uninstall' (gray). A footer section titled 'Diretta information' shows 'Diretta version : 143.6-213'. The background of the web page is a scenic landscape with a lake and mountains.

By setting one device as the Diretta target device and another as the Diretta host device, and then running Diretta, you will see the configured audio device appear on the target device once the Diretta target list is updated. After that, you can select the connected Diretta target audio device through the Diretta host functionality in music player apps like Roon, MPD, and LMS. After saving the settings, music will play through the connected Diretta target device.

To use a Windows PC as the Diretta host device, you need to first download and install the [Diretta AUDIO driver](#) from the SOTM website, then install a music player that supports ASIO audio output, such as Foobar2000. After installation, run SOTM ASIO configure on the PC, click the 'Find' button, select the Diretta target device from the Connect Target list, and save the settings. Then, in the music player, set the output to SOTM Diretta ASIO. After this setup, music will play through the Diretta target

device.

Diretta ASIO configure

Interface Ethernet

AUTO

cancel

Find IP

find

Connect Target

Eunhasu-x86(UD-503)

update

Preset Profile

TargetProfile

default

PCM Request

32bit

DSD Type

MSB

debug

ASIO Buffer

16-16384

FS X Depth

6

save

Diretta Cycle

200-10000

usec

Cycle=5000-100Hz
Fix Host

Target Latency

Prefer

msec

Phase

Normal

Config

Occupied

☐

0

othr

0

-

0

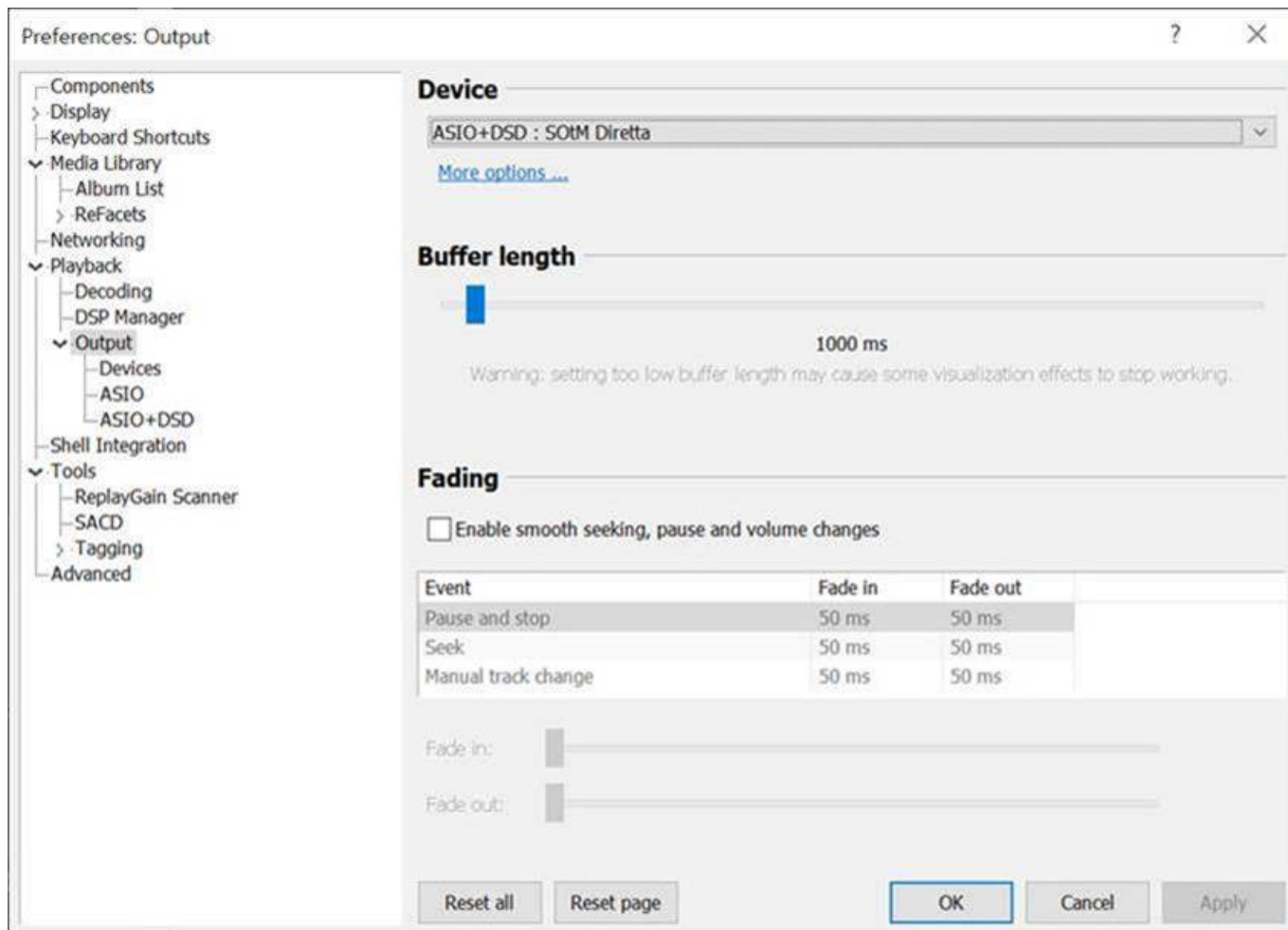
Status

SOTM

Ultimate High Performance Audio

Diretta

ASIO COMPATIBLE



As many of you may already know, Diretta is a network audio protocol specially designed for high-quality music playback. This protocol sends music data in small, consistent packets, which allows for lower current usage compared to protocols that send large amounts of data at once. As a result, it reduces internal noise in audio devices and provides superior sound quality.

From:

<https://docs.sotm-audio.com/> - **SotM docs**

Permanent link:

<https://docs.sotm-audio.com/doku.php?id=diretta&rev=1753263500>

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