Supported DACs and USB Profile Guide

This document contains a list of all D-A Converters and CD players with USB inputs supported by the Taiko USB Driver on Extreme Server and Olympus Server.

The document also describes how to select the ideal USB Profile for your DAC.

USB Profiles can only be selected on the Extreme Server. The Olympus Server does not require switchable USB Profiles.

Selecting a USB Profile

Only for Extreme Server. Not applicable to Olympus

Selecting the ideal USB Profile for your DAC is done by logging onto the Extreme Server via VNC, and loading the profile from the desktop. Detailed steps can be found below.

There are 3 steps in this process:

1. Look up your DAC in the DAC list below to find the ideal USB profile.
2. Make a VNC remote desktop connection to your Music Server.
3. Execute the selected profile by right-clicking it and selecting "Run with Powershell".

After this, please follow the guidelines as detailed in the separate Recommended Roon Settings document, which can be found in the Downloads section on the Taiko Audio website.

Step 1

Taiko USB driver-supported DACs

Taiko USB driver-supported DACs

Look up your DAC in the list below and make a note of the USB profile and the bit-setting

Notes

USB Profile settings only apply to the Extreme Server. The Olympus server does not require selection of USB profiles. Recommended Roon settings apply to both servers.

All DACs in black are embedded part of the initially installed version of the Taiko USB Driver. The DACS in blue are later additions and are present only in the versions of the Taiko Driver as installed for the users that requested this.

Contact us via support@taikoaudio.com if you have acquired a new DAC that has been added recently or if you have a DAC that is not on this list.

Aavik Aavik SD-880 – USB 1 – Roon 32-bit (added 10-07-2026)

Analog Domain DAC1 - USB2 - Roon 32-bit

Anthem STR - USB3 - Roon 24-bit

APL DSD-MR - USB4 - Roon 32-bit

APL DSD-SR - USB4 - Roon 32-bit

APL Hi-Fi DSD-GR Galactic Reference DAC - USB4 - Roon 32-bit (same interface as earlier APL models)

Aries Cerat Helene - USB4 - Roon 32-bit

Aries Cerat Kassandra - USB4 - Roon 32-bit

Aqua Formula (V1.0) - USB3 - Roon 24-bit

Aqua Formula xHD (V2.0) - USB4 - Roon 32-bit

Aqua La Scala - USB3 - Roon 24-bit

Ayon CD-35 II HF - USB1 - Roon 24-bit

Ayre QX-5 with USB2 upgrade - USB4 - Roon 32-bit

Benchmark – USB3 – Roon 24-bit (added 16-08-2022)

Berkeley Alpha DAC Reference Series 3 (No recommended settings available) (added 02-08-2023)

Berkeley Alpha USB interface (No recommended settings available) (added 02-08-2023)

B&O Beolab 50 - USB1 or USB3 - Roon 32-bit (added 28-07-2022)

B&O Beolab 90 - USB1 or USB3 - Roon 32-bit (added 07-07-2022)

Boulder 2120

Bricasti MDx - USB4 - Roon 32-bit

Brinkmann Nyquist - USB3 - Roon 24-bit

CH Precision C1/C1.2/C10 - USB3 - Roon 24-bit (note: CH Precision DACs must be set to USB Class 2 to use ASIO)

DCS Bartok - USB3 - Roon 24-bit (note: dCS DACs must be set to USB V2/2.0/Class 2 to use ASIO)

DCS Lina - USB1 (recommended to also try USB2 and USB4) - Roon 24-bit (added 10-10-2023) (note: dCS DACs must be set to USB Class 2 to use ASIO)

DCS Rossini - USB3 - Roon 24-bit (note: dCS DACs must be set to USB Class 2 to use ASIO)

DCS Rossini Player - USB3 - Roon 24-bit (note: dCS DACs must be set to USB Class 2 to use ASIO)

dCS Scarlatti - USB3 - Roon 24-bit (added 12-03-2024) (note: dCS DACs must be set to USB Class 2 to use ASIO)

DCS Vivaldi - USB3 - Roon 24-bit (note: dCS DACs must be set to USB Class 2 to use ASIO)

DCS Vivaldi Up-sampler - USB3 - Roon 24-bit (note: dCS DACs must be set to USB Class 2 to use ASIO)

DCS Vivaldi One - USB3 - Roon 24-bit (note: dCS DACs must be set to USB Class 2 to use ASIO)

Denafrips Gaia

Denafrips Terminator Plus

Devialet Expert Pro

EMM Labs DA2 - USB3 - Roon 24-bit

EMM Labs DAC2V2 - USB3 - Roon 24-bit

EMM Labs DAC2X - USB3 - Roon 24-bit

Esoteric Grandioso D1X (PCM only) - USB4 - Roon 32-bit

Esoteric Grandioso K1X (PCM only) - USB4 - Roon 32-bit

Esoteric K-01X (PCM only) - USB4 - Roon 32-bit

Esoteric K-01XD (PCM only) - USB4 - Roon 32-bit

Esoteric K-03 (PCM only) - USB4 - Roon 32-bit

Exogal Comet - USB3 - Roon 24-bit

Grimm LS-1 Active loudspeakers – USB3 – Roon 24-bit (added 03-2023)

Goldmund Mimesis 20H Nextgen - USB3 - Roon 24-bit

Goldmund Eidos Reference SACD player - USB3 - Roon 24-bit

Gustard X26 Pro - USB4 - Roon 32-bit

Holo Audio May – USB Profile not defined - Roon 24-bit

Ideon Absolute - USB4 - Roon 32-bit

iFi Pro iDSD

JLsounds I2SoverUSB - USB4 - Roon 32-bit (added 07-2022)

Kii Control Digital Preamp and USB Interface (added 25-11-2022)

Lampizator - USB4 - Roon 32-bit

Laiv Harmony – USB4 – Roon 32-bit (added 03-12-2024)

Linn Klimax DSM - USB2 - 32-bit

LH Davinci MKII - USB4 - Roon 32-bit

LH Virtuoso - USB4 - Roon 32-bit

Luxman D10X - USB1 or USB3 - Roon 24-bit

Luxman DA-07 - USB4 - Roon 32-bit (added 20-11-2024)

Matrix Audio X-SPDIF 2 - USB1 or USB3 - Roon 24 bit

Marantz SA-10 - USB4 – 32 bit (added 27-07-2023)

Meridian Explorer 2 – USB2 – Roon 32-bit (added 07-02-2023)

> *In this case, it is worth testing the following variants:*
>
> *USB1 – Roon 32-bit*
> *USB1 – Roon 24-bit*
> *USB3 – Roon 24-bit*

Meitner MA-3 - USB3 - Roon 24-bit

Meitner XDS1 V3 - USB3 - Roon 24-bit

Mola Mola Tambaqui – USB2 or USB4 - Roon 32-bit (added 08-2022)

MSB General: compatibility depends on which USB module is inserted into the unit. In any case, the Taiko USB driver provides old and new ProISL, and standard USB receiver compatiblity. Please note that MSB ProISL may require an Extreme Server reboot to be recognized and connect. If this fails, then please contact Taiko Audio support for a TeamViewer session.

MSB Digital Director - USB3 - Roon 24-bit

MSB Cascade DAC - USB3 - Roon 24-bit

MSB Pro USB - USB3 - Roon 24-bit

MSB V / Quad - USB3 - Roon 24-bit

Mutec MC-3+ - USB3 - Roon 24-bit

Nagra HD-X - USB2 - Roon 32-bit

Nagra Tube Dac - USB2 - Roon 32-bit

Omega Audio Concepts DNA DAC - USB1 - Roon 24-bit

Playback Design MPD-8 (JL Sounds USB Board) - USB4 - Roon 32-bit (added 19-05-2022)

Playback Design MPS-X (JL Sounds USB Board) - USB4 - Roon 32-bit (added 19-05-2022)

Pilium Elektra - USB3 - Roon 24-bit

Resolution Audio Cantata 3.0

Sennheiser HE-1 - USB2 - Roon 32-bit

Sforzato DSP – USB4 - Roon 32-bit (added 05-08-2026)

Singxer SU-6 - USB3 - Roon 24-bit

SoTM dx-usbHD - USB1 or USB3 - Roon 24-bit

Soulution 330 - USB3 - Roon 24-bit

Soulution 760 - USB3 - Roon 24-bit

SPEC RMP-DAC3EX USB4 - Roon 32-bit (added 10-2025)

SRC-DX - USB4 - Roon 32-bit (added 03-2022)

T+A MP 2500R - USB4 - Roon 32-bit

T+A R2500R (new model for 2024) - USB4 - Roon 32-bit (added 02-04-2024)

T+A SD(V)3100 - USB4 - Roon 32-bit

T+A HA 200 - USB4 - Roon 32-bit

T+A Symphonia DAC - USB2 - Roon 32-bit (added 25-09-2026)

Thrax Maximinus - USB4 - Roon 32-bit

Topping NX4DSD - USB4 - Roon 32-bit

Totaldac - USB1 - Roon 24-bit

Totaldac USB Reclocker - USB1 - Roon 24-bit

Trinity 1st gen model - USB1 or USB3 - Roon 24-bit

Trinity Reference

Vinnie Rossi L2 (JL Sounds USB Board) - USB4 - Roon 32-bit

Vitus (JL Sounds USB Board) - USB4 - Roon 32-bit

Wadax Atlantis Reference - USB3 - Roon 24-bit (updated 20-04-2023)

Wadax Arcadia – USB2 – Roon 32-bit (added 07-02-2023)

In this case, it is worth testing the following variants:

USB1 – Roon 32-bit
USB1 – Roon 24-bit
USB3 – Roon 24-bit

Weiss DAC-501 - USB4 - Roon 32-bit

Weiss Helios – USB4 – Roon 32-bit (added 31-05-2022)

Weiss Medus – USB3 – Roon 24-bit (added 06-09-2022)

Ypsilon 1000 - USB4 - Roon 32-bit

Step 2

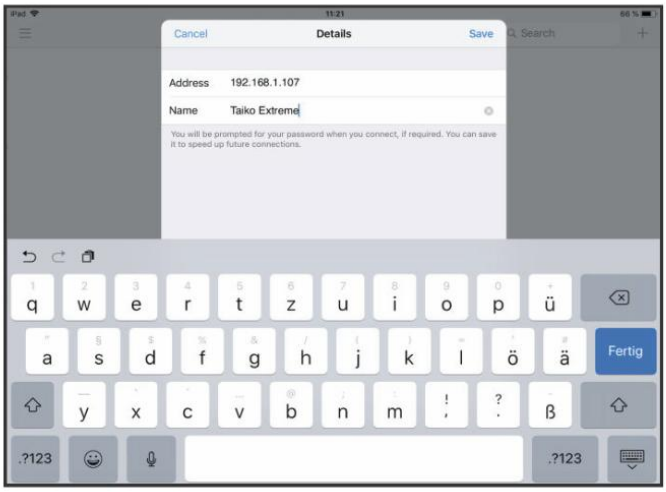
Connect to Extreme Server via VNC

VNC

Make a VNC remote desktop connection to your Music Server.

Tip If you have accessed the desktop of the server before, and the IP address of the server has not changed, you can start at step 4.

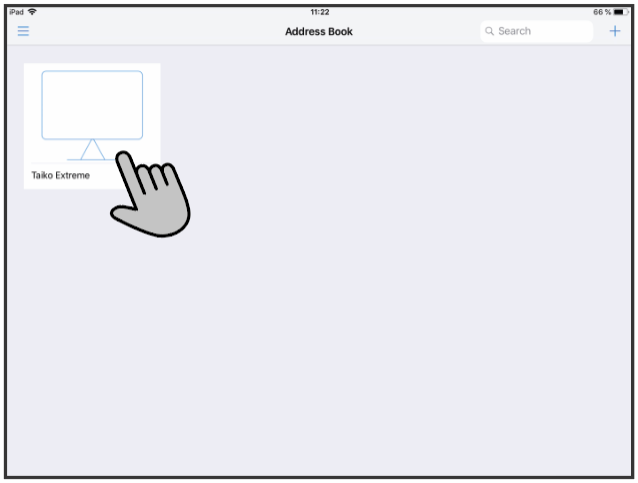
1. Download realVNC on a device connected to the same WiFi network as the server. You can find the app here: https://www.realvnc.com/en/connect/download/viewer/
2. Run the VNC app.
3. Click on the + symbol in the top right corner.



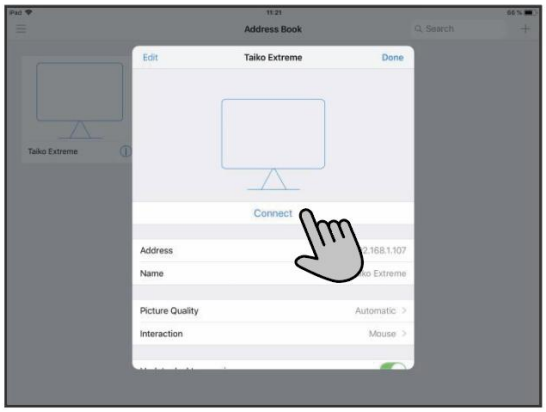
Tip You can find the IP address of the server in the Roon app.

4. Enter the IP address of the server and choose any name.
5. Click *Save*.

You have now created a connection profile.



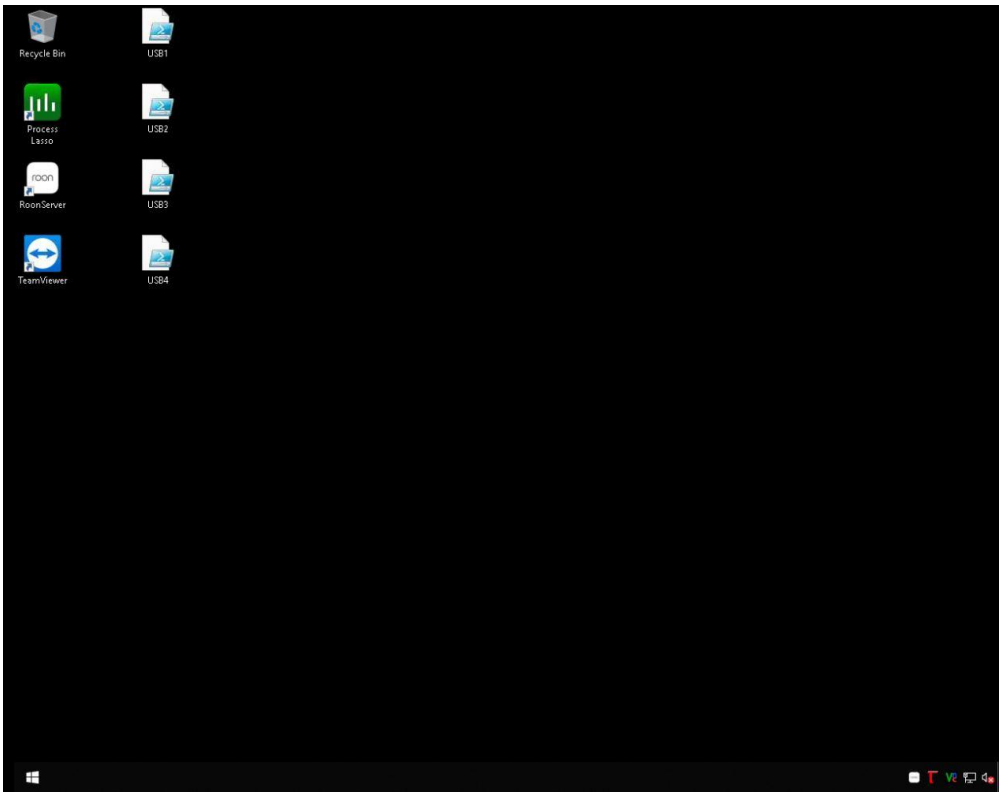
6. Click the connection profile with the name you entered in step 3.



7. Click on *Connect*.

Tip If you don't know the VNC name and password of the server, contact your supplier.

8. Enter the VNC name and password of the server.
9. Select *Remember password*.
10. Click *Continue*



The desktop of the server is shown and can now be controlled.

Tip If you need a keyboard, you can click the keyboard icon in the toolbar at the top of the screen to enable a virtual keyboard.

Alternative method (only MacOS)

When using a MacOS device you can also access the desktop of the server via your browser. Do the following:

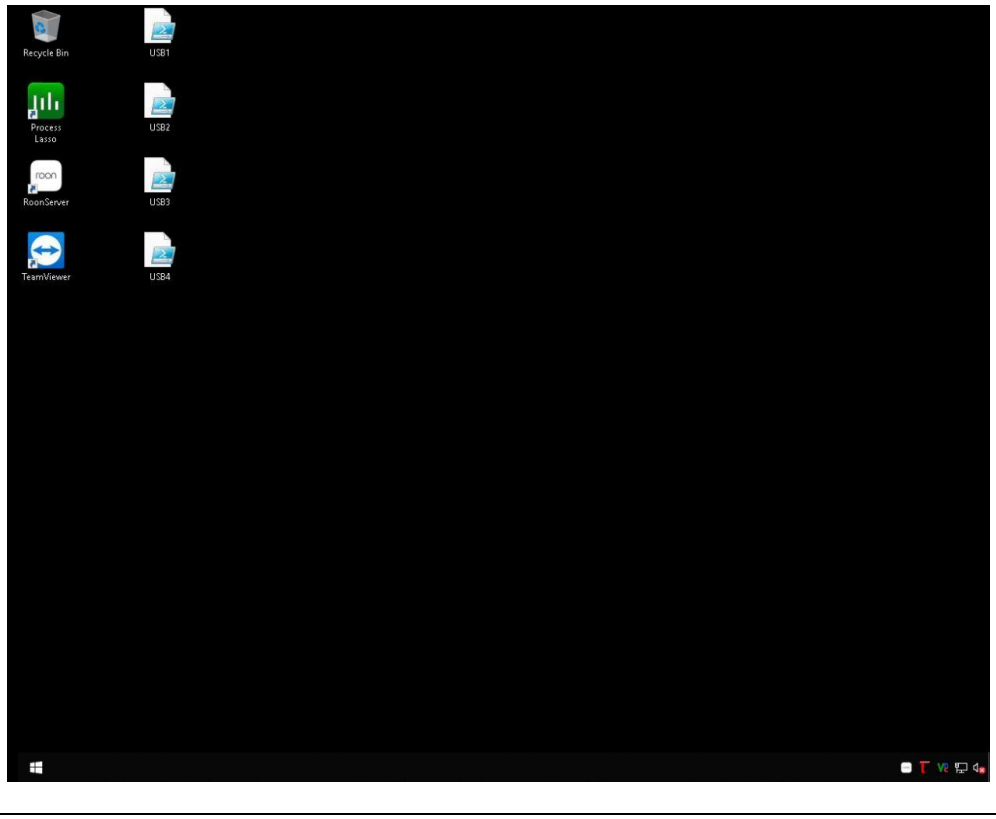
1. Open your browser.
2. Type *vnc://* followed by the IP address of the server in the search bar. For example: *vnc://192.168.1.23*

A popup appears, asking you if you want to open the screen sharing application.

3. Click *Yes*.

Tip If you don't know the password of the server, contact your supplier.

4. Enter the password of the server.
5. Click *Enter*.



The desktop of the server is shown and can now be controlled.

Tip If you need a keyboard, you can click the keyboard icon in the toolbar at the top of the screen to enable a virtual keyboard.

Step 3

Load USB Profile

Only for Extreme Server (not for Olympus)

Load USB Profile

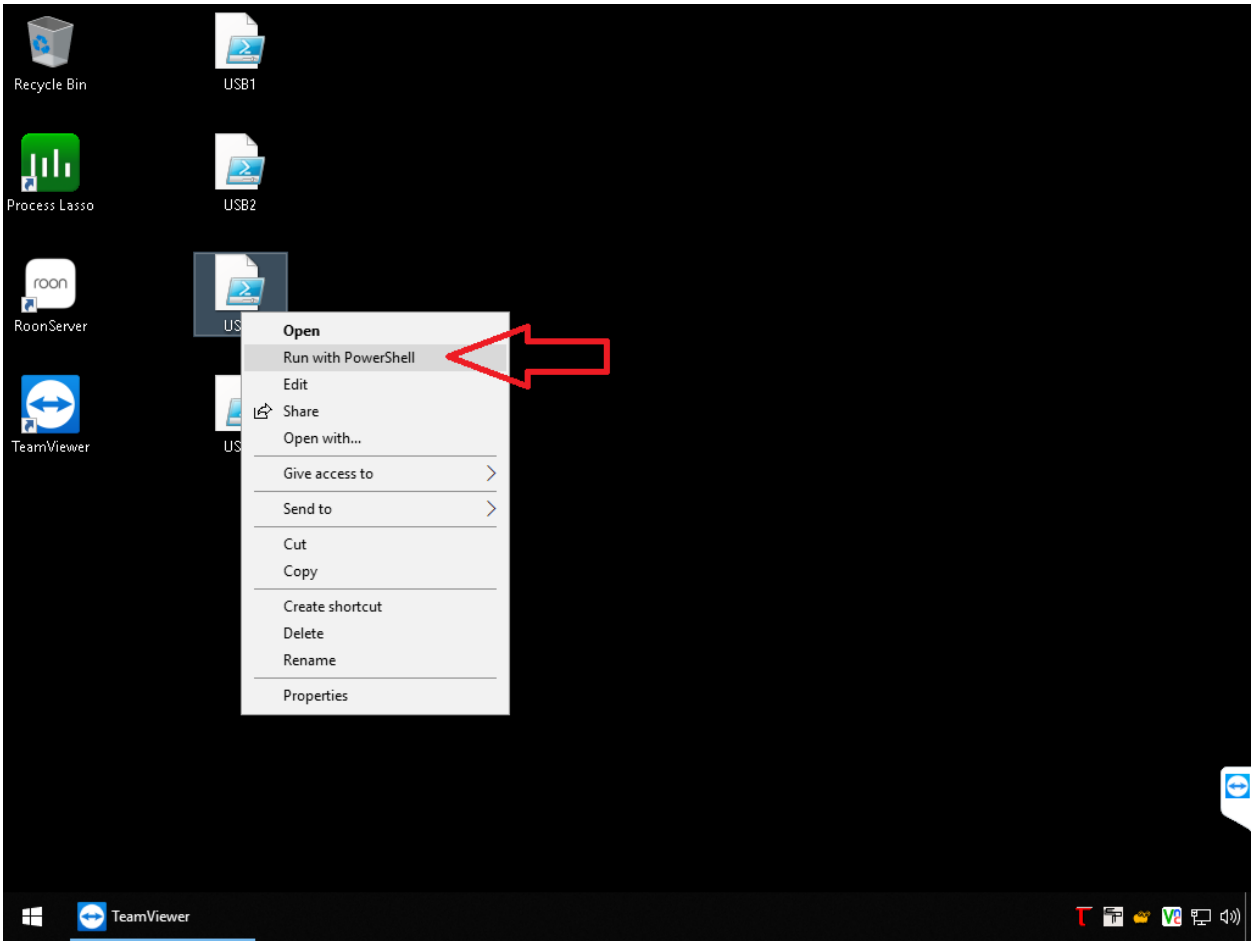
This applies only to the Extreme Music Server. The Olympus server does not require USB user profiles.

You can execute the USB profile on the Extreme's desktop. Please note that this will immediately reboot the Extreme.

The desktop will contain a range of USB Profiles. Select the one that is ideal for your DAC and execute it by right-clicking and selecting "Run with Powershell".

Mac users with single mouse buttons can use the Option key and click, Trackpad users can use a double finger tap to get to the context menu.

This will reboot the Extreme. After that, the profile will be active. It will remain active throughout successive reboots and even after changing from Roon to TAS and back.



You have now completed the USB Profile procedure.

Next, please follow the guidelines as detailed in the separate Recommended Roon Settings document, which can be found in the Downloads section on the Taiko Audio website.