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 (but at very low levels) might increase sound quality . 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. 0.5db reduction in 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 .

   In this mode sound quality perception might increase.

   OFF : Filters and volume work (default)

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

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