LOXJIE

Hi·Res AUDIO

A40

使用说明书



本说明书的内容可能会随版本更改, 如有变动, 恕不另行通知, 如需最新说明, 请到http://www.loxjie-audio.com/download.asp下载最新版本的说明书。

Ver 1.1

特点

- 德国英飞凌新款数字大功率放大器芯片，更高质的同时，效率高，能耗低；
- 使用了日本JRC公司电子音量控制芯片NJW1194，精准的音量控制和超低的失真度；
- 支持MQA解码，支持MQA-CD；
- 全新第三代XMOS XU-316，PCM支持到32bit/768kHz，DSD支持到DSD256；
- 最新蓝牙支持LDAC，APTX/HD，SBC，AAC!
- 铝合金CNC加工面板工艺，采用阳极氧化技术，做工精细，触感一流；
- 人性化操作系统简单易懂，配备全功能遥控功能；
- 大量采用发烧级音频元件以提升主观听感；
- 高品质镀金输入、输出端子；
- 完善的过热，过流等保护电路；
- 内置高品质大功率音频专用开关电源。

技术支持

固件及驱动下载：http://www.loxjie-audio.com/

技术参数

接口：

输入方式	RCA , BT , USB , 光纤 , 同轴 , 唱放 , HDMI(ARC)

音频特性：

THD+N	0.003%	
信噪比	107dB	
通道分离度	98dB	
输入灵敏度/输入阻抗	280mV/22kΩ	
输出功率	立体声	165Wx2(4Ω) / 85Wx2(8Ω)

音频规格：

USB传输方式	异步传输	
USB兼容性	Windows 7 / 8 / 8.1 / 10 / 11, Mac OSX, Linux	
MQA decoder	USB / 光纤 / 同轴	
MQA-CD decoder	光纤 / 同轴	
位深		
USB	1bit，16~32bit	
光纤 / 同轴	1bit，16~24bit	
采样率		
USB	PCM	44.1~768kHz
	DSD	2.8224~11.2896MHz
光纤 / 同轴	PCM	44.1~192kHz
	DSD	DSD64(DoP)

其他：

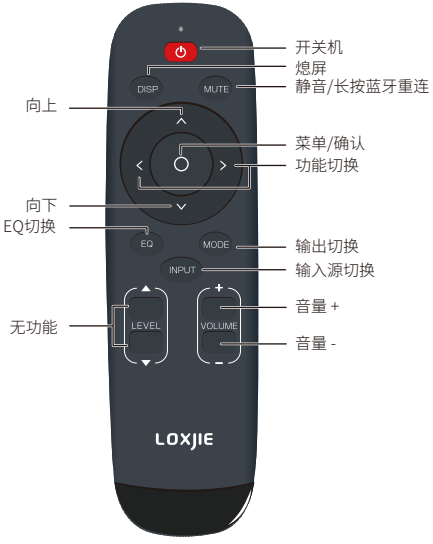
消耗功率	40W(正常音量)
体积	243X42X177mm(WxHxD)
重量	1.62kg / 3.57lbs

规格时有变更，恕不另行通知。

关于遥控器

注意：

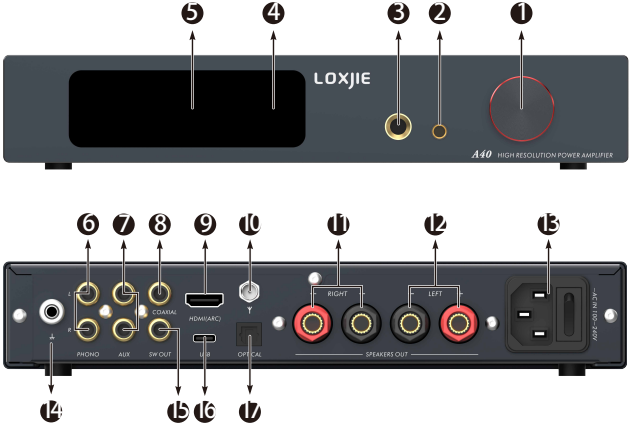
- 如果遥控器距离本机很近时操作仍无效, 请用新电池更换。
- 如果要长时间不使用遥控器, 请取出遥控器的电池。
- 按照电池处置的地方性法规处置废旧电池。
- 遥控器请使用2节7号(AAA)电池。
- 遥控器使用距离5-8米。



蓝牙使用方法:

1. 连接: 将输入源切换至蓝牙, 打开手机蓝牙功能, 搜索 **"LOXJIE A40"**, 搜索到后点击连接, 当手机显示"已连接"则已连接成功。

部件介绍



❶ 功能旋钮
短按进入菜单；
长按退出菜单；
旋转改变数值或音量。

❷ 4.4mm耳机输出

❸ 6.35mm耳机输出

❹ 红外线窗

❺ 显示屏

❻ 唱机输入

❼ 线路输入

❽ 同轴输入

❾ HDMI(ARC)输入

❿ 蓝牙天线

⓫ 右声道输出

⓬ 左声道输出

⓭ 电源输入(100~240V AC)

⓮ 接地

⓯ 超低音输出

⓰ USB输入

⓱ 光纤输入

***蓝牙配对方式：**手机打开蓝牙配对，搜索并选择“LOXJIE A40”，如果手机显示“已连接”，则表示配对成功，如果无法配对成功，请操作蓝牙的清除功能，把A40之前连接的蓝牙清除后，再重试。

****设备喇叭输出：**连接喇叭时请注意极性，必须按产品标注的极性，以免影响音质!

功能及操作说明

输入菜单：

- USB audio (USB输入)
- Optical (光纤输入)
- Coaxial (同轴输入)
- Bluetooth (蓝牙输入)
- ARC IN (HDMI(ARC)输入)
- AUX IN (线路输入)
- PHONO (唱机输入)

输出菜单：

- Speakers (喇叭输出)
- Headphones (耳放输出)

EQ菜单：

- Direct (直通)
- Tone (由高低音调节决定)
- Double Bass (双倍低音加强音效)
- Bass (低音加强音效)
- Super bass (低音超强音效)
- Rock (摇滚乐音效)
- Soft (柔和音效)
- Clear (清晰音效)

功能及操作说明

Treble高音调节范围：

- -9dB~+9dB
  当EQ处于直通或其他EQ模式时，调节高音，EQ模式会自动切换到Tone的状态。

Bass低音调节范围：

- -9dB~+9dB
  当EQ处于直通或其他EQ模式时，调节低音，EQ模式会自动切换到Tone的状态。

滤波器：

- Fast and Low-latency filter (短延时陡降滤波器)
- Fast and Phase-compensated filter (陡降相位补偿滤波器)
- Slow and Low-latency filter (短延迟缓降滤波器)
- Slow and Phase -compensated filter (缓降相位补偿滤波器)
- Nonoversampling filter (非过采样滤波器)

8种字体颜色设定分别为：

- White (白色)
- Red (红色)
- Green (绿色)
- Blue (蓝色)
- Yellow (黄色)
- Cyan (青色)
- Orange (橙色)
- Purple (紫色)

功能及操作说明

蓝牙清除菜单：

- Turn to clear (按遥控器上下键或者旋转旋钮以清除当前蓝牙配对设备)

熄屏设置：

- Always ON (常亮)
- Auto off (在无操作5秒后自动关闭屏幕)

恢复出厂设置:
机器在未通电状态下，按住开机键再通电，直到显示屏显示文字后，松开按键。

关于MQA

MQA（Master Quality Authenticated）是一项屡获殊荣的英国技术，是一种兼有极高的采样率和足够小的文件体积的高解析音频编码技术。A40采用MQA技术，可以接收并解码MQA音频，提供母带级别的声音。
有关更多信息，请访问https://www.mqa.co.uk/how-it-works

如何播放MQA

- A40的USB、光纤、同轴支持MQA解码！
- A40的MQA播放不要求使用特殊的播放软件，例如foobar2000，Audirvanaplus只要 支持ASIO或者WASAPI的音频输出就可以了，并且在播放MQA音频时，最好将电脑的音量调到最大，以使得电脑的音频输出是最佳状态。
- 在播放MQA文件时，显示屏显示的采样率为音频原始采样率。

MQA和声波标志是MQA Limited的注册商标。©2016

播放MQA-CD注意事项

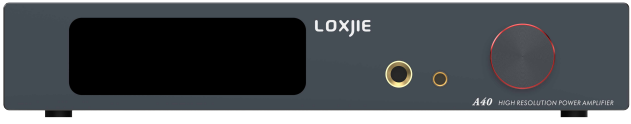
- 必须确认所播放的是一张真正的MQA-CD；
- 确认CD播放器所输出的光纤或者同轴信号是未经处理的源码 。

LOXJIE

Hi·Res AUDIO

A40

Instruction manual



The contents of this manual may change with the version, if there is any change without notice, please go to http://www.loxjie-audio.com/download.asp
Download the latest version of the manual.

Ver 1.1

Features

- German Infineon's new digital high-power amplifier chip has higher quality, high efficiency, and low energy consumption;
- The use of Japan's JRC electronic volume control chip NJW1194, accurate volume control and ultra-low distortion;
- Support MQA decoding, support MQA-CD ;
- The new third generation XMOS XU-316, PCM support to 32bit/768kHz, DSD support to DSD256;
- The latest Bluetooth supports LDAC, APTX/HD,SBC, AAC;
- All aluminum alloy CNC precision processing shell, anodizing technology and chamfering process, exquisite workmanship and delicate touch;
- Humanized operating system is simple to understand, equipped with full-featured remote control function;
- A large number of audiophile audio components to enhance the subjective sense of listening;
- High-quality gold-plated input. Output terminals;
- Perfect overheating, overcurrent protection circuit;
- Built in high-quality high-power audio special switching power supply.

Support

Firmware and driver download: http://www.loxjie-audio.com/

Specification

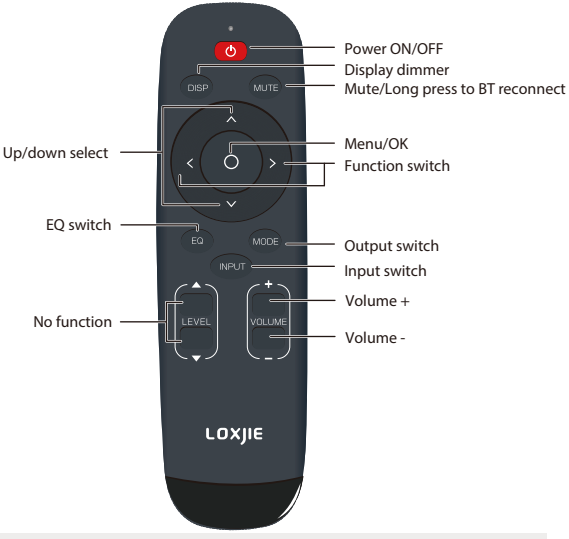
Interface:		
Inputs	RCA / BT / USB / Optical / Coaxial / Phono / HDMI(ARC)	
Audio feature:		
THD+N	0.003%	
SNR	107dB	
Channel separation	98dB	
Input Sensitivity / Input Impedance	280mV/22kΩ	
Output Power	stereo	165Wx2(4Ω) / 85Wx2(8Ω)
Audio specifications:		
USB transmission	Asynchronization	
USB compatibility	Windows 7 / 8 / 8.1 / 10 / 11, Mac OSX, Linux	
MQA decoder	USB / Optical/ Coaxial	
MQA-CD decoder	Optical/ Coaxial	
Windows 7 / 8 / 8.1 / 10 / 11, Mac OSX, Linux		
Bit depth		
USB	1bit，16~32bit	
Optical / Coaxial	1bit，16~24bit	
Sampling rate		
USB	PCM	44.1~768kHz
	DSD	2.8224~11.2896MHz
Optical / Coaxial	PCM	44.1~192kHz
	DSD	DSD64(DoP)
Others:		
Power Consumption	40W(normal volume)	
Size	243X42X177mm(WxHxD)	
Weight	1.62kg / 3.57lbs	

Specifications are subject to change without notice.

Remote control

Note:

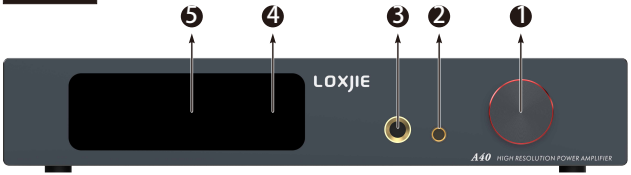
- If the operation does not work even when the remote control is very close to the unit, please replace it with a new battery.
- If you do not want to use the remote control for a long time, please remove the batteries of the remote control.
- Dispose of used batteries in accordance with local regulations for battery disposal.
- Please use 2 AAA batteries for the remote control.
- Remote control operating distance: 5-8 meters.

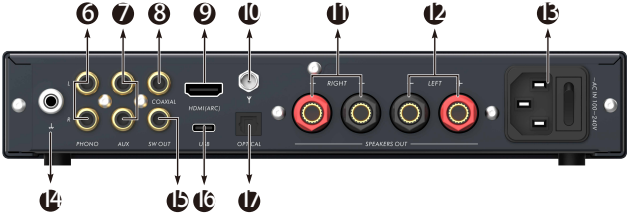


How to use Bluetooth:

1. Connection: switch the input source to Bluetooth, turn on the Bluetooth function of the mobile phone, search **"LOXJIE A40"**, and click Connect after searching. When the mobile phone displays "connected", the connection is successful.

Parts





1. Function knob
   PRESS to enter the menu;
   HOLD to exit the menu;
   ROTATE to change the value or volume.
2. 4.4mm headphone jack
3. 6.35mm headphone jack
4. Remote window
5. Display screen
6. PHONO input
7. LINE input
8. Coaxial input
9. HDMI(ARC) input
10. Bluetooth antenna
11. Right channel output
12. Left channel output
13. AC Power Input (100~240v AC)
14. Grounding
15. SW out
16. USB input
17. Optical input

***Bluetooth pairing:** Open Bluetooth pairing on your cell phone, search and select "LOXJIE A40", if the cell phone displays "Connected", it means the pairing is successful.If the pairing is not successful, please operate the Bluetooth clear function to clear the Bluetooth that A40 was connected to before, and then retry.

****Equipment speaker output:** Please pay attention to the polarity when connecting the speaker, it must be in accordance with the polarity labeled by the product, so as not to affect the sound quality!

Function and operation instructions

INPUT SETTING

- USB audio
- Optical
- Coaxial
- Bluetooth
- ARC IN
- AUX IN
- PHONO

OUTPUT SETTING

- Speakers
- Headphones

EQ:

- Direct
- Tone
- Double Bass
- Bass
- Super bass
- Rock
- Soft
- Clear

Function and operation instructions

Bass adjustment range:

- -9dB ~ +9dB

  When the EQ mode is Direct or other EQ mode, changing the Bass will change the EQ to Tone mode.

Treble adjustment range:

- -9dB ~ +9dB

  When the EQ mode is Direct or other EQ mode, changing the Treble will change the EQ to Tone mode.

FILTER:

- Fast and Low-latency filter
- Fast and Phase-compensated filter
- Slow and Low-latency filter
- Slow and Phase -compensated filter
- Nonoversampling filter

COLOR:

- White
- Red
- Green
- Blue
- Yellow
- Cyan
- Orange
- Purple

Function and operation instructions

BT clear:

- Turn to clear
  (Press the remote control up and down buttons or turn the knob to clear the current Bluetooth paired device)

DIMMER:

- Always on(Always on)
- Auto off(automatically turns off the screen after 5 seconds of inactivity)

Restore Factory Settings :
Connect the power cord when pressing the power button, until the screen shows the logo. Then stop pressing and restart the unit .

About MQA

MQA (Master Quality Authenticated) is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. The A40 includes MQA technology, which enables you to playback MQA audio files and streams, delivering the sound of the original master recording.
Visit How it works https://www.mqa.co.uk/how-it-works for more information.

How to play MQA

- A40 supports MQA decoding with USB, optical fiber and coaxial!
- A40's MQA playback does not require the use of special playback software, such as foobar2000, Audirvanaplus only needs to support ASIO or WASAPI audio output, and when playing MQA audio, it is best to adjust the volume of the computer to the maximum,so that the audio output of the computer is in the best condition.
- When playing an MQA file, the sampling rate of the original master recording is displayed.

MQA and the Sound Wave Device are registered trade marks of MQA Limited.© 2016

Notes on playing MQA-CD

- Please make sure that what is being played is a genuine MQA-CD.
- Verify that the optical or coaxial signal output of the CD player is an unprocessed source code.