

OPA-Q2.1SE User manual

1、LO:Line Output, HO:Headphone Playback

Operation mode: Rotate the volume knob to switch/remote control up and down arrows to select.

2、BT :Bluetooth

Signal input modes are USB, COA coaxial, OPT optical fiber, BT Bluetooth.

Operation mode: When the screen displays any one of USB/COA/OPT/BT, rotate the volume knob (to switch the input mode) / remote control input selection button.

3、GL: earphone gain is low, GH: earphone gain is high.

Operation mode: Rotate the volume knob to switch/up and down arrows of the remote control to select.

4、FL1:PCM filter, there are FL1~FL7 respectively.

Operation mode: Rotate the volume knob to select/remote control up and down arrows to select.

5、DP9:DPLL digital lock loop, there are DP1~DP9 respectively.

Operation mode: Rotate the volume knob to select/remote control up and down arrows to select.

6、U2.0/U1.1 : USB transmission mode

Operation mode: Rotate the volume knob to switch/ Remote control up and down arrows to select.

7、BL1:Display brightness, respectively BL1~BL8

Operation mode: Rotate volume knob to select/ Remote control up and down arrow to select.

Function

●DPLL (digital phase-locked loop)

-DPLL1-9, the lower the value, the lower the clock jitter.

This DPLL setting is unique to the ESS series, and it adjusts the bandwidth of the DPLL digital phase-locked loop circuit inside the chip, so that the chip achieves a balance between anti-clock jitter and input tolerance. Its function.

-If the clock stability of the input signal is good, this value can be reduced so that the clock performance of the system is better clock performance.

-If the clock stability of the input signal is not good, the sound may be interrupted, increase this value to avoid the interruption of the

sound.

This value can be increased to avoid sound interruption! Especially when using a TV as a signal source.

●USB (USB input)

-U1.1 mode

1、 Can connect all USB devices without driver.

2、 It can support the connection of many kinds of game consoles, such as XBOX, PS4,PS5 and so on.

3. USB1.1 only supports up to 24bit/96KHz.

-USB2.0 mode (USB2.0 requires driver installation when connecting to a WIN system and supports high specification sample rate).

●PCM FILTER (PCM Filter)

FL1 (Fast Roll-off with Minimum Phase Correction)

FL2 (Linear slow roll-off)

-FL3 (Apodizing filter)

-FL4 (Minimum phase fast roll-off)

FL5 (Minimum phase slow roll-off)

-FL6 (Linear fast roll-off)

-FL7 (Brickwall mixing filter)

Sampling Rate.

USB

PCM 44.1~768kHz

DSD 2.8224~22.5792MHz

Optical/Coaxial

PCM 44.1~192kHz

DSD DSD64(DoP)

Bluetooth version:5.0.

LDAC:24bit/96kHz (990kbps/660kbps/330kbps)

aptX-HD:24bit/48 kHz_576kbps

aptx : 16bit/44.1 kHz_352kbps

SBC:16bit/44.1 kHz_328kbps

AAC :16bit/44.1 kHz_320kbps

OPA-Q2.1SE Remote Control Instructions

- The up, down, left and right arrows of the remote control are not cyclic to select!
- If you turn off the power with the remote control, the next time the power on the back is turned on, you need to press the red on/off button of the remote control for the screen to light up the characters!



INPUT MODE CHOOSE



HEADPHONE AMPLIFIER CHANGE



ENTER MENU



SECOND MENU