

Quickstart Manual



Introduction

1.0

Welcome to the M Scaler Quickstart Guide. This shortened guide is supplementary to the main manual which should be referred to for full safety and operational information.

Please note, more information on any of these topics is listed within the full manual.

Warranty

1.1

The M scaler comes with a comprehensive 3-year warranty. To activate this warranty, please register your device via the Chord Electronics website:

chordelectronics.co.uk/register-product

Note: please do not use a third-party charger with the M Scaler as it voids the warranty

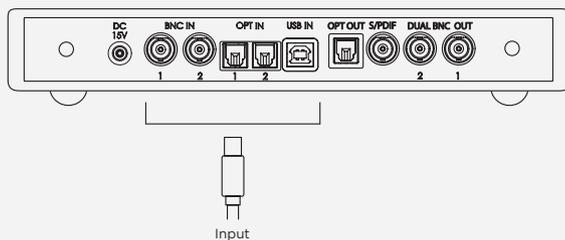


Connecting your source to M Scaler

2.0

In order for M Scaler to upscale/upsample your music, you must connect your source to any input of M Scaler. You can connect multiple sources if you wish. If you are using a MAC/Linux device you will not need a driver but a Windows device will need a driver from the M scaler section of our website:

chordelectronics.co.uk/product/hugo-mscaler/

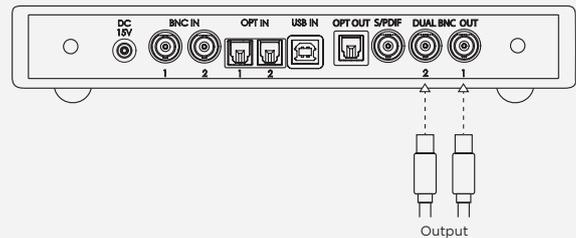


Connecting M Scaler to DAVE, TT 2 or Qutest

3.0

To experience the full 768kHz upsampling benefits of M Scaler, you must connect it in dual-data mode to a Chord Electronics DAC using two BNC cables. These have been provided.

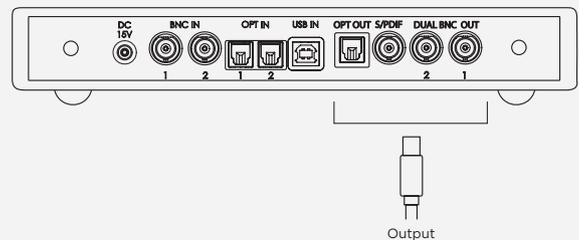
Plug BNC OUT 1 into BNC IN 1 and BNC OUT 2 into BNC IN 2. If you only plug one BNC cable into the device you will only experience a maximum upsampling of 384kHz. You no longer require your source to be connected to your DAC.



Connecting M Scaler to a third-party DAC

4.0

Connecting M Scaler to a third-party DAC without a supported dual data mode (x2 parallel BNC inputs) will yield maximum upsampling of 384kHz. We recommend connecting M Scaler to your DAC via BNC/SPDIF for the maximum upsampling of 384kHz in this configuration. Connect any output of M Scaler to the input of your DAC. You no longer require your source to be connected to your DAC.

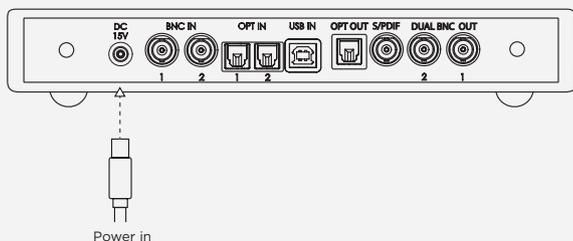




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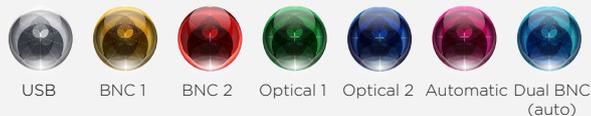
Connecting the power supply to M Scaler 5.0

Connect only the supplied power supply to the DC 15V input of M Scaler. Once connected, M Scaler will automatically power on. M Scaler does not have a power button and will remain on until the power supply is disconnected.



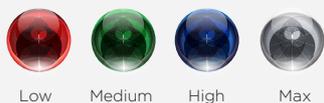
Selecting your input 6.0

You must select the corresponding colour of the input to the input listed below in which you intend to upsample. Press the input button as required to match the colour. Please note, if Dual BNCs are detected the M Scaler will automatically select the input,



Selecting your upsample rate 6.1

You must select the corresponding colour for the upsample rate best suited for your system. Select this by pressing the OP SR (Output sample rate) button. Please view the chart on page 31 of the full user manual.



How to avoid latency when watching video 7.0

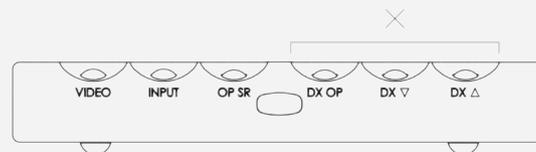
To avoid any latency when watching video, we recommend activating 'Video Mode' or 'Automatic Mode'. This will reduce the number of taps, a measure of resolution, and in turn, reduce the latency. With the 'VIDEO' button off, the video filter will be off, with the button white the video filter will be on.

We recommend that when you switch back to listening to music that you deactivate 'Video Mode'. When the button shows as yellow (music playback detected) or cyan (video playback detected) the mode is automatic and will automatically detect whether you are watching a video or listening to music, not requiring manual intervention.



DX Buttons 8.0

The last 3 buttons on the M Scaler unit (DX OP, DX down, DX up) are not to be used as of yet, they have been implemented for a future product that will pair with the M Scaler. Please leave them off.



Product registration 9.0

Now that you have successfully completed the setup of your M Scaler you can immediately begin to experience its transformational quality on your digital music collection. However, we advise that you register your product with us. Registering helps us give you the best possible support and protects your investment:

chordelectronics.co.uk/register-product/