

70mm

70mm

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S.M.S.L

Hi-Res
AUDIO

sAp-11

深圳市双木三林电子有限公司

产品特点

- ① 输出部分采用2个Texas instruments公司生产的高级耳机放大器TPA6120A2, 超高的电压摆幅, 极致的瞬态特性。
- ② 采用全平衡电路设计。
- ③ 设计有独立2.5mm平衡耳座输出, 方便接平衡耳塞。
- ④ 内置双木三林专利音效SDB (SMSL Dynamic Bass)。
- ⑤ 内置增益控制, 2档增益可选。
- ⑥ 内置大容量电池。

SDB介绍:

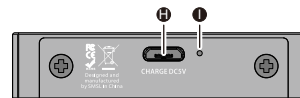
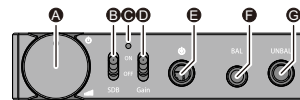
双木三林公司专业的音效, 能有效的提升声音的还原度, 此音效不只对低音进行提升。同时还会根据当前的音乐信号对高低音进行动态调节, 以达到最佳的欣赏效果!

技术参数

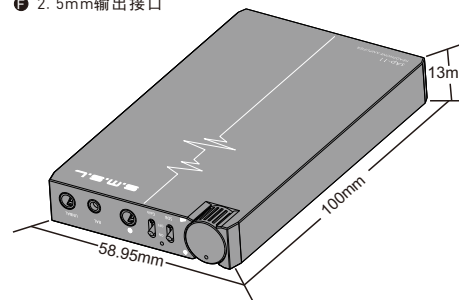
输入接口:	3.5mm	
输出接口:	3.5mm/2.5mm (4芯)	
THD+N:	0.0017%	
信噪比:	100dB	
频率响应:	10Hz~100kHz	
耳放输出功率 (@THD=0.1%)		
平衡输出	32Ω	197mW
	64Ω	160mW
	150Ω	100mW
	300Ω	58mW
非平衡输出	32Ω	77mW
	64Ω	52mW
	150Ω	27mW
	300Ω	15mW

充电电压: DC5V
 充电时间: 大约4小时 (使用5V/1A充电器充电)
 消耗功率: 800mW

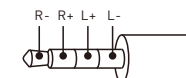
接口介绍



- | | |
|-------------|--------------|
| A 电源开关/音量调节 | G 3.5mm输出接口 |
| B SDB开关 | H 5V充电输入接口 |
| C 开机指示灯 | I 红灯闪: 低电量警告 |
| D 增益开关 | 红灯长亮: 充电中 |
| E 3.5mm输入接口 | 蓝灯长亮: 充电完成 |
| F 2.5mm输出接口 | |



2.5mm平衡耳机口定义说明



2.5mm平衡输出

警告

- 平衡输出和非平衡输出不能同时使用。
- 听力专家建议不要持续大声播放, 如果你感到耳朵不适, 请降低音量或停止使用。



仅适用于海拔2000m
以下地区安全使用。



仅适用于非热带气候
条件下安全使用。

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100mm

S.M.S.L

Hi-Res
AUDIO

sAp-11

Shenzhen ShuangMuSanLin Electronics Co., Ltd.

Features

- ① Using two pieces TPA6120A2 from TI as amplifier chip, ultra-high voltageswing and supreme dynamic response.
- ② Balanced circuit design.
- ③ 2.5mm balanced headphone output jack on front panel.
- ④ Built-in SDB sound which patented belongs to SMSL (SMSL Dynamic Bass).
- ⑤ Built-in gains on/off switch.
- ⑥ Large capacity lithium battery.

SDB:

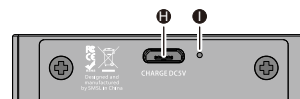
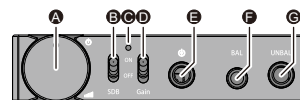
SDB sound which patented belongs to SMSL, it improves the fidelity of sound. For the best sound effects, SDB is not only improve BASS, but also will adjust dynamic for bass and treble according to Input source.

Specification

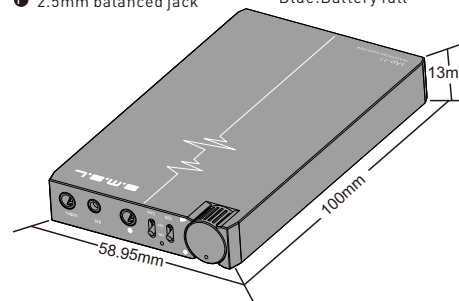
Input:	3.5mm	
Output:	3.5mm/2.5mm (4 poles)	
THD+N:	0.0017%	
SNR:	100dB	
Frequency response:	10Hz~100kHz	
Headphones amplifier output power: (@THD=0.1%)		
平衡	32Ω	197mW
	64Ω	160mW
	150Ω	100mW
	300Ω	58mW
Unbalanced	32Ω	77mW
	64Ω	52mW
	150Ω	27mW
	300Ω	15mW

Charge: DC5V
 Charging time: Approx 4 hours (Using 5V 1A power adaptor)
 Consumption power: 800mW

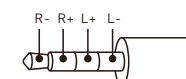
Parts Name



- | | |
|-----------------------|--|
| A Power /Volume knob | G 3.5mm unbalanced jack |
| B SDB sound on/off | H 5V charging input jack |
| C Power indicator | I Red LED blinking when battery is low |
| D Gain switch | RED:Charging |
| E 3.5mm input jack | Blue:Battery full |
| F 2.5mm balanced jack | |



2.5mm balanced headphone jack illustration



2.5mm balanced output

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.



Safe use only under
elevation 2000m.



Safe use only in the non-
tropical climate conditions.

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100mm