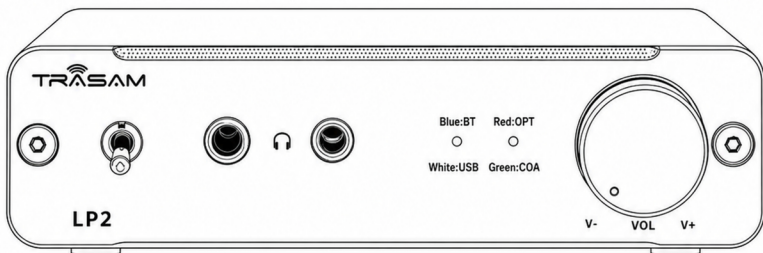




LP2 User Manual

Bluetooth / USB / Optical / Coaxial DAC Headphone Amplifier



DAC: ES9039Q2M x 2

USB Processor: XMOS XU316

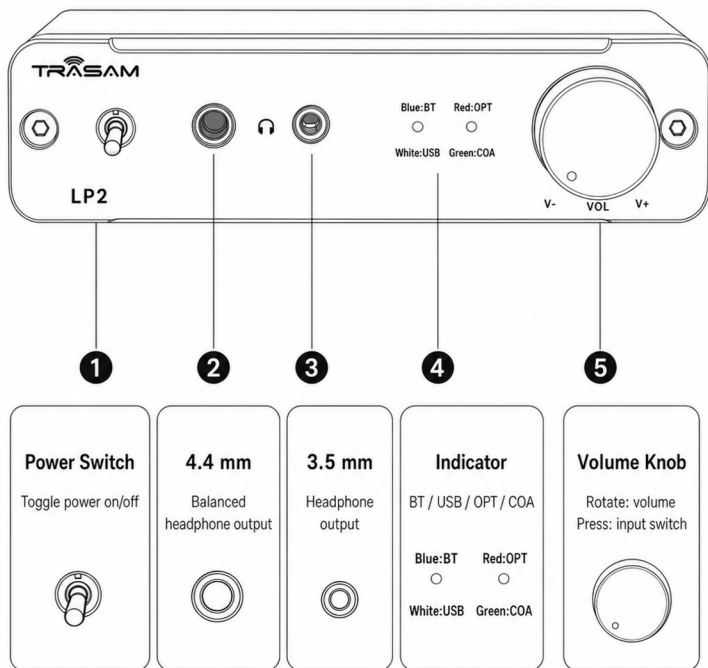
Bluetooth: QCC3084 / BT 5.4

USB DAC: DSD512 / PCM 768kHz

Size: 112 x 135 x 30 mm

Please read this manual before use and keep it for future reference.

02 Front Panel



Indicator Colors



Blue
Bluetooth



White
USB



Red
Optical

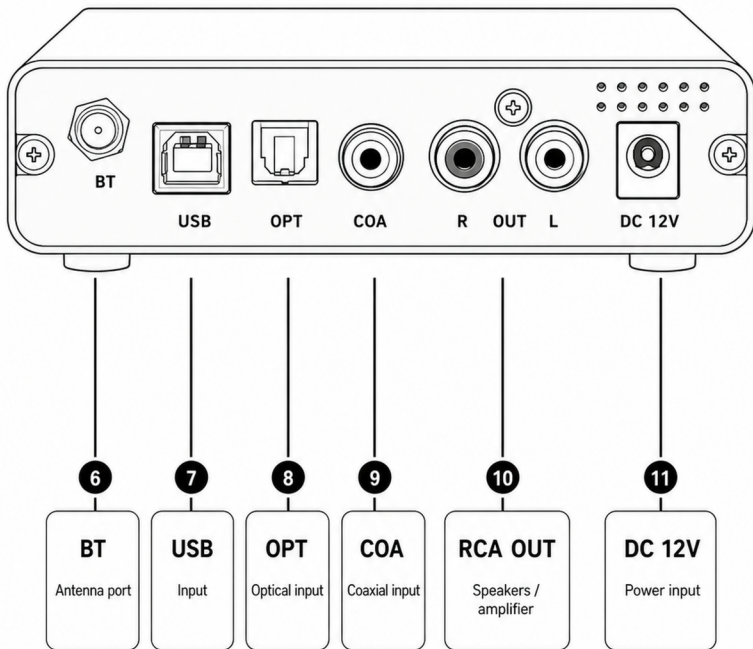


Green
Coaxial



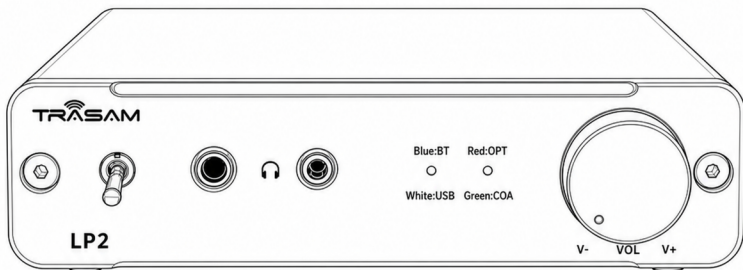
Turn down the volume before connecting headphones.

03 Rear Panel

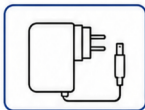


Rear Panel Ports: BT / USB / OPT / COA / RCA OUT / DC 12V

04 Quick Start



1



Connect Power

Use a DC 12V power adapter to power the LP2.

2



Connect Input

Connect your source device via USB / OPT / COA / BT.

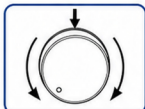
3



Connect Headphones or RCA

Use front 4.4mm balanced or 3.5mm headphone output; use rear RCA for speakers/amplifier.

4



Power On and Adjust

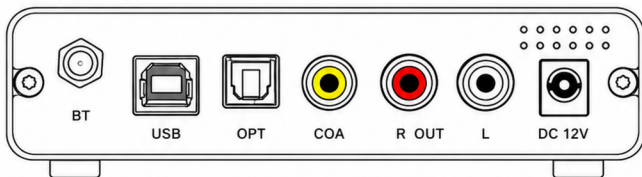
Toggle power on, rotate the volume knob to adjust volume, press the knob to switch input.



Turn down the volume before connecting headphones.

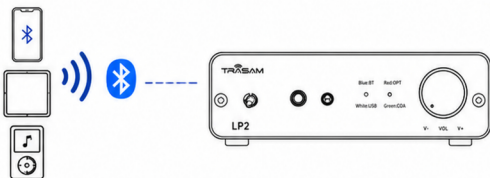
05 Connection Modes

Rear Panel (LP2)



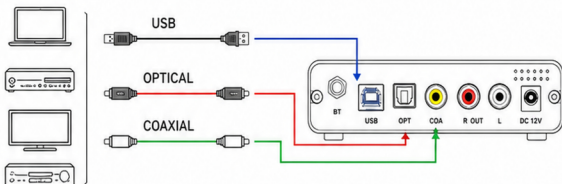
1 Bluetooth Input

Phone, tablet, or player connects via BT.
Supports LDAC / aptX Adaptive / aptX HD / AAC / SBC.



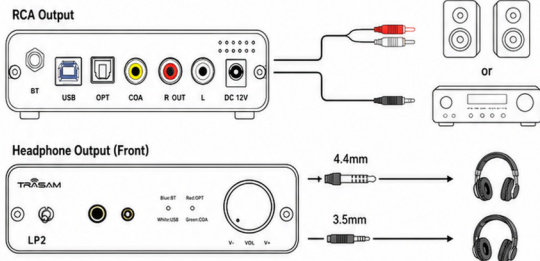
2 Digital Input

USB / Optical / Coaxial connects to computer, player, TV, or transport.



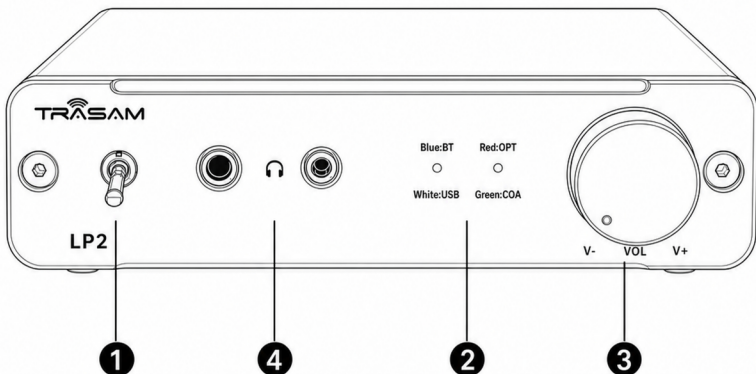
3 Analog Output

RCA output connects to powered speakers or amplifier; headphones connect from front 4.4mm or 3.5mm outputs.



● Blue BT ○ White USB ● Red OPT ● Green COA

06 Operation & Output



1 Power Switch

Use the toggle switch to power the unit on or off.

2 Input Switching

Press the volume knob to switch between BT / USB / OPT / COA.

3 Volume Control

Rotate the volume knob: clockwise to increase, counterclockwise to decrease.

4 Output Selection

Front panel supports 4.4mm balanced and 3.5mm headphone outputs; rear RCA output connects to powered speakers or amplifier.



Complete all connections before starting playback.

07 | Specifications

Model	LP2
Size	112 x 135 x 30 mm
DAC Chip	ES9039Q2M x 2
USB Processor	XMOS XU316
Op Amp	OPA1612 x 3
Bluetooth Chip	QCC3084 / Bluetooth 5.4
Bluetooth Codecs	LDAC / aptX / aptX Adaptive / aptX HD / AAC / SBC
USB Decoding	PCM 768kHz / 32bit, DSD512
Optical / Coaxial	PCM 192kHz / 24bit
Outputs	RCA / 4.4mm Balanced / 3.5mm Headphone
Headphone Impedance	3.5mm 16-300 ohms, 4.4mm 16-600 ohms
Power	DC 12V

Specifications may be updated. Please refer to the actual product.

08 Troubleshooting & Safety

Common Issues

No Sound	Check input mode, source volume, and headphone/RCA connection.
Bluetooth Cannot Connect	Confirm BT mode is selected, then search for LP2 again.
USB Not Recognized	Try another USB cable or USB port, and check computer output device.
Distorted Sound	Lower source or LP2 volume, and check headphone impedance.

Safety Notes

- Use only a DC 12V power adapter.
- Keep ventilated; avoid high temperature and humidity.
- Turn down volume before plugging or unplugging cables.
- Do not disassemble or repair by yourself.



Warranty & Service:

Keep your proof of purchase. For after-sales support, contact your seller or customer service.