

S.M.S.L



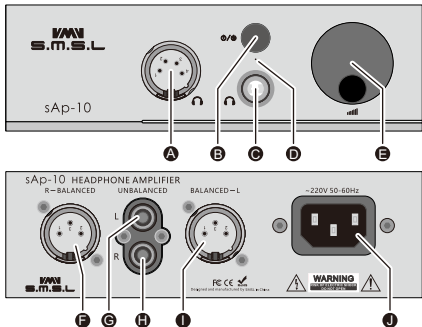
sAp-10

Shenzhen ShuangMuSanLin Electronics Co., Ltd.

Features

- 1 Built-in high-efficiency and low-vibration TRIAD transformer from USA to power the amplifier sufficiently.
- 2 With linear power supply and also powering by couples of ultra-low noise LDO for best performance.
- 3 Using two pieces TPA6120A2 from TI as amplifier chip, ultra-high voltageswing and Supreme dynamic response.
- 4 Full-Balanced circuit design.
- 5 Three pin XLR balanced input and four pin XLR balanced output to enable to work with balanced input source and balanced headphones.
- 6 Using a lot of audiophile resistor and capacitor specialized for audio products.
- 7 Build-in MCU, and using relay the lossless way to mute system.

Parts Name



- A** Four pin XLR, Balanced headphones output jack.
- B** Function key: Hold to turn on/off, Press to input-switches.
- C** 6.35mm unbalanced headphones output jack.
- D** Red: Standby
Blue: RCA input
Purple: XLR input
- E** Volume control
- F** XLR right-channel input jack
- G** RCA left-channel input jack
- H** RCA right-channel input jack
- I** XLR left-channel input jack
- J** Power input

Specification

Input: RCA/XLR
 THD+N: 0.002%
 SNR: 104dB

Headphones amplifier output power: (@THD=0.1%)

Balanced:	32Ω	660mW
	300Ω	170mW
Unbalanced:	32Ω	275mW
	300Ω	48m

Warning:

- Balanced output and un-balanced output can not use at the same time.
- Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

CAUTION

There are two versions of sAp-10 differed in voltage

- AC 110V (100-120V)
- AC 220V (200-240V)

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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