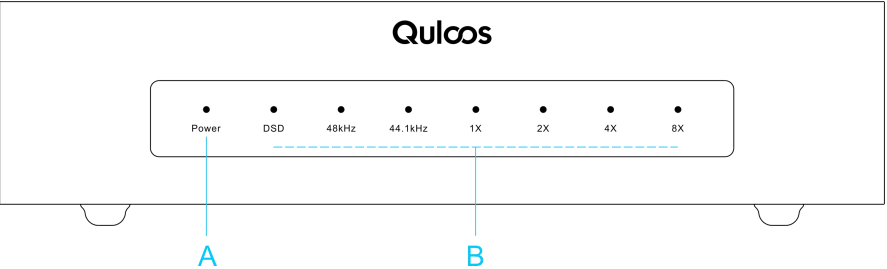


QU02 User Manual

Front Panel

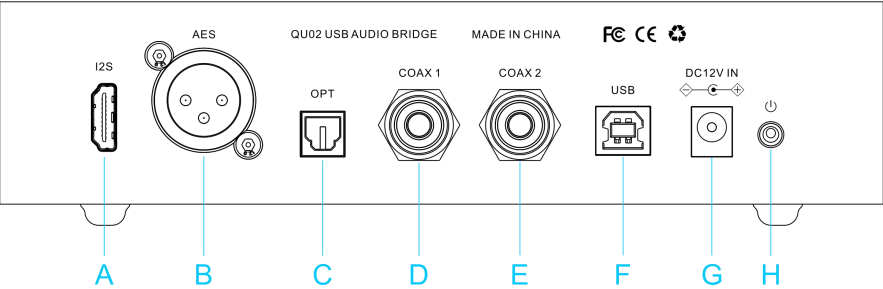


A Power Indicator

B Sample Rate Indicator

Sample Rate Indicator				
	1X	2X	4X	8X
44.1kHz(PCM)	44.1kHz	88.2kHz	176.4kHz	352.8kHz
48kHz(PCM)	48kHz	96kHz	192kHz	384kHz
DSD	DSD64	DSD128	DSD256	DSD512

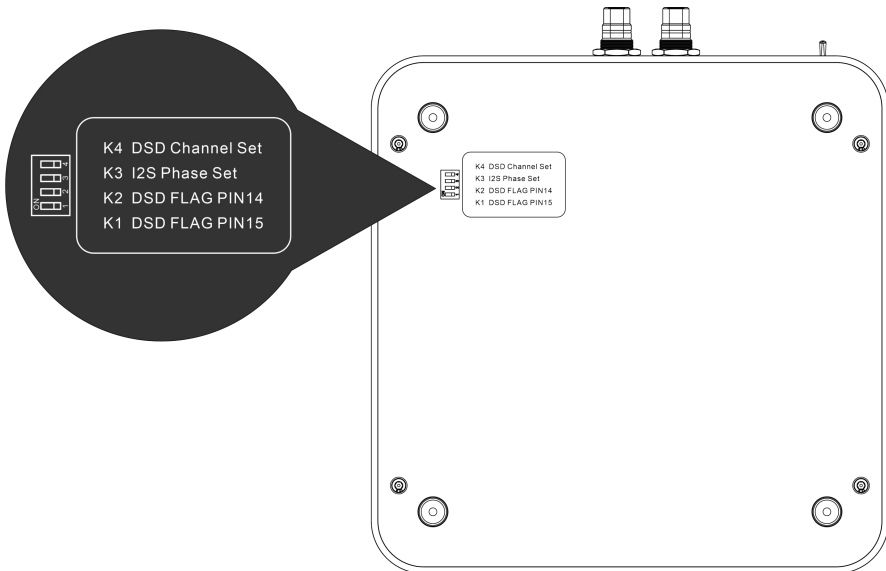
Rear Panel



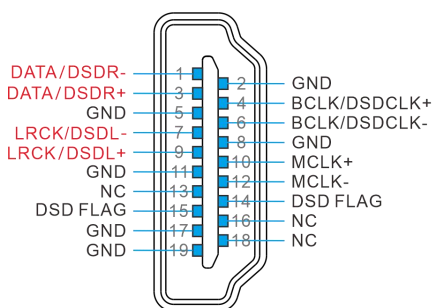
	Port Name	Functional Description
A	I2S	I2S Output (LVDS)
B	AES	AES Output 【1: GND, 2: +(HOT) , 3: -(COLD)】
C	OPT	Optical SPDIF Output
D	COAX1	Coaxial SPDIF Output 1
E	COAX2	Coaxial SPDIF Output 2
F	USB	USB Input
G	DC12V IN	Power Input: DC12V(12-13V) 2A @DC Base 5.5*2.1, Internal is Positive.
H	POWER	Power Switch

I2S Port Definition Settings

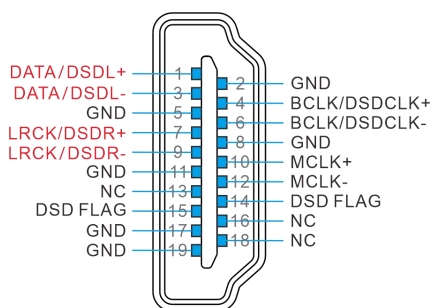
The I2S port uses an HDMI socket, But the I2S signals are completely different than HDMI video signals. Do not attempt to connect a monitor, TV and computer. Please set up the I2S interface before using I2S Output.



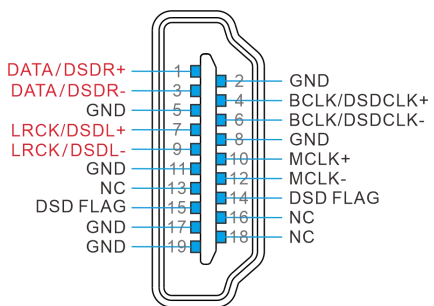
- **K1:** K1 to ON, DSD FLAG is PIN15, Set PIN15 as the FLAG Bit.
 - **K2:** K2 to ON, DSD FLAG is PIN14, Set PIN14 as the FLAG Bit.
 - **K3:** Phase setting of I2S interface, K3 to ON is Standard phase, K3 to OFF is Reverse phase.
 - **K4:** DSD channel setting for I2S interface, K4 to OFF is DSDR using LRCK, K4 to ON is DSDR using DATA.
- Note:** After setting K3 or K4, You need to restart the device for this to take effect.



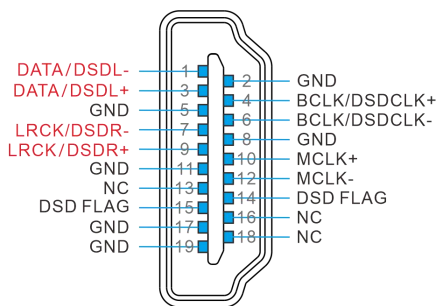
K3-ON K4-ON



K3-OFF K4-OFF



K3-OFF K4-ON



K3-ON K4-OFF

Product Parameters

Port	PCM	DSD
I2S	32Bit / 44.1kHz ~ 384kHz	DSD64 ~ DSD512(Native)
AES	24Bit / 44.1kHz ~ 384kHz	Dop64 ~ Dop128
OPT	24Bit / 44.1kHz ~ 192kHz	Dop64
COAX	24Bit / 44.1kHz ~ 384kHz	Dop64 ~ Dop128

Port	Impedance Matching	Output Level
I2S	100Ω	LVDS
AES	110Ω	3Vpp
OPT	---	---
COAX	75Ω	0.55Vpp

- Download KS/Wasapi/WDM/ASIO Drivers for Win7,Win8,Win10,Win11 : <http://www.q1shifi.com/en/Download.htm>
- NO Drivers needed for Mac OSX 10.6+ and Linux with UAC2 compliant kernel.
- Device name: Quloos QU02 or Amanero ASIO Combo384.
- Using an OTG to USB-A adapter, QU02 can connect to most mobile phones or iPad.

Contact US:

Email: cxqmcu@cxqmcu.com