



The Power of Original Sound

LP1

Linear Power Supply



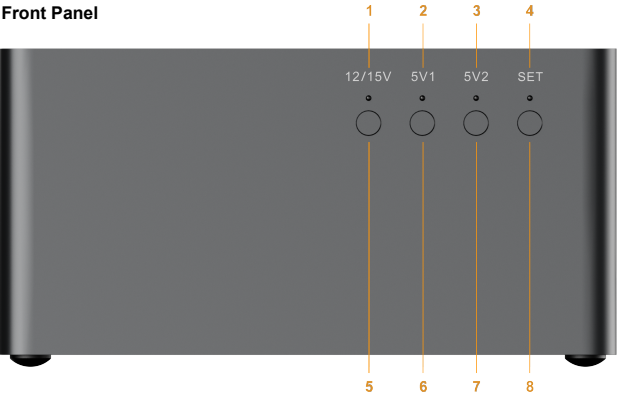
User Manual V1.0

Feb. 2022

01 OVERVIEW

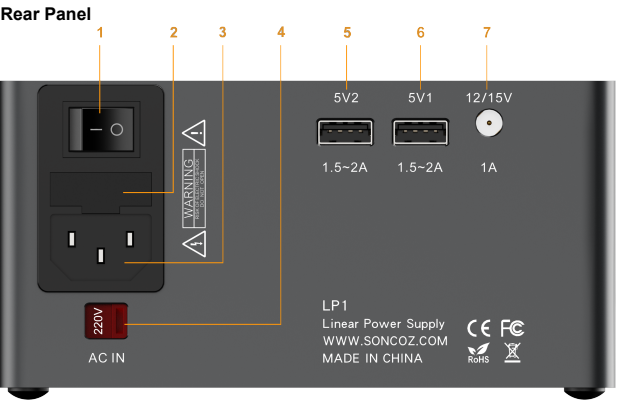
Welcome to LP1, a high-performance linear power supply developed and manufactured by SONCOZ technology in Shenzhen, PRC. Please take a few moments to familiarize yourself with its operation.

Front Panel



- | | |
|--------------------------------------|----------------------------|
| 1 12/15V output indicator | 2 5V1 output indicator |
| 3 5V2 output indicator | 4 Timing indicator |
| 5 12/15V output on/off/switch button | 6 5V1 output on/off button |
| 7 5V2 output on/off button | 8 Setting button |

Rear Panel



- 1 Power switch
- 2 Fuse: Include backup fuse
- 3 AC power input connector: Please use our customized three-phase power cable to get the best playback quality
- 4 Voltage selector switch: Please check the correct voltage before using LP1 and the wrong voltage will damage it
 - 110V for AC 100~120V @50/60Hz
 - 220V for AC 220~240V @50/60Hz
- 5 5V2 output: 1.5~2A
- 6 5V1 output: 1.5~2A
- 7 12/15V output: 1A

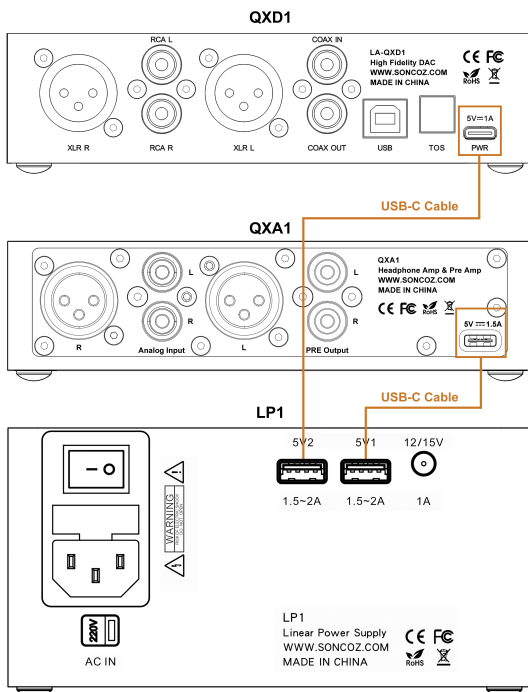
02 OPERATIONS AND SETTINGS

- 1 12/15V output on/off/switch(default: off/15V)
 - Press the “12/15V” button once, the output is on/off
 - After the output is turned on, long press the button for 3 seconds to switch, while the warm white indicator light on is 15V output; the cool white indicator light on is 12V output
 - When the current is overloaded, the indicator light flashes, the output will turn off after 3 seconds if no other operation
 - The output setting can be memorized even if the power goes off
- 2 5V1/5V2 output on/off (default: off)
 - Press the corresponding button once, the output is on/off
 - When the current is overloaded, the indicator light flashes, the output will turn off after 3 seconds if no other operation
 - The output setting can be memorized even if the power goes off
- 3 Outputs timing off
 - Long press the “SET” button for 3 seconds, the indicator light flashes, in this state, all outputs will be turned off after one hour
 - Long press the button again for 3 seconds, the indicator light starts to flash slowly , in this state, all outputs will be turned off after two hours
 - Press the button once can cancel the timing output off setting and eliminate the flashing state of the corresponding indicator when the current is overloaded (Note: If there is no other operation after eliminating the warning state, the indicator light will continue to flash after 3 seconds)

03 SPECIFICATIONS

- 1 Dimensions: 149.3mm(W) x 87mm(D) x 74mm(H)
- 2 Weight: 1300g
- 3 Power input: AC~110/220V
 - Warning: Please check and select your local voltage level
- 4 Power output: USB-A X 2、DC(5.5/2.5) X 1
- 5 Power consumption: <45W
- 6 Power output noise floor: <20 μ Vrms
- 7 Output power:
 - DC12/15V@1A + DC5V@1A + DC5V@2A
 - DC12/15V@1A + DC5V@1.5A + DC5V@1.5A
 - DC12/15V@1A + DC5V@2A + DC5V@1A

04 TYPICAL APPLICATIONS



05 CONTENTS LIST

- | | |
|--------------------------------------|----------------------|
| 1 LP1 X 1 | 2 AC power cable X 1 |
| 3 DC5.5X2.5 to DC5.5X2.1 adapter X 1 | 4 User's manual X 1 |
-

06 FAQs

Q1: Can the three power outputs work at the same time?

A1: Yes.

Q2: How to switch between 12V and 15V output?

A2: Press the "12V/15V" button once and the output is turned on, then long press the button for 3 seconds to switch, while the warm white indicator light on is 15V output; the cool white indicator light on is 12V output.

Q3: What is the maximum output current of 5V USB ?

A3: $5V1+5V2=3A$

Q4: Does LP1 have a memory function?

A4: Yes. The last state(on/off) of all outputs will be memorized after power off.

Q5: How to cancel the timing off output?

A5: Press the "SET" button once or power off.

Q6: Why does the output indicator light suddenly flash?

A6: When the current is overloaded, the corresponding output indicator will flash, and this output will be turned off after three seconds.

Q7: Which products of SONCOZ can be powered by LP1?

A7: QXD1 and QXA1.



Q8: More product information, after-sales service, contact us?

A8: Official website: www.soncoz.com



SONCOZ[®]

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LP1

线性电源



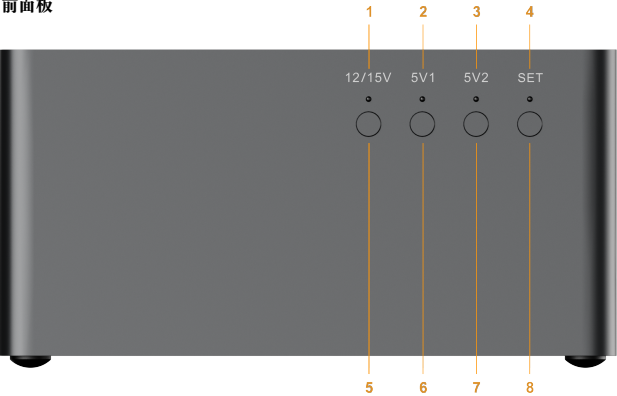
用户手册 V1.0

2022年2月

01 概述

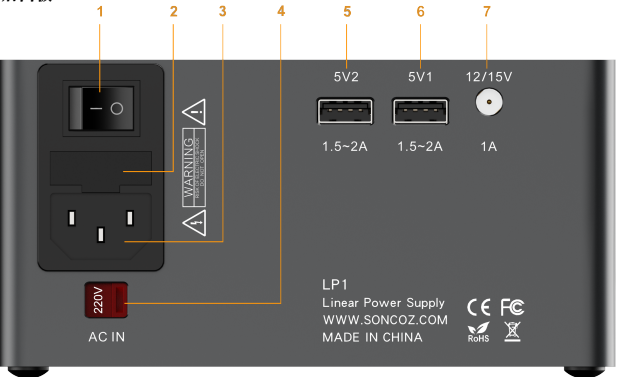
LP1是一款由松果音视（深圳）科技有限公司（SONCOZ）开发设计与制造的高性能线性电源。我们花几分钟时间来熟悉它的操作。

前面板



- | | |
|--------------------|--------------|
| 1 12/15V输出指示灯 | 2 5V1输出指示灯 |
| 3 5V2输出指示灯 | 4 定时指示灯 |
| 5 12/15V输出开/关/切换按键 | 6 5V1输出开/关按键 |
| 7 5V2输出开/关按键 | 8 设置按键 |

后面板



- 1 电源开关
- 2 保险丝：内含备用保险丝
- 3 AC交流电源输入接口
- 4 电压等级选择开关：在LP1开机之前请检查并确认正确的电压等级，错误的电压等级会毁坏LP1
 - 110V档位：交流100~120V @50/60Hz
 - 220V档位：交流220~240V @50/60Hz
- 5 5V2输出：1.5~2A
- 6 5V1输出：1.5~2A
- 7 12/15V输出：1A

02 操作和设置

- 1 12/15V输出开/关/切换（默认：关/15V）
 - 单击“12/15V”按键，输出开启/关闭，
 - 输出开启后长按按键3秒切换输出，暖白色指示灯亮为15V输出；冷白色指示灯亮为12V输出
 - 当输出电流过载时，对应指示灯开始闪烁预警，无其他操作3秒后该输出关闭
 - 输出设置在掉电后能被记忆，下次开机恢复关机前设置的状态
- 2 5V1/5V2输出开/关（默认：关）
 - 单击对应按键，输出开启/关闭
 - 当输出电流过载时，对应指示灯开始闪烁预警，无其他操作3秒后该输出关闭
 - 输出设置在掉电后能被记忆，下次开机恢复关机前设置的状态
- 3 输出定时关闭
 - 长按设置按键3秒，指示灯开始闪烁，此状态下，所有输出将在1小时后关闭
 - 再次长按设置按键3秒，指示灯开始缓慢闪烁，此状态下，所有输出将在2小时后关闭
 - 单击设置按键取消定时关闭输出设置以及清除电流过载时相应指示灯闪烁的预警状态（注：清除预警状态后如无其他操作，3秒后继续闪烁预警）

03 规格

1 尺寸: 149.3mm (宽) x 87mm (深) x 74mm (高)

2 重量: 1300g

3 电源输入: 交流~110/220V @50/60Hz

- 警告: 请选择并检查您当地的电压等级

4 电源输出: USB-A X 2、DC(5.5/2.5) X 1

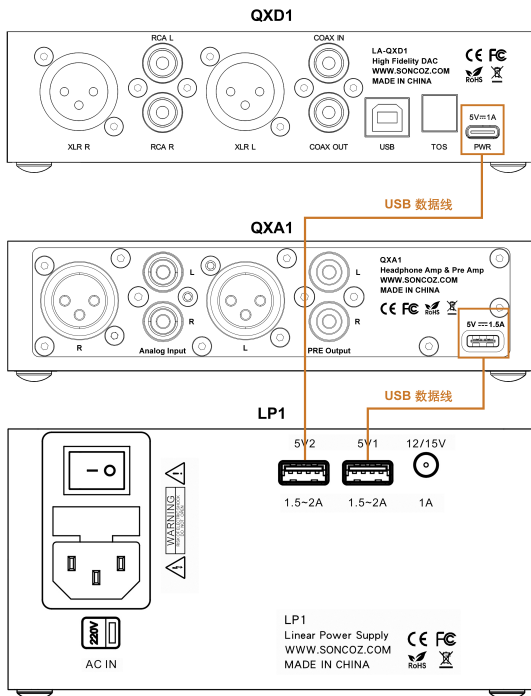
5 功率消耗: 小于45W

6 电源输出底噪: 小于20 μ Vrms

7 输出功率:

- DC12/15V@1A + DC5V@1A + DC5V@2A
- DC12/15V@1A + DC5V@1.5A + DC5V@1.5A
- DC12/15V@1A + DC5V@2A + DC5V@1A

04 典型应用



05 包装内容

- | | |
|-------------------------------|--------------|
| 1 LP1 X 1 | 2 AC 电源线 X 1 |
| 3 DC5.5X2.5转DC5.5X2.1 转接器 X 1 | 4 用户手册 X 1 |
-

06 常见问答

问1：三个电源输出能同时工作吗？

答1：可以，也可以分别选择开启或者关闭。

问2：DC12V/15V输出如何切换？

答2：单击“12V/15V” 按键开启输出；输出开启后长按按键三秒切换输出，暖白色指示灯亮为15V输出，冷白色指示灯亮为12V输出。

问3：5V USB的最大输出电流是多少？

答3：5V1+5V2=3A

问4：LP1有记忆功能吗？

答4：有，所有输出的最后状态（开/关）在断电后会被记忆。

问5：如何取消定时关闭输出？

答5：单击“SET”键或关机。

问6：为什么输出指示灯会突然开始闪烁？

答6：输出电流过载时，对应的指示灯会闪烁，并且此路输出将在三秒后关闭。

问7：LP1可以为SONCOZ的哪些产品供电？

答7：QXD1和QXA1。



问8：更多的产品信息、售后服务、联系我们？

答8：官方网站：www.soncoz.cn