

Revolution DAC

Revolution DAC User settings can be configured through front panel or through IR remote.

Front Panel Buttons: Left, OK/M, Right, Up (+), Down (-)

Up/ Down Buttons are used for volume and navigating the menu

Left/Right buttons used to Enter/Exit menu mode and navigating.

OK/M button for Mute and OK function used on menu to make choices.

FILTER: 7 User configurable filter settings

- 1 Linear phase fast roll-off filter
- 2 Linear phase slow roll-off filter (best THD+N default)
- 3 Minimum phase fast roll-off filter
- 4 Minimum phase slow roll-off filter
- 5 Apodizing fast roll-off filter
- 6 Corrected minimum phase fast roll-off filter
- 7 Brick wall filter

- 1) THD compensation logic is enabled and can be configured to correct for second and third harmonic distortion

H2 and H3 best THD+N 3 and 8 (default)

THD H2: 0 to 8

THD H3: 0 to 8

However changing the H2 and H3 , while increasing distortion (very low levels) , might increase sound quality perception . This effect is called euphonic. Try different settings and chose what you like best.

2) SYNC/ ASYNC: settings for clock jitter reduction.

SYNC = Clock jitter reduction disabled. Best THD+N

ASYNC = Clock jitter reduction enabled (bandwidth of 1). 0.5db increased harmonics (-125) but decreases jitter to around -150 (from -140)

3) DISPLAY: change contrast from 10% to 100%, 5 steps.

Default value: 3

4) OSF-B: Over Sampling Filter Bypass

ON : Over Sampling Filters bypassed , volume control and filters selection disabled .

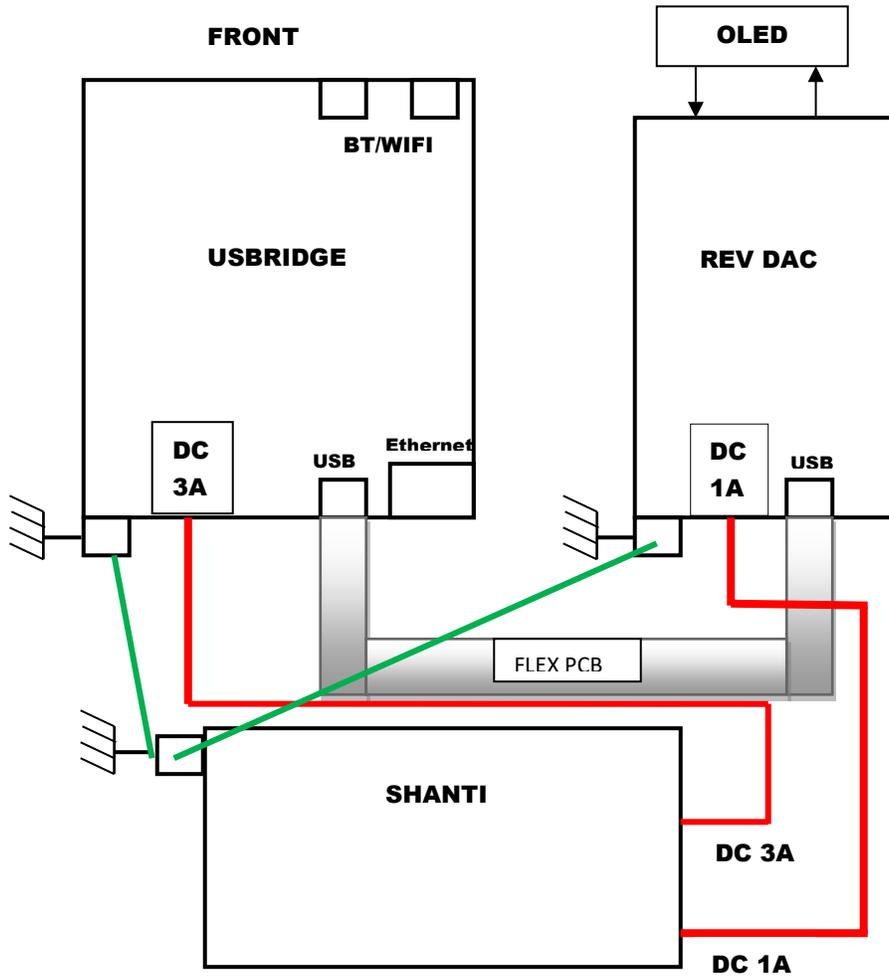
Sound quality perception might increase.

OFF : Filters and volume work (default)

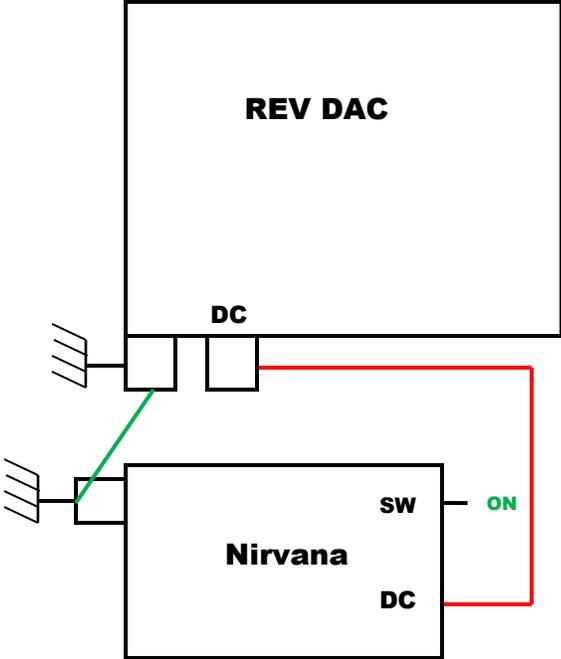
5) POPMUTE: to eliminate the POP/clicks on PCM stop/start/sample rate change . Mute duration can be customized.

0 – disabled, 1-5 is 20-100msec. (default 3)

Connection between USBridge, REV DAC and SHANTI

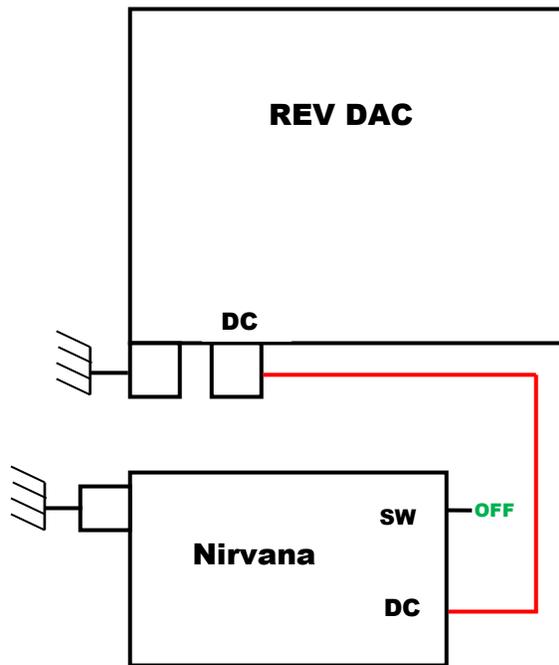


Connection between REV DAC and Nirvana (Best THD+N)



Connection between REV DAC and Nirvana

(Alternatively you can use below setups, if you have any GND loops (humming) with a very slight penalty on THD 0.5db (-125)



Connection between REV DAC and Nirvana

