



注意事项

为了减少发生火灾或触电的危险,请勿让本装置淋湿或有水。不要将本机安装在能产生静电或可燃物堆积不高的地方。为了防火,请让装置处在有良好通风的环境下。也不可在装置上点烟或放置香薰。

为了防止火灾,切勿将本装置安装在带有易燃液体的物体上。

有触电危险! 严禁拆卸。

内部没有维修配件,维修请咨询具备资格专业人士。为防止触电,请勿拆卸外壳。维修请咨询具备资格专业人士。不要在安全环境下拆卸耳机。

由于电子产品自身的特性,建议用户在使用半年后将耳机取下用酒精清洗,这样有助于声音提升。

T1 特点

1. 使用目前顶级的方案CS632A+AKM AK4490, USB采样率PCM最大支持到384kHz, DSD512超解;

2. 为了减少发热对解码部分的影响,全铝结构采用了分离式设计,减少温漂和干扰;

3. 数字化的解码器采用老式管子设计,温漂的匹配配合多年积累的解码设计能力,声音温暖;

4. 人性化的程序控制,内置温度保护,避免开/关机冲击声,保护耳朵和设备;

5. 高品质独立设计,可以作为单独的解码/功放使用;

6. 内置超大功率,方便您听音乐和看电影;

7. USB支持7.1声道PCM输入,加上精心调校的PCA/平衡放大器,更好对前置的设备;

技术参数

• 输入方式: USB/光纤/同轴/模拟
• THD+N: DAC out: 0.001%, DAC out: 0.017%
• 动态范围: 118dB
• 谐波比: DAC out: 107dB, DAC out: 94dB
• USB传输模式: 异步传输
• USB兼容性: Windows XP/7/8/10, Mac OS X 10.6.5以上
• 位深: USB: 16bit-32bit/1bit, 光纤/同轴: 16bit-24bit
• 采样率: USB PCM: 44.1KHz-384KHz, USB DSD: 6.852MHz-5.6448MHz, 11.2896MHz-22.5792MHz, 44.1KHz-192KHz
• 耳放输出功率: 32欧 58mW@THD=0.1%, 64欧 64mW@THD=0.1%, 150欧 58mW@THD=0.1%, 300欧 42mW@THD=0.1%
• DAC输出电平: 2Vrms
• 功耗功率: 11.6W
• 待机功率: 1.4W

部件介绍

A 音量旋钮
B 电源状态指示灯
C 红色(待机),蓝色(待机中),黄色(开机)
D 电容前置/输出切换
E DSD/PCM输入/输出切换
F 输出状态指示灯
G 输入/输出切换
H 输入/输出切换
I 耳机插孔
J+K 耳机输入
L USB输入
M 光纤输入
N 同轴输入
O+P 同轴输入
Q+R 前置输入
S: 2.4V 直流电源输入

注: 黄色灯(待机中)时间为一分钟

输入连接

电脑/数字媒体播放器
安装了碟播放器的计算机

CD/DVD/BD播放器

DAC输出

注: 输出接口可以连接功放,耳机,有源音箱等。

6.5mm耳机输出

注: 可使用16-300欧姆阻抗范围内的耳机。

前级输出

注: 输出音量可变。

(不带音量控制的可有源音箱)

T1 USB驱动安装

安装前必读:
本软件只适用于Windows 7, 8/8.1/10的用户! 苹果Mac OS X的用户无需安装本驱动程序!
安装步骤:
1. 打开“控制面板”,并打开“硬件和设备”。

2. 打开“设备管理器”,并右键单击“更新驱动程序”。

3. 选择“浏览计算机以查找驱动程序软件”。

4. 在打开的浏览文件夹中找到驱动程序光盘中的“T1”,并选择您所使用的系统的驱动程序。

5. 完成驱动安装。

6. 完成驱动的安装后,可以看到“S.M.S.L T1”出现在“声音设备”中。

USB使用方法

一、回到桌面,右键单击右下角喇叭图标,并选择“播放设备”。

二、打开了“声音”,并将“S.M.S.L T1”设置为默认设备,至此S.M.S.L T1已经成为了Windows的默认播放设备,Windows的所有声音都会从S.M.S.L T1中发出!

T1 DSD格式播放说明

1. 安装前必读:
本驱动为网上开源资源,仅供爱好者使用!
使用Foobar2000播放DSD文件需要安装以下两个插件,这两个插件在光盘中有提供。

2. 在DSD插件文件夹中双击“ASIOProxyInstall-0.7.1.2.exe”打开安装。

4. 安装完成,选择“close”。

3. Browse...选择安装路径(使用默认),再选择“Install”。

在DSD插件文件夹中双击“foo_inpt_sacd_fb2k-component”一体机(蓝)、“声道”OK外“foo_out_sasio”声道(WASAP)使用软件的安装方式,更新软件请查看Foobar2000官方网站: www.foobar2000.org/download

2. 按新Files->Preference->Playback->Output->ASIO->ASIO device"勾选“foo_sasio”。

DSD播放设置 注意:
播放的音量设置应为最大,否则会影响DSD信号输出!
1. 打开Foobar2000,按新Files->Preference->Playback->Output->Device"勾选“ASIOfoo_dsd_sasio”。

注:foo_dsd_sasio的设置,设备根据机型的不同,选择不同方式,具体如下:

3. 按新Files->Preference->Tools->SACD,将“ASIO Driver Mode”设置为“DSD”其它设置按照下图。

保修条款

一、服务期限
深圳市技术三林电子有限公司承诺产品的良好品质,产品自售出之日起,七天内正常使用情况下出现故障,客户可以选择退货或者保修(不影响二次销售才可以退货);正常使用一年内出现故障可以免费保修。
二、购买日期以销售商开具的购物发票日期为准,网购可以凭交易截图为准。
三、有以下情况都不能享受“三包”服务:
(1)一切人为因素损坏,包括非正常工作环境下使用或不按说明书使用;
(2)用户私自拆卸、改装、维修;
(3)实际购买时购买的配件造成损坏的;
(4)机身的CD或保修贴损坏的;
(5)不能出示有效购物凭证;
四、保修方式为送修
此款产品适用于中国大陆,其他地区请咨询当地经销商代理商的规定和国家法律法规。

warning

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. In case of destroying your headphone Please set the lowest volume when you plug with headphone. Using headphones at safe circumstance. Do not use headphones for a long time to avoid harm your hearing. As features of vacuum tube itself. We suggest user clear it by alcohol every half year it will improve sound quality.

T1 Features:

1. Use the top-class CS632A+AKM AK4490 program. USB sampling rate/PCM can support up to 384kHz, DSD512.

2. To avoid effecting decoding part from heated vacuum tube. All aluminum structure cabinet adopts isolated design which reduces temperature drift and interference.

3. Design from modern DAC with old-fashion vacuum tube. With an experienced engineering team and soft vacuum tube. That all makes T1 with beautiful sound quality.

4. Humanized programme-control and built-in repy protection to avoid impulsive sound from power on/off. That also protect hearing and device.

5. High quality independent design. T1 can use as independent DAC or amplifier.

6. Pie amp function make easy to connect with active speaker or amplifier.

7. To meet with various connection requirements. T1 features with USB, Optical, Coaxial, RCA analog four kinds of input jacks and headphone jack. Decoding PCA. Pie amp output jacks.

Specifications

• Input: USB/Optical/Coaxial/Angloe
• THD+N: DAC out: 0.001%, DAC out: 0.017%
• Dynamic Range: 118dB
• SINR: DAC out: 107dB, DAC out: 94dB
• USB transfer mode: Asynchronous transmission
• USB compatibility: Windows XP/7/8/10, Mac OS X 10.6.5 above
• Bit depth: USB: 16bit-32bit/1bit, Optical/Coaxial: 16bit-24bit
• Sampling rate: USB PCM: 44.1KHz-384KHz, USB DSD: 2.852MHz, 5.6448MHz, 11.2896MHz, 22.5792MHz, Optical/Coaxial: 44.1KHz-192KHz
• headphone amplifier output: 32Ω 58mW@THD=0.1%, 64Ω 64mW@THD=0.1%, 150Ω 58mW@THD=0.1%, 300Ω 42mW@THD=0.1%
• DAC output level: 2Vrms
• Power consumption: 11.6W
• Standby Power: 1.4W

Part Names and Functions

A Volume knob
B Power LED
C Power button/output switch
D DSD LED
E 6.5mm headphone output jack
F Output mode LED
G Input source switch button
H Input source LED/volume knob
I Vacuum tube
J+K Analog input
L USB input
M Optical input
N Coaxial input
O+P: The decoding output
Q+R: Pre Output
S: 2.4V Dc power input

Part Names and Functions

Function introduction:
A: Turn Volume clockwise to increase the Volume or counter-clockwise to decrease the volume.
B: Red LED (Standby), Blue LED (Flashing on startup), Blue LED (Power on)
C: Long press-power on/off, Short press-input source switch (Pieamp/Headphone)
D: Suitable for 16-300ohm resistance headphone
E: Blue LED (Headphone), Red LED (Pieamp)
F: Short press for switching
G: Red LED (Optical input), Green LED (USB input), Blue LED (Coaxial input), White LED (Analog input)
H: Design is able to change by using 6922EH/6N11 Vacuum tube

Note: Blue LED flashing (on startup) will last around one minute.

Input connection

Computer/digital media player
Computer installed with media player

CD/DVD/BD Player

Digital Audio

Digital/Analog equipment

DAC Output

NOTE:
The input jack can connect with amplifier, headphone amplifier and active speaker.
(Headphone amplifier)

6.5mm headphone output
Note: Suitable with headphone specification from 16ohm to 300ohm.

Pre Output:
Note: Output volume is controllable

(Active speaker without volume control)

T1 USB driver installation

read before installation:
Following file is suitable only for windows 7/8/8.1/10/USER. Mac OS X users needn't to install this driver.
Installation steps:
1. click "control panel" and also click "hardware and sound"

2. Open "device manager", and then right click to open "update driver software"

设备管理器

硬件和设备

更新驱动程序

浏览计算机以查找驱动程序软件

找到驱动程序

3. Select "Browse the computer to find the driver software"

浏览计算机以查找驱动程序软件

4. Finding driver disc "T1" from "browse folder", then select driver file for The system you are using.

浏览文件夹

找到驱动程序

5. Driver installation finished.

更新驱动程序软件 - S.M.S.L T1

Windows 已经成功地更新驱动程序软件

USB Audio Class 1.0 and 2.0 DAC Device Driver

6. S.M.S.L T1 will be listed in "sound device"

设备管理器

声音设备

S.M.S.L T1

USB usage:

1. Back to home page right-click on speaker icon on right bottom. Selected "playback device"

声音

播放设备

S.M.S.L T1

T1 DSD file playback

1. Read before installation
This driver is network shareware belong to owner!
Using foobar2000 play DSD format files need following two plug-in-two the plug-in are provided in disk.

After installing foobar2000, the icon of components became foobar style.

This instruction only suitable for windows XP/7/8/8.1/10/USER. Mac OS X user needn't install this driver

2. Installation steps
Install DSD plug-in
Double click "ASIOProxyInstall-0.7.1.2.exe" under "DSD plug-in" folder and then install it.

2. Open "SOUND 1" as default device after that S.M.S.L T1 will be as default audio device for windows. All sound output from windows will be amplified from S.M.S.L T1.

更新驱动程序软件 - S.M.S.L T1

Windows 已经成功地更新驱动程序软件

USB Audio Class 1.0 and 2.0 DAC Device Driver

3. Select installation route (using default route), and click "Install"

ASIO Proxy for Foobar2000 Setup Installation Opt...

安装

2. Find out "Files->Preference->Playback->Output->ASIO->ASIO device" Double click "foo_dsd_sasio"

文件

偏好设置

播放

输出

ASIO

ASIO 设备

foo_dsd_sasio

4. Installation finished, click "Close"

ASIO Proxy for Foobar2000 Setup Completed

关闭

3. Files->Preference->Tools->SACD, Set DSD under "ASIO Driver Mode" other settings check below picture.

文件

偏好设置

工具

SACD

ASIO 驱动程序模式

DSD

DSD playback setting:
Note: please set the system volume to MAX when playing DSD Music.
1. Open foobar2000 and find out "Files->Preference->Playback->output ->Device" set as "ASIO:foo_dsd_sasio"

Warranty terms

(1) The term of service
shenzhen shuang MaXunian Electronics Co. LTD promise good quality products. fproduct is defective only by normal use within 7 days after purchasing. the customer can choose to return or repair warranty (does not affect the secondary sales after they can return) Faulty for free within one year warranty normal use

(2) Date of purchase, online shopping with invoice date or receipt date issued by enter online shopping can cut trade shots

(3) Following situation can not enjoy "ThreeGuarantees" service:
a. All damages by human factors including use it under non-normal working environment and not follow manual instructions.
b. User privately disassemble, modification, maintenance;
c. Use non-designated or approved accessories cause damage;
d. QC or warranty stickers damage on cabinet;
e. Can not provide a valid purchasing prove;
f. Not belong to S.M.S.L products.
(4) How to warranty
This terms only suitable for china mainland other region please refer to the policy of the local sales agents and national regulations.

3. Files->Preference->Tools->SACD, Set DSD under "ASIO Driver Mode" other settings check below picture.

Warranty terms