

TOPPING

Centaurus

使用手册 

User Manual 

説明書 

Model: TP536
V1.0

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1. 包装内物品清单

Centaurus主机	x 1
遥控器	x 1
USB数据线	x 1
AC电源线	x 1
蓝牙天线	x 1
产品信息卡	x 1

说明：TOPPING产品的驱动可以到<https://www.toppingaudio.com/zh/downloads>上下载。

2. 产品基本属性

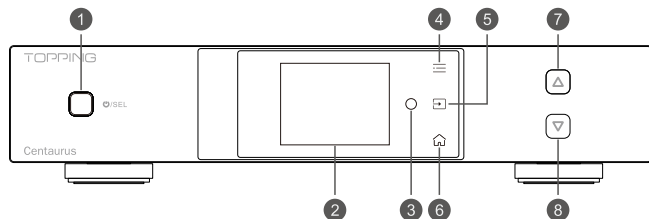
尺寸	22.2cm x 16.0cm x 4.5cm
单机重量	1.13Kg
电源	100-240VAC 50Hz/60Hz
输入接口	USB/BT/OPT/IIS/AES/COAX
Line Out 输出接口	XLR/RCA
其他控制接口	12V触发输入（3.5mm插座）
	12V触发输出（3.5mm插座）
蓝牙接收距离	>10米
显示	2.0寸LCD彩屏
待机功耗	<1.7W
正常工作功耗	<6.5W

3. 支持规格

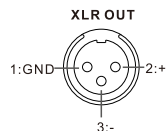
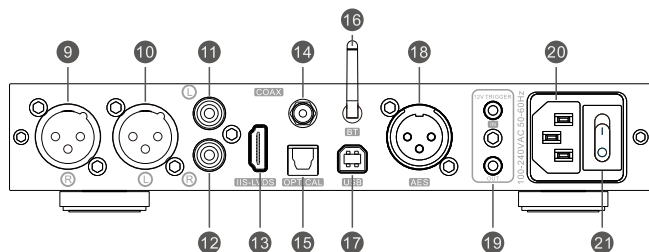
USB IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ 44.1kHz-192kHz/16bit-24bit
IIS IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ 44.1kHz-192kHz/16bit-24bit
COAX/OPT/AES IN	PCM 44.1kHz-192kHz/16bit-24bit
	DSD DSD64 (DoP)
	PEQ 44.1kHz-192kHz/16bit-24bit
BT IN	AAC/SBC/APTX/APTX HD/APTX-Adaptive/LDAC
	PEQ 44.1kHz-96kHz/16bit-24bit

4. 部件与名称

前面板



后面板



1. 电源开关/选择
短按开机，长按待机。开机时短按的功能可自定义，请于设置菜单中进行设置[设置菜单-高级-按键]

2. 显示屏

3. 遥控接收器

4. 菜单

于本说明书的“5. 设置菜单”有详细说明

5. 输入切换

6. 主页界面选择

7. 音量+

8. 音量-

9. XLR平衡输出右

10. XLR平衡输出左

11. RCA单端输出左

12. RCA单端输出右

13. IIS输入

14. 同轴输入

15. 光纤输入

16. 蓝牙输入

17. USB输入

18. AES输入

19. 12V触发输入/输出（3.5mm接口）

当两个或多个配备12V Trigger接口的设备连接，可实现同步开机/待机。

Trigger In所连接的上游设备可控制Centaurus开机/待机，Centaurus可控制

Trigger Out所连接的下游设备开机/待机。

* 注意使用Centaurus的Trigger IN功能时，需要按压遥控AUTO按键将开关机触发设置为“12V”

20. 电源输入（AC 100-240V 50Hz/60Hz）

21. 电源开关

显示说明

主页显示有三种：常规，VU和FFT，可以通过按压前面板  按键进行切换，或者可在菜单中进行设置[设置菜单-显示-主页]。

于[设置菜单-高级-解码模式]可设置前级模式和DAC模式，Centaurus前级模式下音量可调，DAC模式下保持最大音量输出，音量不可调。另外在主页显示上也有些许不同。

前级模式



常规



FFT

DAC模式



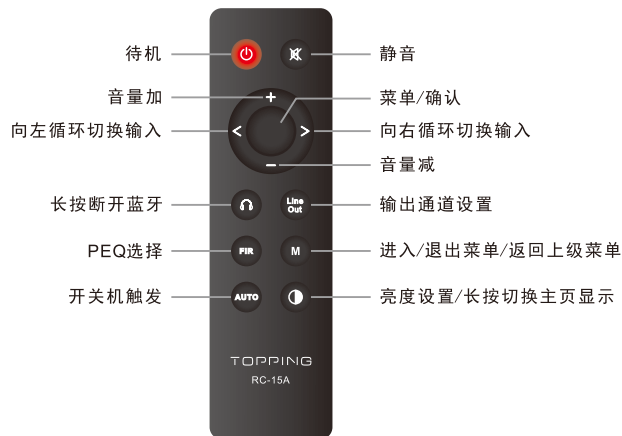
常规



FFT

*VU表，VU条和FFT反应当前输入下Centaurus的输出幅值。（不受音量控制影响）
Centaurus输出模式有三种：单端，平衡和全部 [设置菜单-输出选择]。单端输出时，VU表，VU条和FFT指示RCA的输出幅值；平衡和全部输出时，指示XLR的输出幅值。
*VU表，VU条和FFT不支持DSD512。

遥控器说明



FIR

于“设置菜单”的“5.PEQ配置”中有详细说明

AUTO

于“设置菜单”的“4.开关机触发”中有详细说明

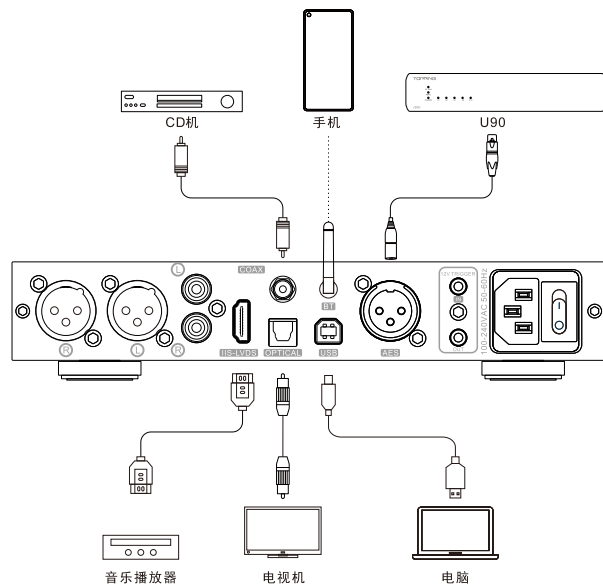
!

于“设置菜单”的“1-3亮度”中有详细说明

5. 连接

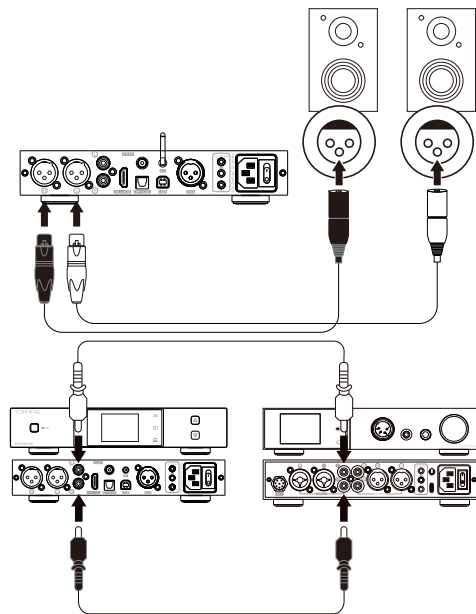
连接输入源

共6类输入接口可供选择：IIS、USB、光纤、同轴、蓝牙和AES。



连接放大器或有源音箱

使用RCA或XLR线缆连接至放大器或有源音箱，连接前请先关闭放大器或有源音箱，以免损坏设备。



6. 操作说明

开关机/待机操作

(1) 开关机

打开或者关闭后面板的电源开关，即可实现Centaurs的开关机。

(2) 待机、退出待机设置

使用前面板左侧的电源按键，短按开机，长按待机。亦可使用遥控器。

音量设置

(1) 静音状态的进入与退出

按压遥控器上的静音按键可以设置Centaurs输出为静音状态，重新按压静音按键或调节音量大小即可退出静音状态。

(2) 音量大小调节

使用面板上的  或  按键，或者遥控器上的  或  按键可以调节Centaurs的音量。注意长按遥控器上的  或  按键会快速调节音量，要小心操作以保护听力。

特别说明：在DAC模式下，音量固定为0dB，音量大小调节无效。[设置菜单-高级-解码模式]

输入通道切换

按压前面板的  按键或者遥控上的  或  按键即可依次循环切换输入。

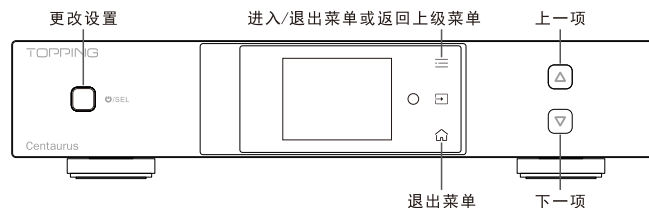
输出通道切换

按压遥控上的  按键即可依次循环切换输出。亦可通过按压前面板的  按键切换输出通道，但注意需要将[设置菜单-高级-按钮]设置为“输出选择”（默认）。

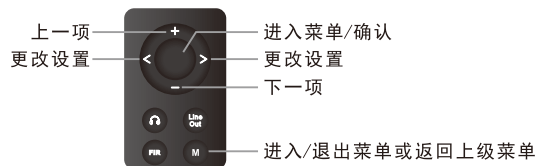
7. 设置菜单

进入菜单和更改设置

使用前面板按键



使用遥控器



菜单全览



1. 显示

1-1 主题

多种主题可供选择，默认极光

1-2 主页

选择主页显示界面
常规（默认）、VU、FFT

1-3 亮度

低、中（默认）、高、自动
自动的亮度与亮度中一样。不同的是，在自动模式下，
30秒无操作自动息屏，息屏时只显示当前输入，息屏
时点击任意按键即可唤醒屏幕。



1-4 经典VU 0dB

设置VU界面0dB的参考电压，如若设置为+4dBu，当指针摆动到0dB时，Centaurus的当前输出幅值就是+4dBu。

+4dBu（默认）、+10dBu

1-5 VU条

可选择打开/关闭VU条，或在单独某个主页界面显示
VU条全开（默认）、常规界面、FFT界面、全关

2. 输入选择

USB（默认）、光纤、同轴、AES、蓝牙、IIS

3. 输出选择

单端：仅RCA输出

平衡：仅XLR输出

全部：RCA和XLR同时输出（默认）

4. 开关机触发

信号：根据输入信号触发开机/关机。在一分钟内如果当前输入没接入或者当前输入信号无效时自动进入待机状态，一旦检测到任一输入存在有效信号接入就可以自动恢复正常工作状态。（默认）

12V：根据12V信号触发开机&待机。配备12V触发输出的设备连接Centaurus的触发输入后，可控制Centaurus开机/进入待机。当触发输入接口检测到12V信号从无到有时，Centaurus会自动开机；当检测到12V信号从有到无时，Centaurus自动进入待机状态。

关闭：关闭该功能

5. PEQ配置

5-1 PEQ

禁用（默认）、启用

PEQ支持规格	
USB IN	44.1kHz-192kHz/16bit-24bit
IIS IN	不支持
COAX/OPT/AES IN	44.1kHz-192kHz/16bit-24bit
BT IN	44.1kHz-96kHz/16bit-24bit

5-2 PEQ选择

NULL：没有机子配置（默认）

Unused：没有选中机子配置

1、2、3、4、5分别对应TOPPING Tune的机子配置。

注意：在TOPPING Tune上，可将本地配置的频响曲线保存到Centaurus上，Centaurus可离线使用该配置。连接TOPPING Tune时，不可在设备上切换配置。退出TOPPING Tune可在设备上切换配置。

6. 高级

6-1 通道平衡

可设置范围：C（平衡），L+0.5~9.5dB或R+0.5~9.5dB。（默认：C）

注意：使用前面板按键设置时，需要按压一下  或  按钮进入该项设置，按压  或者  按钮调节数值，再次按压  或  按钮退出该设置。

6-2 输出幅值

0dBFS时的最大输出幅值设置

4V（默认），5V

6-3 解码模式

0dBFS时的最大输出幅值设置

前级：音量可调（默认）

DAC：保持最大音量输出，音量不可调

6-4 过采样

OS：对数字信号进行过采样处理，可以减少量化误差，降低噪声，提高音频信号的信噪比和动态范围，从而改善音质。您可在下方的OS mode中设置过采样的倍数。

NOS：不对数字信号进行过采样处理，直接按照原始采样率进行解码。该模式保留了音频信号的原始特性。

Best：根据音源的采样率和解码器内部的运算能力，自动选择最佳的过采样率。（默认）

注意：Centaurus显示输入信号采样率，而非过采样后的采样率

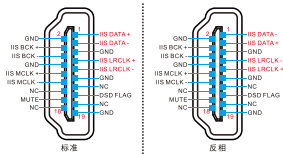
6-5 OS mode

设置过采样的倍数，过采样率=输入信号采样率的基频*倍数

1X、2X（默认）、4X、8X、16X

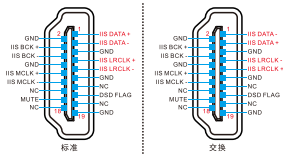
6-6 IIS相位

标准（默认）、反相



6-7 IIS DSD通道

标准（默认）、交换



6-8 蓝牙

启用（默认）、禁用

6-9 蓝牙aptX

启用（默认）、禁用

本机支持多种音频编码，设置为OFF时，可禁用APTX-Adaptive编码，使用其余编码（视手机而定）。

6-10 遥控器

启用（默认）、禁用

6-11 按键

可自定义开机时短按  的功能

输出选择（默认）、主页选择、亮度选择、息屏、静音、输入选择

6-12 USB

UAC2.0（默认）、UAC1.0

7. 语言

English、中文

8. 恢复出厂设置

选择恢复出厂设置会有弹窗，选择确定/取消（选中为蓝色），然后按压遥控中间按键或者前面板  确定选择。

8. 故障排除

若使用过程中出现问题，请通过以下链接查找相应的解决方法。

<https://www.toppingaudio.com/zh/faq>

查找方式：Window OS同时按住键盘的 Ctrl 和 F 按键（Mac OS 同时按住 command 和 F）进入搜索，输入设备型号，就能跳转到该设备的FAQ。

如果依然无法解决问题，请联系我们：service@tpdz.net

9. 注意事项

1. 不得将本机搁置在高温、潮湿的环境，更不得淋雨或者受强烈冲击。
2. 不得随意拆开机壳，如需维修应请专业维修人员处理。
3. 本机仅供室内使用。
4. 对因产品的故障而直接或间接引起的任何损失或损坏不予负责。
5. 因产品改进，规格及功能若有变动恕不另行通知。

10. 参数

Centaurus解码参数一览表 (LineOut/USB In@96kHz)		
	RCA	XLR
总谐波失真加噪声 @A-wt	<0.0003% @1kHz	<0.0003% @1kHz
总谐波失真 @No-wt 90kBW	<0.0004% @20-20kHz	<0.0004% @20-20kHz
信噪比 @A-wt	126dB @1kHz	130dB @1kHz
动态范围 @A-wt	126dB @1kHz	130dB @1kHz
频率响应	20Hz-20kHz (±0.6dB)	20Hz-20kHz (±0.6dB)
	20Hz-40kHz (±2.2dB)	20Hz-40kHz (±2.2dB)
输出幅值	2.1Vrms @0dBFS (4V Mode)	4.2Vrms @0dBFS (4V Mode)
	2.6Vrms @0dBFS (5V Mode)	5.2Vrms @0dBFS (5V Mode)
底噪 @A-wt	<1.2uVrms	<1.4uVrms
声道串扰	-121dB @1kHz	-130dB @1kHz
声道平衡度	0.3 dB	0.3 dB
输出内阻	50Ω	100Ω

*说明：以上数据均是 TOPPING 实验室在输出幅值为 4V 的模式下测试所得到的结果。

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1. Contents list

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Remote control	x 1
USB cable	x 1
AC cable	x 1
Bluetooth antenna	x 1
Product Information Card	x 1

Note: You can download the driver on <https://www.toppingaudio.com/downloads>.

2. Attribute

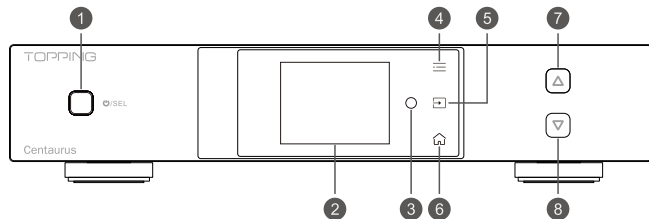
Measured	22.2cm x 16.0cm x 4.5cm
Weight	1.13Kg
Power input	100-240VAC 50Hz/60Hz
Signal input	USB/BT/OPT/IIS/AES/COAX
Line Out output	XLR/RCA
Other connectors	12V Trigger In (3.5mm jack)
	12V Trigger Out (3.5mm jack)
Bluetooth range	>10M
Display	2inch LCD
Standby power consumption	<1.7W
Power consumption	<6.5W

3. Input range

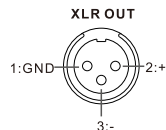
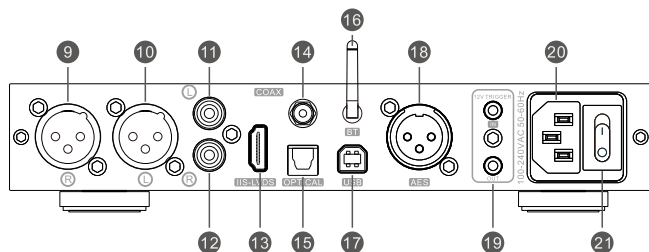
USB IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ 44.1kHz-192kHz/16bit-24bit
IIS IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
COAX/OPT/AES IN	PCM 44.1kHz-192kHz/16bit-24bit
	DSD DSD64 (DoP)
	PEQ 44.1kHz-192kHz/16bit-24bit
BT IN	AAC/SBC/APTX/APTX HD/APTX-Adaptive/LDAC
	PEQ 44.1kHz-96kHz/16bit-24bit

4. Parts and names

Front panel



Rear panel



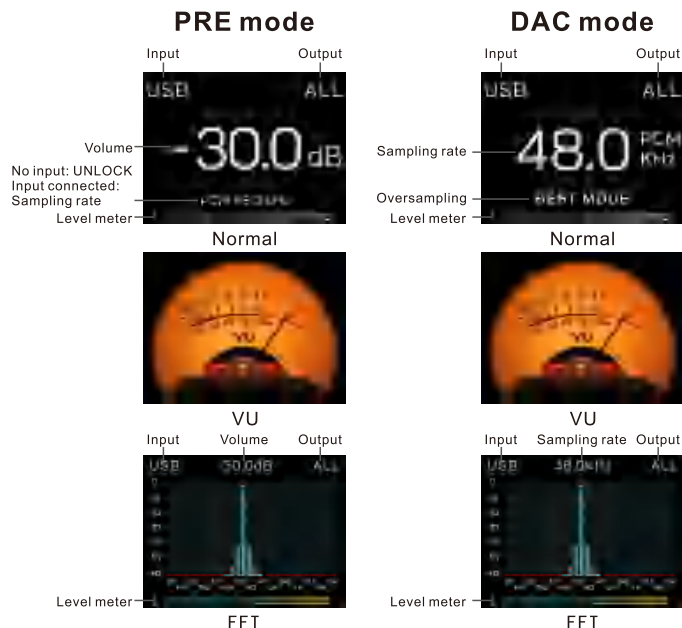
1. Power switch/SEL
Short press to power on; Press and hold to enter standby mode; The function of short press at power on can be customized. Please set it at [Setup Menu-Advanced-Button].
2. Screen
3. Remote control receiver
4. Menu
See "5. Setup Menu", below.
5. Input channel switching
6. Home page switching
7. Volume up
8. Volume down
9. Right channel balanced XLR output
10. Left channel balanced XLR output
11. Left channel single-ended RCA output
12. Right channel single-ended RCA output
13. IIS input
14. Coaxial SPDIF input
15. Optical SPDIF input
16. Bluetooth input
17. USB input
18. AES input
19. 12V Trigger IN/OUT (3.5mm jack)
The 12V Trigger IN/OUT allows the Centaurus to be activated by other devices or to activate other devices via a 3.5mm AUX cable. The upstream device connected to Trigger In can control the power on/standby of Centaurus, and the downstream device connected to Trigger Out can be controlled by Centaurus.
*Before using the Trigger IN function, you need to press the AUTO button on the remote to set the On/Off trigger mode to "12V".
20. Power input (AC 100-240V 50Hz/60Hz)
21. Power switch

Display

There are three types of home page displays: Normal, VU and FFT, which can be switched by touching the  button on the front panel or set in the menu [Setup Menu - Display - Home]. The home page display in DAC mode and PRE mode will be slightly different. [Setup menu-Advanced-DAC mode]

PRE mode: Volume is adjustable.

DAC mode: Centaurus keeps the maximum volume output and the volume is not adjustable.

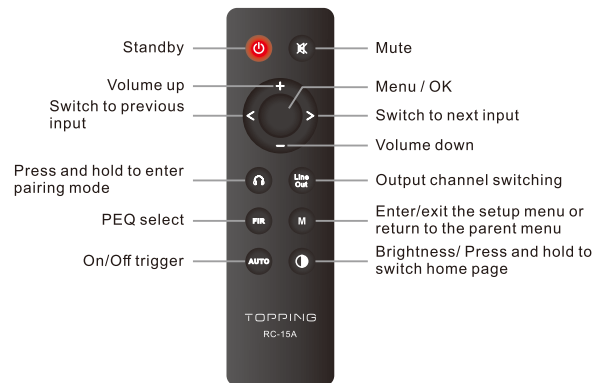


*VU Meter, FFT and Level meter monitor or reflect Centaurus's output level. (They won't be affected by the volume in PRE mode.)

Centaurus has 3 output modes: SE, BAL and ALL [Setup menu- Output select]. In SE output mode, the VU Meter, FFT and Level meter reflect RCA output level. In BAL/ALL mode, the output level of XLR is reflected.

*VU Meter, FFT and Level meter do not support DSD512.

Remote control



 PEQ

See "5. PEQ config" in the "Setup Menu", below.

 AUTO

See "4. On/Off trigger" in the "Setup Menu", below.

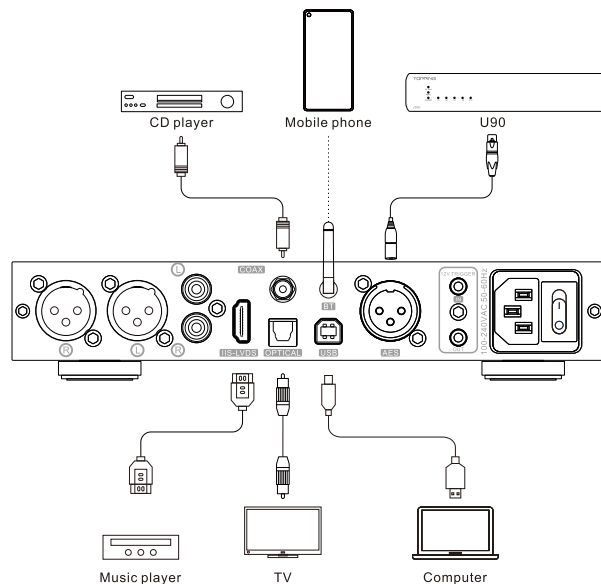
 BRIGHTNESS

See "1-3 Brightness" in the "Setup Menu", below.

5. Connection

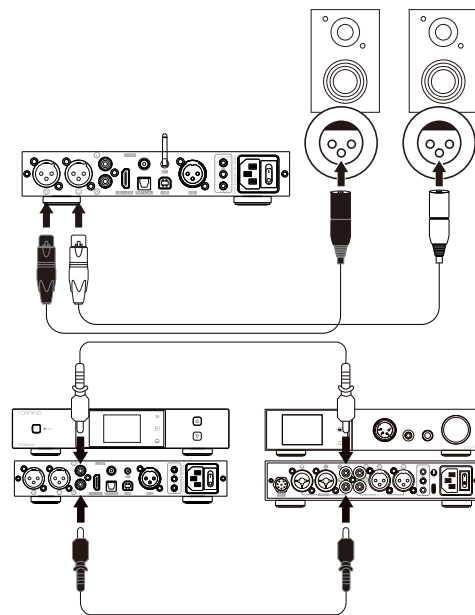
Connect to the input source

Support IIS, USB, Coaxial, Optical, Bluetooth, AES input.



Connect to amplifier or active speakers

Use XLR or RCA cables to connect to amplifiers or active speakers. In order to avoid damage to your devices, please turn off the amplifier or active speakers before you connect them to Centaurus.



6. Operation

Power on & off / standby operation

(1) Power on & off

Press the power switch on the rear panel to turn the Centaurus on or off.

(2) Standby setting

When it is working, press and hold the power button on the front panel to enter standby state and press to exit standby state when it is standby. Or you can use the remote control.

Volume setting

(1) Mute and unmute

Press the mute button on the remote control to mute Centaurus, press the mute button again or adjust the volume to exit mute state.

(2) Volume adjusting

You can press the  or  button on the front panel or press the  or  button on the remote control to adjust the volume. Note that long pressing the  or  button on the remote control will quickly change the volume, so please be careful in order to protect your hearing.

Note: Volume is fixed to 0dB in DAC mode and volume adjusting is invalid in this mode. [Setup menu-Advanced-DAC mode]

Input channel switching

Touch the  button on the front panel or press the  or  button on the remote control to switch the input circularly.

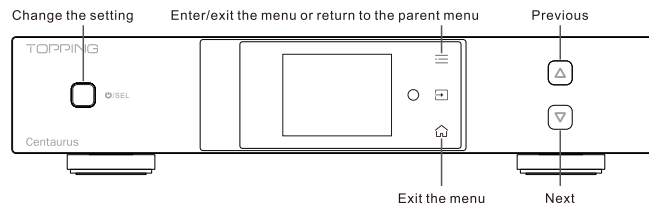
Output channel switching

Press the  button on the remote control to switch the output in cycle. You could also switch the output channel by pressing the  button on the front panel, but note that you need to set [Setup Menu-Advanced-Button] to "Output select" (Default).

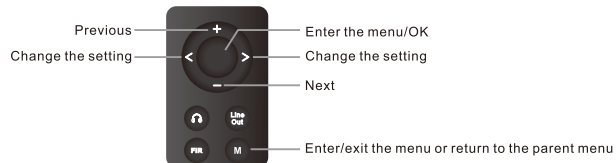
7. Setup Menu

Enter menu and change settings

Buttons on front panel



The remote control



Menu Overview



1. Display

1-1 Theme

Multiple options available, default Aurora.

1-2 Home

Choose home page
Normal (Default) , VU, FFT

1-3 Brightness

Low, Medium (Default) , High, Auto
Auto has the same brightness as Medium. The difference is that when there is no operation after 30 seconds under Auto mode, the screen will be automatically turned off and only display the current input. You can press any button to light up the screen.



1-4 Classic VU 0dB

Set 0dB reference voltage for VU meter. For example, if set to +4dBu, when the pointer swings to 0dB, the current output level of the Centaurus is +4dBu.
+4dBu (Default) , +10dBu

1-5 LEVEL METER

All on (Default) , Normal page, FFT page, All off

2. Input select

USB (Default) , OPT, COAX, AES, BT, IIS

3. Output select

SE: only RCA output

BAL: only XLR output

ALL: Both RCA and XLR can have output (Default)

4. On/Off trigger

Signal: Input signal will trigger the device to turn on, but if the current input is not connected or input signal is invalid in 1 minute, it will automatically enter the standby state. Once having detected valid signal, it will automatically return to working state. (Default)

12V: 12V signal will trigger the device to turn on. When Centaurus's Trigger In is connected to another device's 12V Trigger Out, Centaurus's on/standby state can be controlled through this device. The Centaurus will remain in standby state until Trigger In detects the signal change from 0V to 12V. When changing back to 0V, the Centaurus will return to standby state.

Off: Disabled this function.

5. PEQ config

5-1 PEQ

Enabled (Default) , Disabled

PEQ Support Range	
USB IN	44.1kHz-192kHz/16bit-24bit
IIS IN	Unsupported
COAX/OPT/AES IN	44.1kHz-192kHz/16bit-24bit
BT IN	44.1kHz-96kHz/16bit-24bit

5-2 EQ select

NULL: No unit configuration (Default)

Unused: No configuration is selected

1, 2, 3, 4, and 5 correspond to the adjusted frequency response curves for TOPPING Tune's device configuration.

Note: On the TOPPING Tune, you can save local configuration of frequency response curves to the Centaurus, and the Centaurus can use this configuration offline. Exit TOPPING Tune to switch configurations on the device.

6. Advanced

6-1 Channel balance

Setting range: C (Balance) , L+0.5~9.5dB or R+0.5~9.5dB. (Default: C)

*When using the buttons on the front panel, press the ☐ $\oplus$ SEL button to enter the setting, press the Δ or the ∇ button to set the value, and press the ☐ $\oplus$ SEL button again to exit the setting.

6-2 Output level

Maximum output level at 0dBFS

4V (Default) , 5V

6-3 DAC mode

PRE: Volume is adjustable. (Default)

DAC: Keep the maximum volume output and the volume is not adjustable.

6-4 Oversampling

OS: Oversampling is on. Oversampling can reduce the quantization error, lower the noise, improve the SNR and dynamic range, and thus improve the sound quality. You could set the oversampling multiplier in the OS mode setting below.

NOS: Oversampling is off. Centaurus processes the input digital audio signal directly without any sample rate processing. This mode preserves the original characteristics of the audio signal.

Best: Centaurus automatically selects the appropriate oversampling rate based on the sampling rate of the source and the internal processing capacity of the decoder. (Default)

Note: Centaurus displays the input signal sample rate, not the sample rate after oversampling

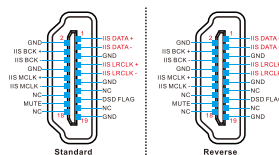
6-5 OS mode

Oversampling rate = base frequency of input signal sampling rate * multiplier

1X, 2X (Default) , 4X, 8X, 16X

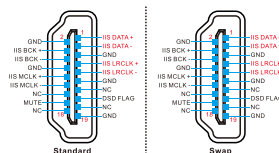
6-6 IIS phase

Standard (Default) , Reverse



6-7 IIS DSD channel

Standard (Default) , Swap



6-8 Bluetooth

Enabled (Default) , Disabled

6-9 Bluetooth aptX

Enabled (Default) , Disabled

The Centaurus supports multiple Bluetooth codecs. When set to OFF, the APTX-Adaptive will be disabled, allowing the use of other codecs (depending on the phone) .

6-10 Remote

Enabled (Default), Disabled

6-11 Button

Customize the function of short press ☐ Ⓢ/SEL at power on Output select (Default) , Home select, Brightness select, Dim the screen, Mute, Input select

6-12 USB

UAC2.0 (Default), UAC1.0

7. Language

English、中文

8. Factory reset

Select factory reset will have a pop-up, select Yes/No (blue for selected) , then press the middle button on the remote or the front-panel ☐ Ⓢ/SEL button to confirm.

8. Trouble shooting

If there are problems during use, please find the corresponding solutions through the following links.

<https://www.toppingaudio.com/faq>

Finding Method: Window OS enters the search by pressing Ctrl and F (Mac OS presses the command and F) . Then enter the device model to jump to FQA of the device.

If you still have problems or questions, please contact us: service@tpdz.net

9. Precautions

1. Do not keep the unit in a hot, humid environment or hit the unit strongly.
2. Opening the case instantly voids the warranty!
3. Indoor use only.
4. Topping accepts no liability for any loss or damage arising directly or indirectly from the failure of Centaurus.
5. For improvement purposes, specifications subject to changes without prior notice.