

TOPPING

D900

使用手册 

User Manual 

Model: TP335
V1.0

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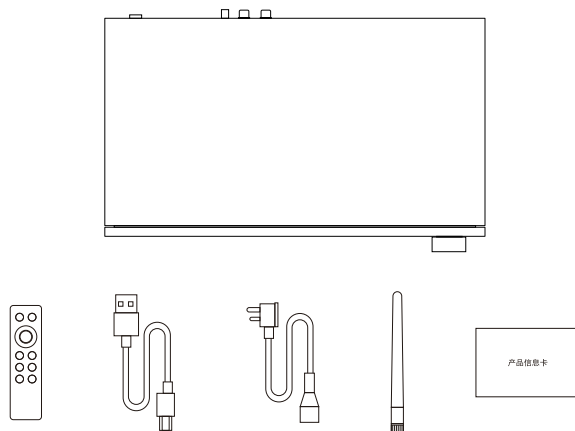
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1. 包装内物品清单

D900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

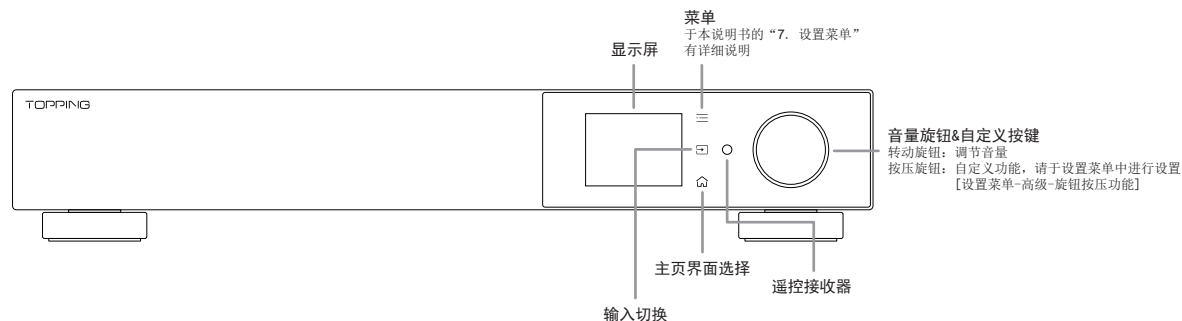
尺寸	33.0cm x 5.7cm x 21.0cm
单机重量	2.52 Kg
电源	100-240VAC 50Hz/60Hz
输入接口	USB-B/USB-C/BT/OPT1/OPT2/COAX1/COAX2/AES/IIS
Line Out 输出接口	XLR (Line Out) , XLR (PRE)
其他控制接口	12V触发输入 (3.5mm插座)
	12V触发输出 (3.5mm插座)
蓝牙接收距离	10米
显示	2.0寸LCD彩屏
待机功耗	<1W
正常工作功耗	<10W

3. 支持规格

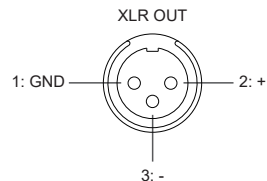
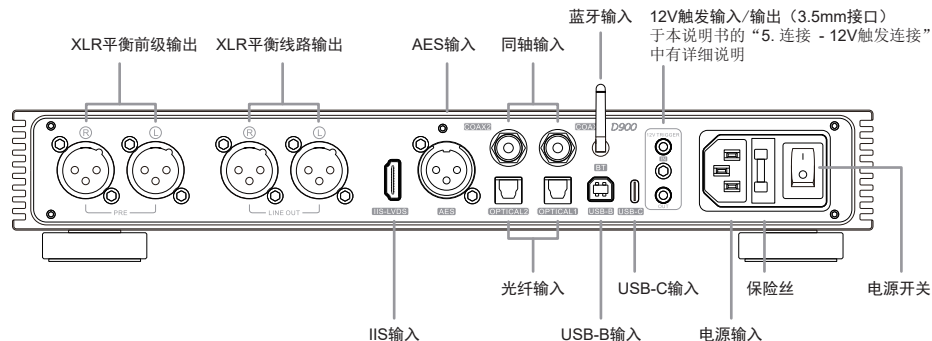
USB IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ	44.1kHz-192kHz/16bit-32bit
IIS IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
COAX/OPT/AES IN	PCM	44.1kHz-192kHz/16bit-24bit
	DSD	DSD64 (DoP)
	PEQ	44.1kHz-192kHz/16bit-24bit
BT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

4. 部件与名称

前面板



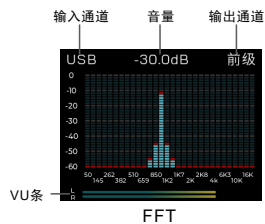
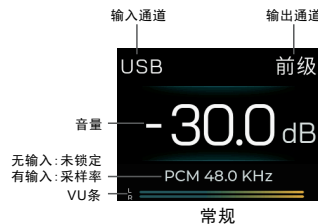
后面板



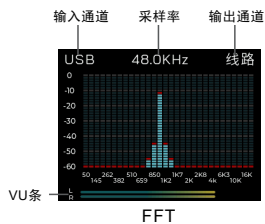
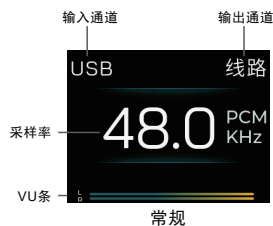
显示说明

主页显示有三种：常规，VU和FFT，可以通过按压前面板的  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]。

前级输出

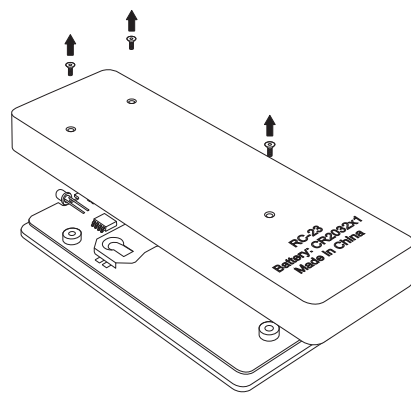


线路输出

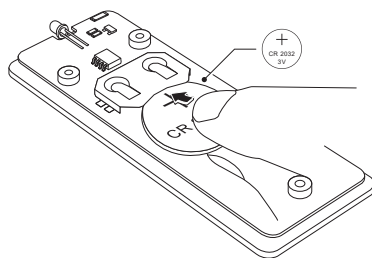


*VU表、VU条、FFT显示的是线路输出（Line Out）的输出幅值（不受音量控制影响）。

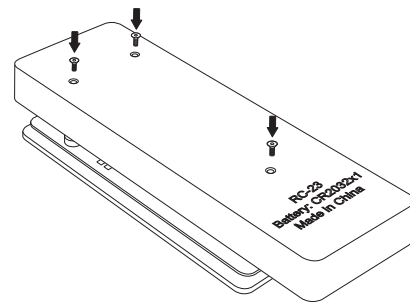
安装遥控电池



1. 使用附带的H1.27螺丝刀取下背面的三颗螺丝。



2. 按照箭头方向插入CR2032纽扣电池（不附赠）。



3. 原样装回。

遥控器说明



A B

可自定义这两个按键的功能，于“设置菜单”的“高级”中有详细说明。

C1 C2

操作：长按3秒C1/C2按键保存当前设置，按压C1/C2按键即可使用对应设置。

保存的设置：包含设置菜单中的全部设置，比如输入通道、输出通道、音量等等。

功能说明：该功能适用于不止一个使用场景的用户，比如以下两种使用场景。不同的使用场景下，D900有不同的设置。

D900设置	场景1：连接耳机使用	场景2：连接音箱使用
输入通道	USB输入	蓝牙输入
输出通道	线路	前级
音量大小	最大音量	-30dB

从场景1切换到场景2使用需要更改不少设置，这时使用C1和C2按键分别将这两种场景的D900设置保存，切换到场景2时，只需要按压C2按键就能一键调用全部的设置，无需逐个更改。

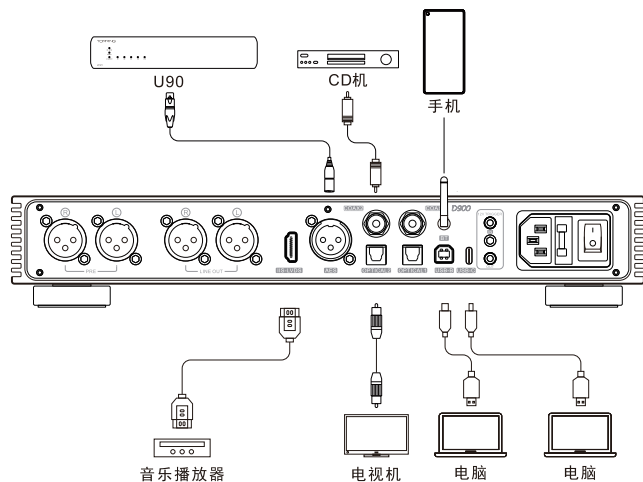
⑧

于“设置菜单”的“1-3亮度”中有详细说明

5. 连接

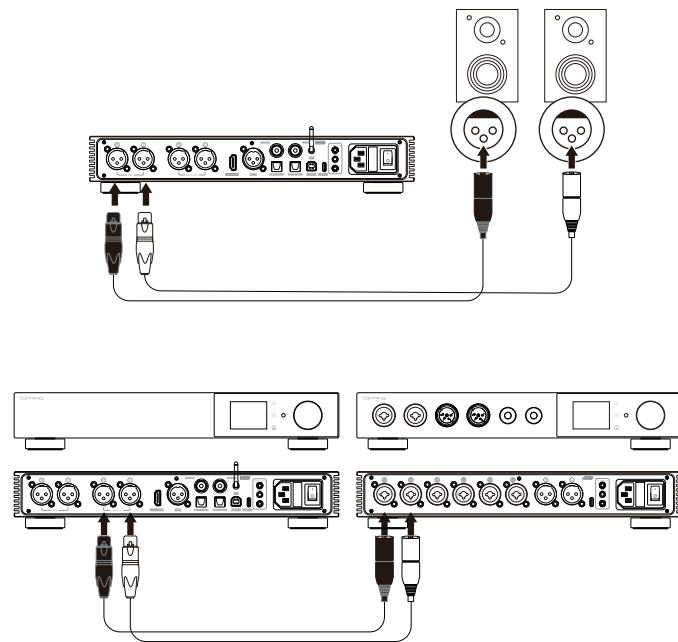
连接输入源

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

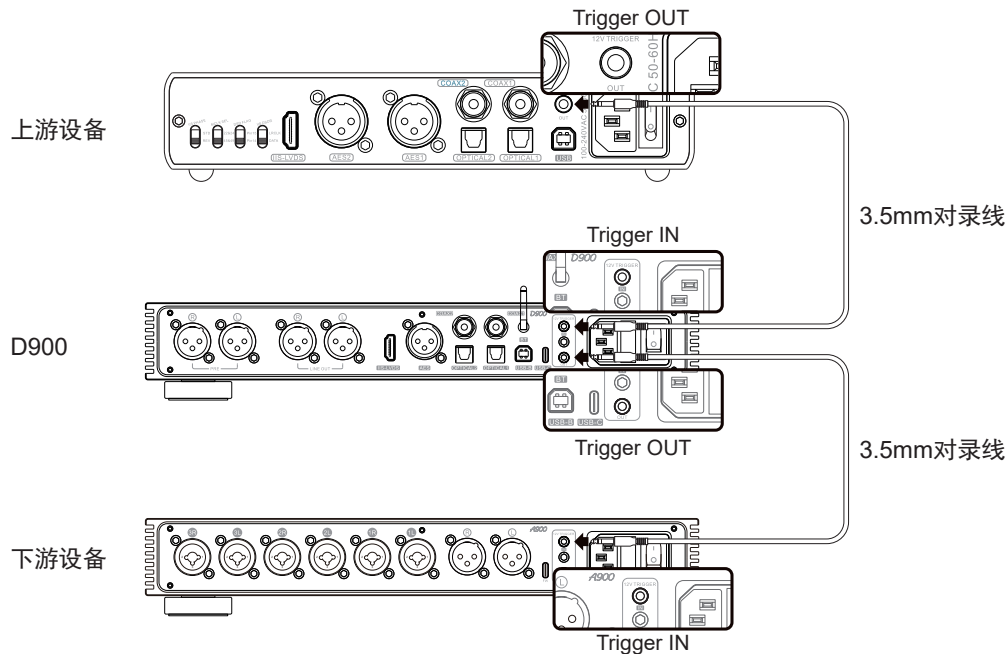
使用XLR线缆连接至放大器或有源音箱，连接前请先关闭放大器或有源音箱，以免损坏设备。



12V触发连接

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D900开机/待机，D900可控制Trigger Out所连接的下游设备开机/待机。

* 注意使用D900的Trigger IN功能时，需要在[设置菜单-高级-开关机触发]将开关机触发设置为“12V”。

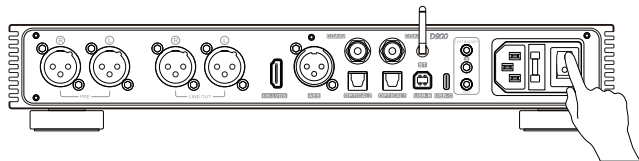


6. 操作说明

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D900的开关机。



2. 待机、退出待机设置

使用前面板右侧的音量旋钮，短按开机，长按待机。亦可使用遥控器。



音量设置

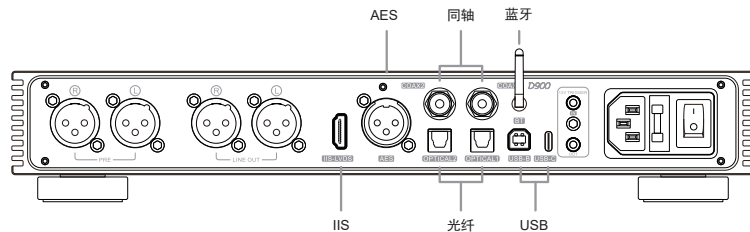
1. 静音状态的进入与退出

按压遥控器上的静音按键可以设置D900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

使用面板上的旋钮，或者遥控器上的  或  按键可以调节D900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：在线路输出模式下，音量固定为0dB，音量大小调节无效。[设置菜单-输出设置-输出选择-线路]



1. 输入选项设置

由于设备具备多个输入通道，切换时可能耗费一定时间。为提高效率，建议您在[设置菜单-输入设置-输入选项]中，预先勾选常用的输入通道，以缩短切换输入源所需的时间。可支持“自动检测有效信号”与“手动选择”两种方式，您可根据实际使用需求进行配置。

● 自动检测有效信号

系统将自动检测各输入接口是否接收到有效信号。如检测到有效信号，该输入通道将被自动添加至输入选项中，切换输入时将在这些通道间进行切换。

● 手动选择（默认）

您也可以手动选择所需的输入通道。勾选后，在进行输入切换时，系统将仅在在这些已选通道中进行切换。

可选输入通道包括：☒ USB ☒ 光纤1 ☒ 光纤2 ☒ 同轴1 ☒ 同轴2 ☒ AES ☒ IIS ☒ 蓝牙

2. USB接口选择

USB输入提供两种接口选择，但同一时间只能使用其中一个接口，无法同时使用两个接口。可在[设置菜单-输入设置-USB选择]中进行设置。

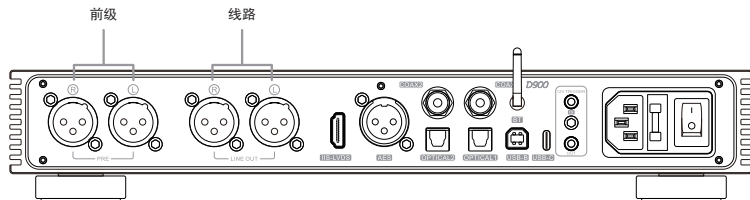
USB-B：仅USB-B接口生效

USB-C：仅USB-C接口生效

自动（默认）：系统会自动检测 USB 接口是否接收到有效信号。一旦检测到有效信号，将自动切换并使用已识别的 USB 接口。如果两个接口同时连接，系统将优先识别并使用先连接的接口。

3. 输入通道切换

完成输入选项设置后，按压前面板的  按键或者遥控上的  按键即可依次循环切换输入。



1. 输出选项设置

由于设备具备多个出通道，切换时可能耗费一定时间。为提高效率，建议您在 [设置菜单-输出设置-输出选项] 中，预先勾选常用的输出通道，以缩短切换输出通道所需的时间。

可选输出通道包括：☒ 线路 ☒ 前级 ☒ 全部

2. 输出通道切换

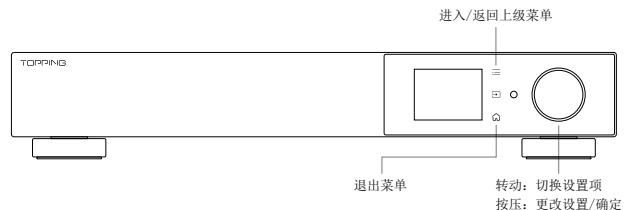
完成输出选项设置后，按压前面板的旋钮或者遥控右侧的  按键即可依次循环切换输出。

*旋钮按压功能默认为“输出选择”。如需更改该功能，可[设置-高级-旋钮按压功能]中进行配置。

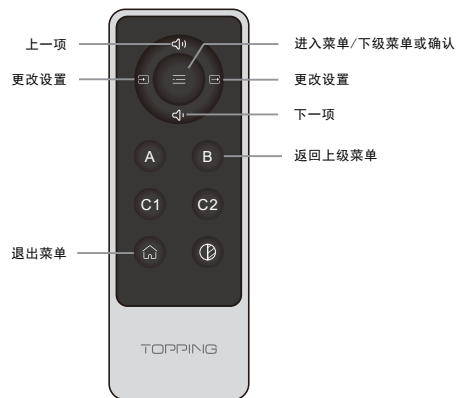
7. 设置菜单

进入菜单和更改设置

1. 使用前面板按键



2. 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，D900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. 输入设置

2-1 输入选择

USB（默认）/ 根据“输入选项”勾选的列表循环

2-2 输入选项

由于设备具备多个输入通道，切换时可能耗费一定时间。为提高效率，建议您在[设置菜单-输入设置-输入选项]中，预先勾选常用的输入通道，以缩短切换输入源所需的时间。可支持“自动检测有效信号”与“手动选择”两种方式，您可根据实际使用需求进行配置。

● 自动检测有效信号

系统将自动检测各输入接口是否接收到有效信号。如检测到有效信号，该输入通道将被自动添加至输入选项中，切换输入时将在这些通道间进行切换。

● 手动选择（默认）

您也可以手动选择所需的输入通道。勾选后，在进行输入切换时，系统将仅在这些已选通道中进行切换。

可选输入通道包括：☒ USB ☒ 光纤1 ☒ 光纤2 ☒ 同轴1
☒ 同轴2 ☒ AES ☒ IIS ☒ 蓝牙

2-3 USB选择

USB-B：仅USB-B接口生效

USB-C：仅USB-C接口生效

自动：系统会自动检测 USB 接口是否接收到有效信号。一旦检测到有效信号，将自动切换并使用已识别的 USB 接口。如果两个接口同时连接，系统将优先识别并使用先连接的接口。（默认）

2-4 UAC

UAC2.0（默认）、UAC1.0

2-5 蓝牙

启用（默认）、禁用

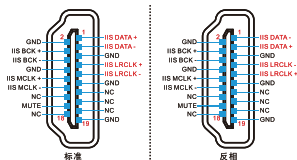
2-6 蓝牙aptX

启用（默认）、禁用

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

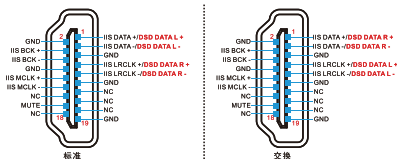
2-7 IIS相位

标准（默认）、反相



2-8 IIS DSD通道

标准（默认）、交换



2-9 DSD MUTE

高电平有效（默认）、低电平有效、关

注意：当使用IIS接口切换采样率出现噪声时可选择高/低电平有效来消除噪声

3. 输出设置

3-1 输出选择

全部（默认）/根据“输出选项”勾选的列表循环

3-2 输出选项

由于设备具备多个出通道，切换时可能耗费一定时间。为提高效率，建议您在[设置菜单-输出设置-输出选项]中，预先勾选常用的输出通道，以缩短切换输出通道所需的时间。

可选输出通道包括：☒ 线路 ☒ 前级 ☒ 全部

3-3 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：使用前面板旋钮设置时，需要按压一下旋钮进入该项设置，转动旋钮调节数值，再次按压旋钮退出该设置。

3-4 输出幅值

4V（默认）、5V

3-5 音量步进设置

0.5dB（默认）、1dB

3-6 极性设置

标准（默认）、反相

4. PEQ配置

4-1 PEQ

禁用（默认）、启用

PEQ支持规格	
USB IN	44.1kHz-192kHz/16bit-32bit
IIS IN	不支持
COAX/OPT/AES IN	44.1kHz-192kHz/16bit-24bit
BT IN	44.1kHz-96kHz/16bit-24bit

4-2 PEQ选择

内置5个默认预设配置供用户选择，注意默认预设配置不可修改。另外还可通过Topping Tune软件保存5个自定义的配置到D900上，D900可离线使用该配置。

5. 高级

5-1 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D900的触发输入后，可控制D900开机/进入待机。当触发输入接口检测到12V信号从无到有时，D900会自动开机；当检测到12V信号从有到无时，D900自动进入待机状态。

关闭：关闭该功能

5-2 DSD直通

启用、禁用（默认）

仅线路输出时，播放DSD音乐将会直通到Line out输出

DSD直通支持规格	
USB IN	DSD64-DSD256 (Native) , DSD64-DSD256 (DoP)
IIS IN	DSD64-DSD256 (Native) , DSD64-DSD256 (DoP)
COAX/OPT/AES IN	DSD64 (DoP)
BT IN	不支持

5-3 音量记忆方式

跟随输出：记忆各个输出通道上次使用时的音量，并在下次使用该通道时，音量会自动恢复为上次使用时的音量。（默认）

跟随输入：记忆各个输入通道上次使用时的音量，并在下次使用该通道时，音量会自动恢复为上次使用时的音量。

无：不使用该功能

5-4 PEQ记忆方式

跟随输出：记忆各个输出通道上次使用时的**PEQ**配置选择，并在下次使用该通道时，会自动恢复上次使用时的**PEQ**配置选项。（默认）

跟随输入：记忆各个输入通道上次使用时的**PEQ**配置选择，并在下次使用该通道时，会自动恢复上次使用时的**PEQ**配置选项。

无：不使用该功能

5-5 遥控器

启用（默认）、禁用

5-6 旋钮按压功能

可自定义按压旋钮的功能

输出选择（默认）、主页选择、亮度选择、息屏、**PEQ**选择、开关机触发、静音、输入选择

5-7 遥控按键A功能

可自定义遥控按键**A**功能

输出选择、主页选择、亮度选择、息屏、**PEQ**选择（默认）、开关机触发、静音、输入选择

5-8 遥控按键B功能

可自定义遥控按键**B**功能

输出选择、主页选择、亮度选择、息屏、**PEQ**选择、开关机触发（默认）、静音、输入选择

6. 语言

English、中文

7. 恢复出厂设置

选择恢复出厂设置会有弹窗，选择确定/取消（选中带颜色），然后按压遥控中间按键或者前面板旋钮确定选择。

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FQA。

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

D900 解码参数一览表 (LineOut/USB In@96kHz)		
	XLR (Line Out)	XLR (PRE)
总谐波失真加噪声 @A-wt	<0.000055% @1kHz	<0.000055% @1kHz
总谐波失真 @No-wt 45kBw	<0.00015% @20-20kHz	<0.00015% @20-20kHz
信噪比 @A-wt	131dB @1kHz	131dB @1kHz
动态范围 @A-wt	131dB @1kHz	131dB @1kHz
频率响应	20Hz-20kHz(± 0.3 dB)	20Hz-20kHz(± 0.3 dB)
	20Hz-40kHz(± 1.0 dB)	20Hz-40kHz(± 1.0 dB)
输出幅值	4.2Vrms @0dBFS(4V Mode)	10.5Vrms @0dBFS(4V Mode)
	5.2Vrms @0dBFS(5V Mode)	13.0Vrms @0dBFS(5V Mode)
底噪 @A-wt	<1.5uVrms	<1.6uVrms
声道串扰	-147dB @1kHz	-147dB @1kHz
声道平衡度	0.3 dB	0.3 dB
输出内阻	100 Ω	100 Ω

*说明：以上数据均是 TOPPING 实验室在输出幅值为 5V 的模式下测试所得到的结果。

Catalog

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1. Contents list

D900	x 1
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

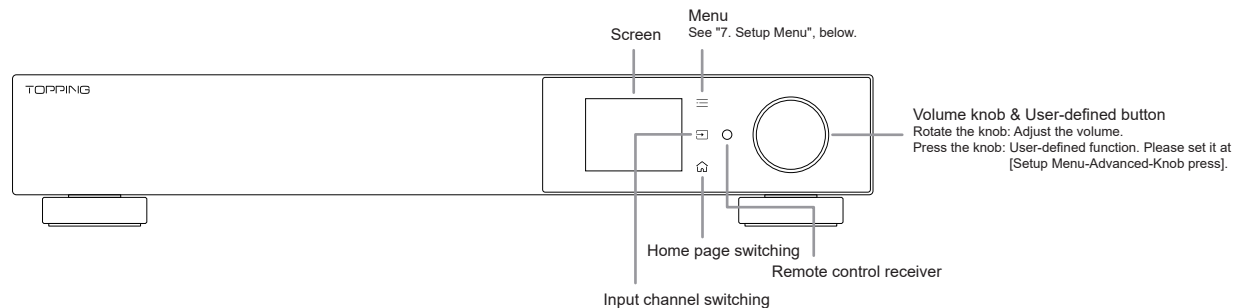
Measured	33.0cm x 5.7cm x 21.0cm
Weight	2.52 Kg
Power input	100-240VAC 50Hz/60Hz
Signal input	USB-B/USB-C/BT/OPT1/OPT2/COAX1/COAX2/ AES/IIS
Line Out output	XLR (Line Out) , XLR (PRE)
Other connectors	12V Trigger In (3.5mm jack)
	12V Trigger Out (3.5mm jack)
Bluetooth range	10M
Display	2inch LCD
Standby power consumption	<1W
Power consumption	<10W

3. Input range

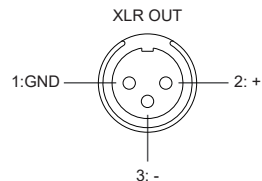
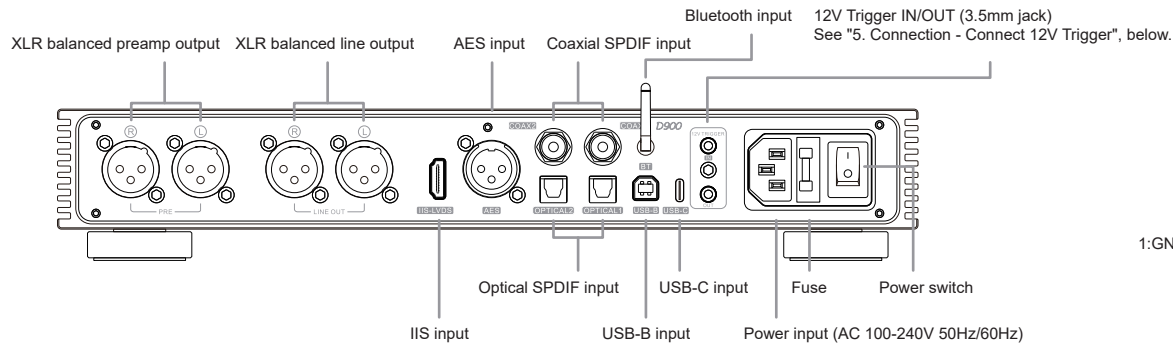
USB IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ	44.1kHz-192kHz/16bit-32bit
IIS IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
COAX/OPT/AES IN	PCM	44.1kHz-192kHz/16bit-24bit
	DSD	DSD64 (DoP)
	PEQ	44.1kHz-192kHz/16bit-24bit
BT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

4. Parts and names

Front panel

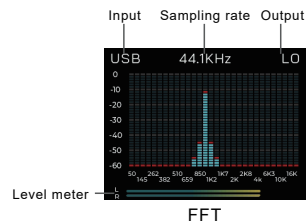
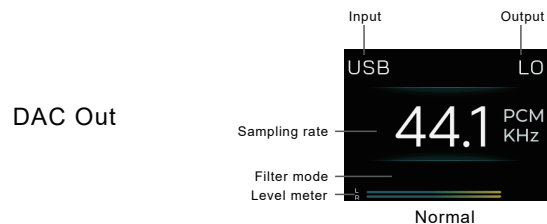
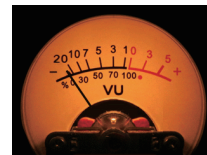
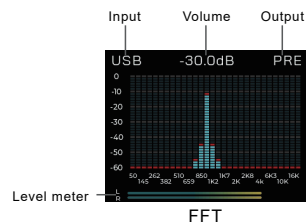
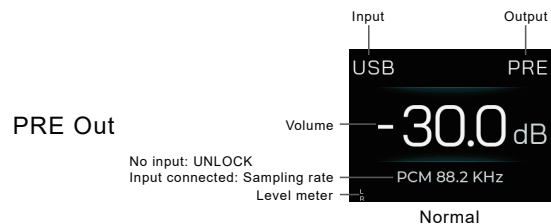


Rear panel



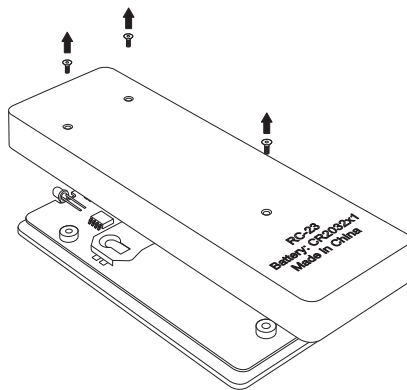
Display

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].

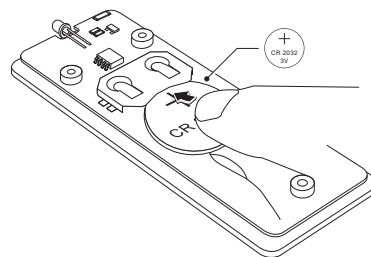


*The VU meter, FFT and Level meter display the output amplitude of Line Out (unaffected by the volume control).

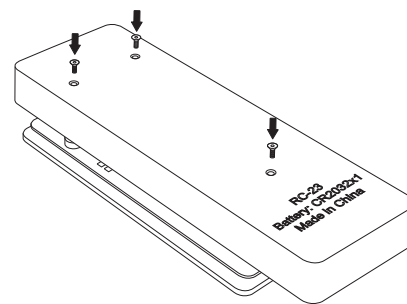
Install remote control battery



1. Use the included H1.27 screwdriver to remove the three screws on the back.

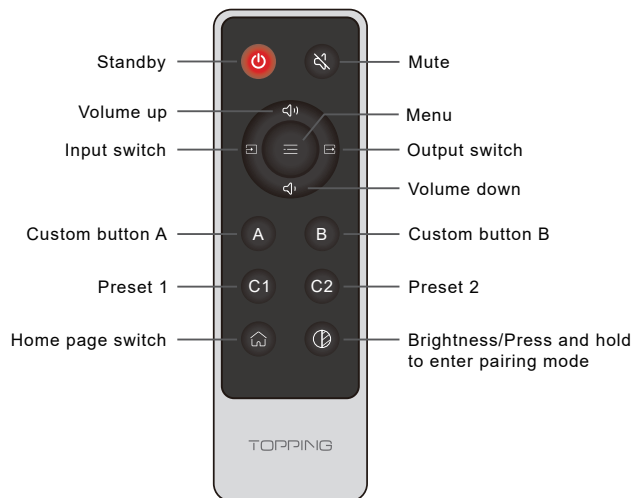


2. Insert the CR2032 button cell (not included) in the direction of the arrow .



3. Install according to the original path.

Remote control



A B

The function of these two buttons are customizable. See "Advanced" in the "Setup Menu", below.

C1 C2

Operation: Press and hold the C1/C2 button for 3 seconds to save the current settings. Short press the C1/C2 button to use the corresponding settings.

What was saved: Volume and all settings in the setup menu, such as input channel, output channel, etc.

When to use: This feature is suitable for users who have more than one usage scenario, such as the two shown below. Using C1&C2 buttons to save and load settings may free you from changing settings one by one when you want to change usage scenario.

D900 settings	Usage scenario 1: Connect with headphone amp	Usage scenario 2: Connect with speaker
Input channel	USB	Bluetooth
Output channel	Line Out	PRE
Volume	Full Volume	-20dB

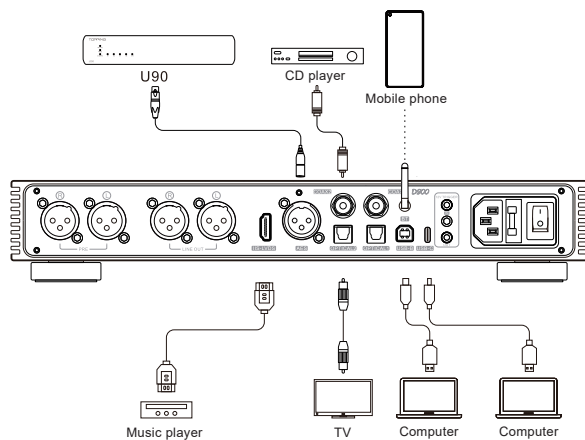


See "1-3 Brightness" in the "Setup Menu", below.

5. Connection

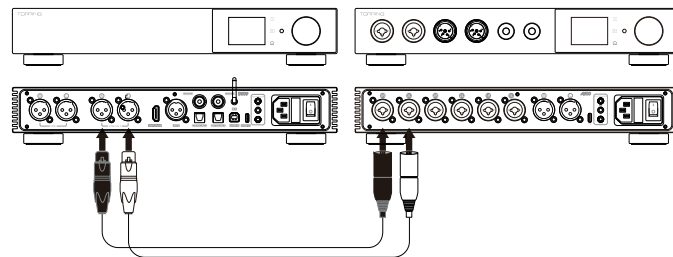
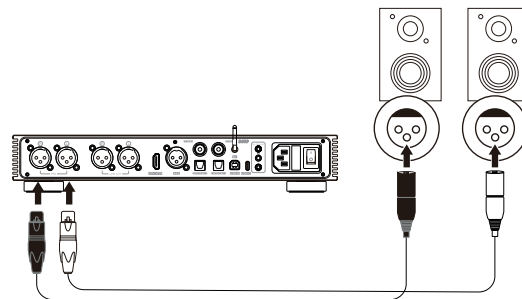
Connect to the input source

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



Connect to amplifier or active speakers

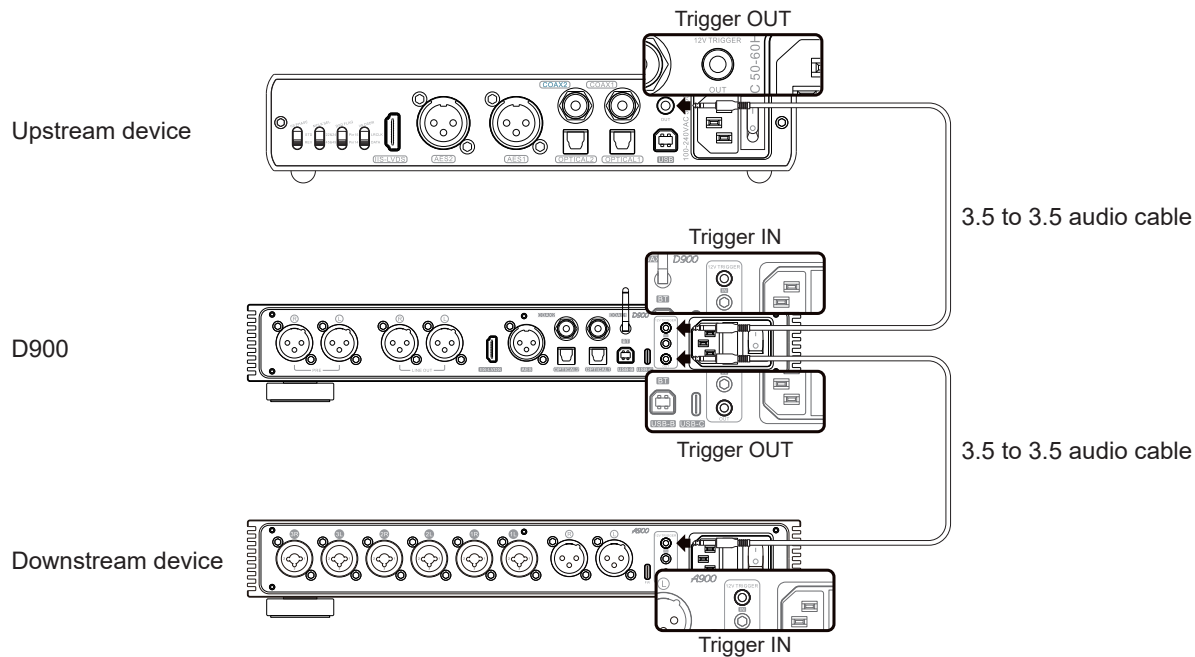
Use XLR cables to connect to amplifiers or active speakers. In order to avoid damage to your devices, please turn off the amplifier or active speakers before you connect them to D900.



Connect 12V Trigger

The 12V Trigger IN/OUT allows the D900 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 D900, and the downstream device connected to Trigger Out can be controlled by D900.

*Before using the Trigger IN function, you need to set the On/Off trigger mode to "12V" in the setup menu. [Setup menu-Advanced-On/Off trigger]

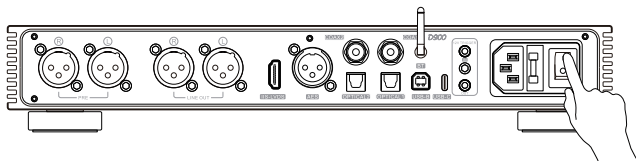


6. Operation

Power on & off / standby operation

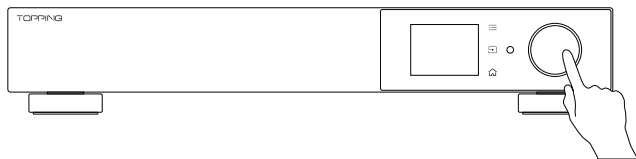
1. Power on & off

Press the power switch on the rear panel to turn the D900 on or off.



2. Standby setting

When it is working, press and hold the volume knob 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

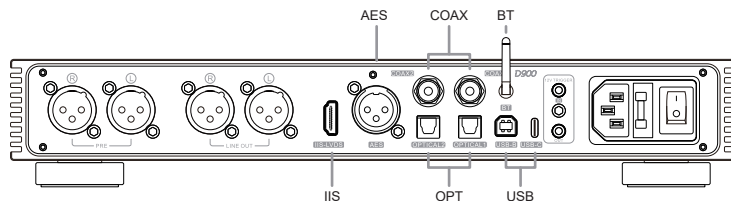
1. Mute and unmute

Press the mute button on the remote control to mute D900, press the mute button again or adjust the volume to exit mute state.

2. Volume adjusting

2. You can press the  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 LO output and volume adjusting is invalid in this mode. [Setup menu-Output Settings-Output select-LO]



1. Input option setting

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.

The system supports two configuration methods: Auto-detect and Manual. You may choose either based on your actual usage needs.

• Auto-detect

The system will automatically detect whether a valid signal is received at each input port. If a valid signal is detected, the corresponding input channel will be added to the input options list. During input switching, the system will cycle through these channels.

• Manual (Default)

You may also manually select the input channels you wish to use. Once selected, the system will only switch between these specified channels during input switching.

Available input channels include:

☒ USB	☒ OPT1 (Optical1)	☒ OPT2 (Optical2)	☒ COAX1 (Coaxial1)
☒ COAX2 (Coaxial2)	☒ AES	☒ IIS	☒ BT (Bluetooth)

2. USB interface selection

The USB input offers two interface options, but only one can be active at a time—simultaneous use of both interfaces is not supported. You can select the desired interface in [Setup menu - Input settings - USB select].

USB-B: Only effective for USB-B port.

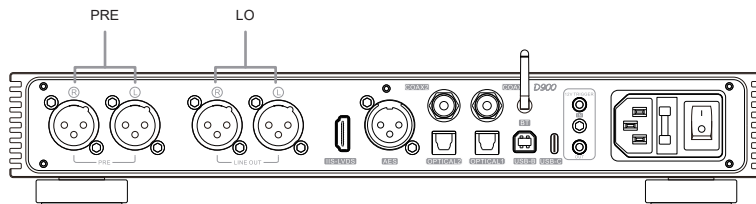
USB-C: Only effective for USB-C port.

Auto: The system automatically detects whether a valid signal is received through the USB ports. Once a valid signal is detected, it will automatically switch to and use the recognized USB port. If both ports are connected, the system will prioritize and use the one that was connected first. (Default)

3. Input channel switching

After configuring the input options, you can press the  button on the front panel or press  button on the remote control to switch the input circularly.

Output settings



1. Output option setting

Since the device supports multiple output channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect commonly used output channels in [Setup menu-Output settings-Output option], which will help reduce the time required for switching.

Available output channels include:

- ☒ LO (Line Out) ☒ PRE (Preamp Output) ☒ ALL

2. Output channel switching

After configuring the output options, you can press the knob on the front panel or press  button on the remote control to switch the output circularly.

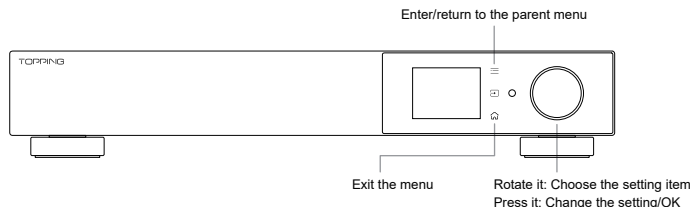
*By default, the knob press function is set to "Output select." If needed, you can change this setting in [Setup-Advanced-Knob press].

7. Setup Menu

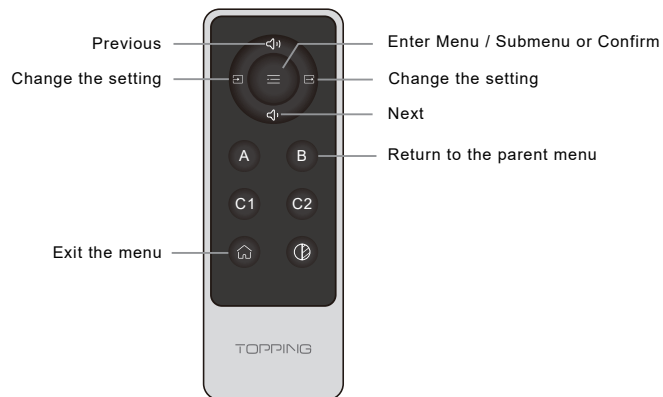
Enter menu and change settings

Menu Overview

1. Buttons on front panel



2. The remote control



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 D900 is +4dBu. +4dBu (Default) , +10dBu

1-5 Level meter

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

2. Input settings

2-1 Input select

USB (Default) /Input option

2-2 Input option

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.

The system supports two configuration methods: Auto-detect and Manual. You may choose either based on your actual usage needs.

• Auto-detect

The system will automatically detect whether a valid signal is received at each input port. If a valid signal is detected, the corresponding input channel will be added to the input options list. During input switching, the system will cycle through these channels.

• Manual (Default)

You may also manually select the input channels you wish to use. Once selected, the system will only switch between these specified channels during input switching.

Available input channels include:

- | | | | |
|--|---|---|--|
| ☒ USB | ☒ OPT1 (Optical1) | ☒ OPT2 (Optical2) | ☒ COAX1 (Coaxial1) |
| ☒ COAX2 (Coaxial2) | ☒ AES | ☒ IIS | ☒ BT (Bluetooth) |

2-3 USB select

USB-B: Only effective for USB-B port.

USB-C: Only effective for USB-C port.

Auto: The system automatically detects whether a valid signal is received through the USB ports. Once a valid signal is detected, it will automatically switch to and use the recognized USB port. If both ports are connected, the system will prioritize and use the one that was connected first. (Default)

2-4 UAC

UAC2.0 (Default) , UAC1.0

2-5 Bluetooth

Enabled (Default) , Disabled

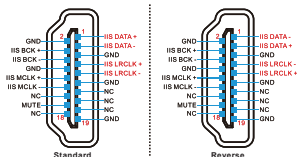
2-6 Bluetooth aptX

Enabled (Default) , Disabled

The D900 supports multiple Bluetooth codecs. When set to OFF, the APTX-Adaptive will be disabled, allowing the use of other codecs (depending on the phone) .

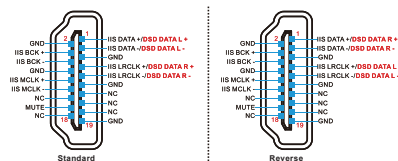
2-7 IIS phase

Standard (Default) , Reverse



2-8 IIS DSD chennael

Standard (Default) , Swap



2-9 DSD MUTE

Active high (Default) , Active low, Off

When using the IIS interface, noise appears when switching the sample rate. You can choose Active high/low to eliminate the noise.

3. Output settings

3-1 Output select

ALL (Default) /Output option

3-2 Output option

Since the device supports multiple output channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect commonly used output channels in [Setup menu-Output settings-Output option], which will help reduce the time required for switching.

Available output channels include:

☒ LO (Line Out) ☒ PRE (Preamp Output) ☒ ALL

3-3 Channel balance

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

*When using the knob on the front panel, press the knob to enter the setting, rotate the knob to set the value, and press the knob again to exit the setting.

3-4 Output level

4V (Default), 5V

3-5 Volume step

0.5dB (Default), 1dB

3-6 Polarity

Normal (Default), Reverse

4. PEQ config

4-1 PEQ

Disabled (Default), Enabled

PEQ Support Range	
USB IN	44.1kHz-192kHz/16bit-32bit
IIS IN	Unsupported
COAX/OPT/AES IN	44.1kHz-192kHz/16bit-24bit
BT IN	44.1kHz-96kHz/16bit-24bit

4-2 PEQ select

Five default preset configurations are provided for users to choose from. Please note that these default preset configurations are not modifiable. Additionally, you can save five custom configurations to the D900 using the Topping Tune software. The D900 can then use these configurations offline.

5. Advanced

5-1 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 D900's Trigger In is connected to another device's 12V Trigger Out, D900's on/standby state can be controlled through this device. The D900 will remain in standby state until Trigger In detects the signal change from 0V to 12V. When changing back to 0V, the D900 will return to standby state.

Off: Disabled this function.

5-2 DSD bypass

Enabled, Disabled (Default)

When using line output only, DSD music will be passed through directly to Line Out.

DSD Bypass Support Range	
USB IN	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
IIS IN	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
COAX/OPT/AES IN	DSD64 (DoP)
BT IN	Unsupported

5-3 Vol memory

Follow output: Memorizes the volume of each output channel when it was last used. The next time the channel is used, the volume will automatically revert to the volume of its last use. (Default)

Follow input: Memorizes the volume of each input channel when it was last used. The next time the channel is used, the volume will automatically revert to the volume of its last use.

Disabled: Disabled this function.

5-4 PEQ memory

Follow Output: Memorizes the PEQ configuration used the last time for each output channel, and automatically switches to that configuration the next time the same output channel is used. (Default)

Follow Input: Memorizes the PEQ configuration used the last time for each input channel, and automatically switches to that configuration the next time the same input channel is used.

Disabled: Disabled this function.

5-5 Remote

Enabled (Default) , Disabled

5-6 Knob press

Customize the function of the press knob.

Output select (Default) , Home select, Brightness, Dim screen, PEQ select, On/Off trigger, Mute, Input select

5-7 Button A

Customizable function for remote control button A

Output select, Home select, Brightness, Dim screen, PEQ select (Default), On/Off trigger, Mute, Input select

5-8 Button B

Customizable function for remote control button B

Output select, Home select, Brightness, Dim screen, PEQ select, On/Off trigger (Default), Mute, Input select

6. Language

English、中文

7. Factory reset

Select factory reset will have a pop-up, select Yes/No (Selected with color), then press the middle button on the remote or the front-panel knob 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

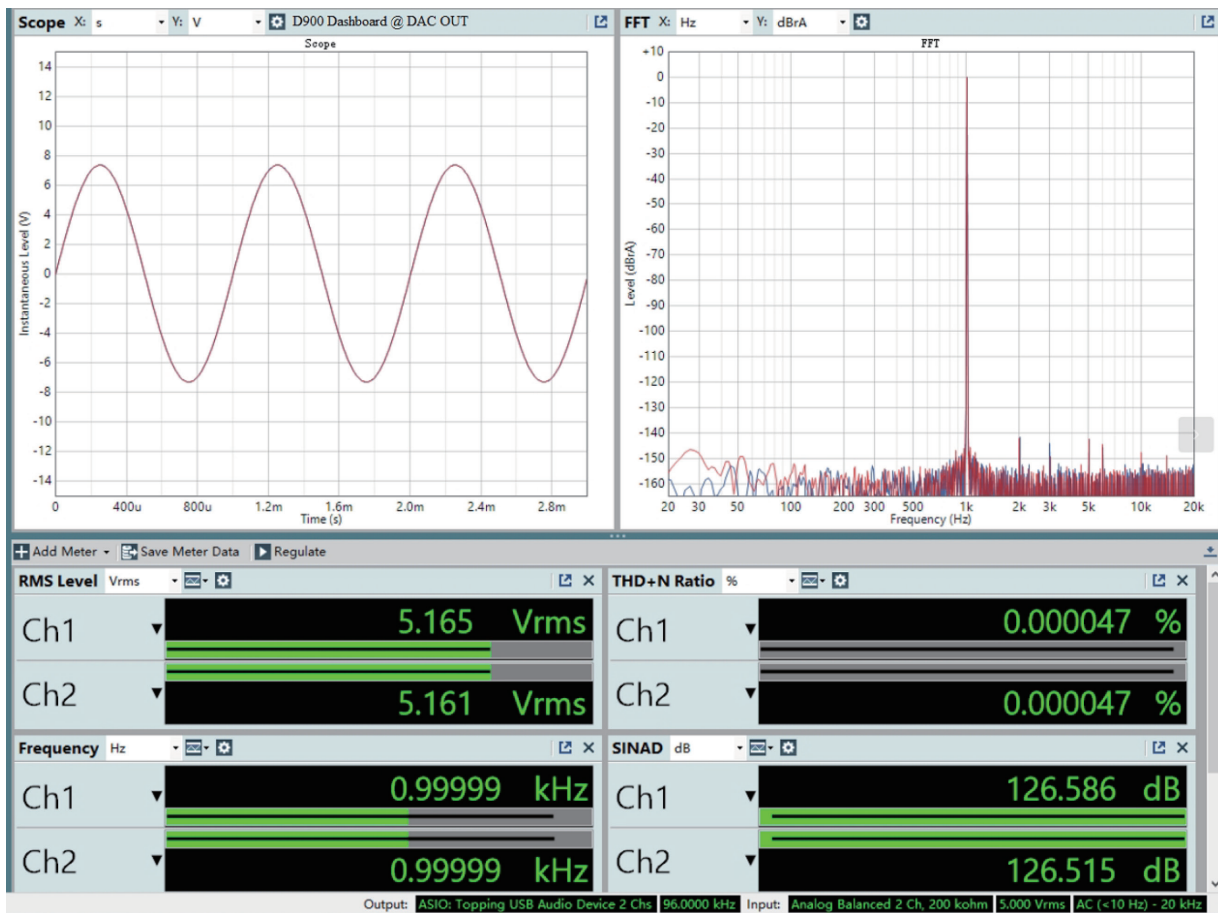
9. Precautions

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 D900.
5. For improvement purposes, specifications subject to changes without prior notice.

10. Specifications

D900 DAC parameters (LineOut/USB In@96kHz)		
	XLR (Line Out)	XLR (PRE)
THD+N @A-wt	<0.000055% @1kHz	<0.000055% @1kHz
THD @No-wt 45kBw	<0.00015% @20-20kHz	<0.00015% @20-20kHz
SNR @A-wt	131dB @1kHz	131dB @1kHz
Dynamic Range @A-wt	131dB @1kHz	131dB @1kHz
Frequency Response	20Hz-20kHz (±0.3dB)	20Hz-20kHz (±0.3dB)
	20Hz-40kHz (±1.0dB)	20Hz-40kHz (±1.0dB)
Output Level	4.2Vrms @0dBFS (4V Mode)	10.5Vrms @0dBFS (4V Mode)
	5.2Vrms @0dBFS (5V Mode)	13.0Vrms @0dBFS (5V Mode)
Noise @A-wt	<1.5uVrms	<1.6uVrms
Channel Crosstalk	-147dB @1kHz	-147dB @1kHz
Channel Balance	0.3 dB	0.3 dB
Output Impedance	100Ω	100Ω

*Note: The above data is the result of the test in TOPPING laboratory with 5V output mode.



SNR @ DAC OUT

Signal to Noise Ratio

2024/11/29 16:07:48.330



Ch1

131.315 dB

Ch2

131.138 dB

0 20 40 60 80 100 120 140

Signal to Noise Ratio (dB)

DNR @ DAC OUT

Dynamic Range - AES17

2024/11/29 16:06:05.017



Ch1

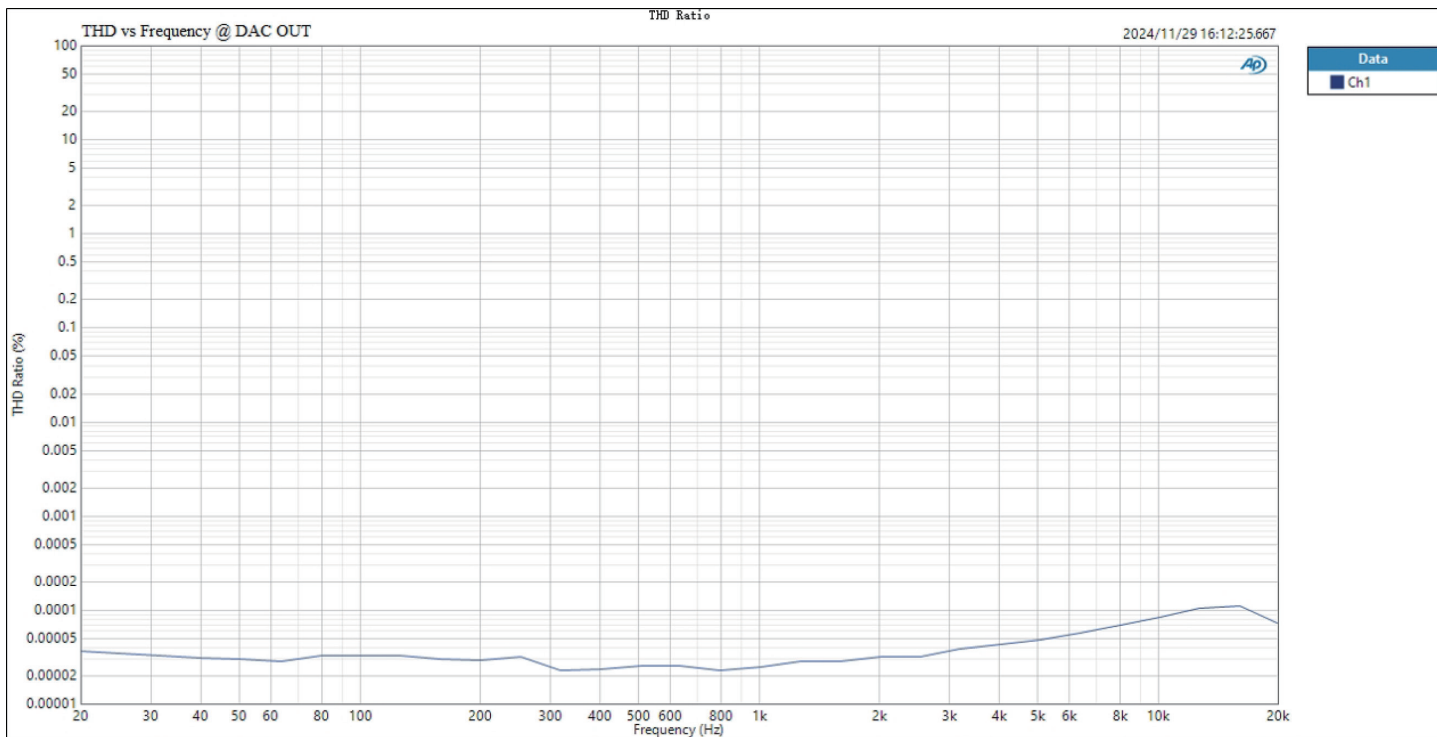
131.290 dB

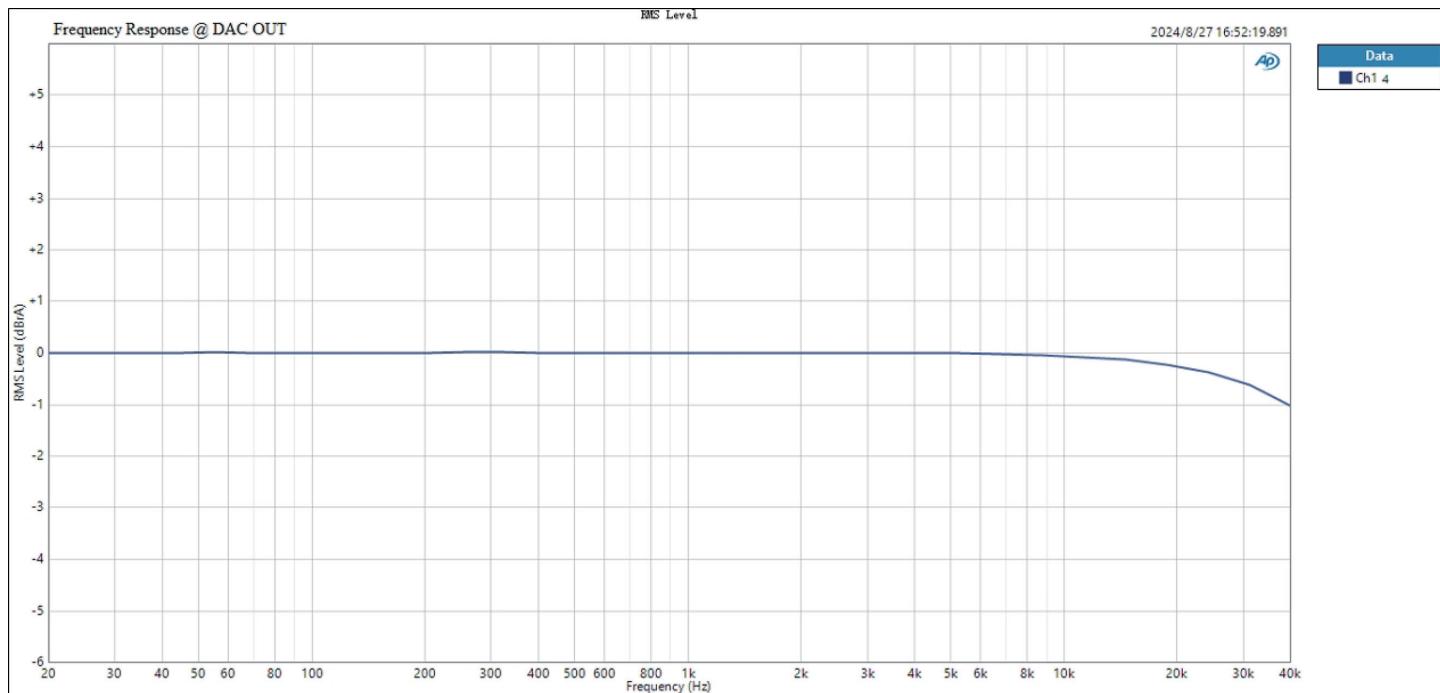
Ch2

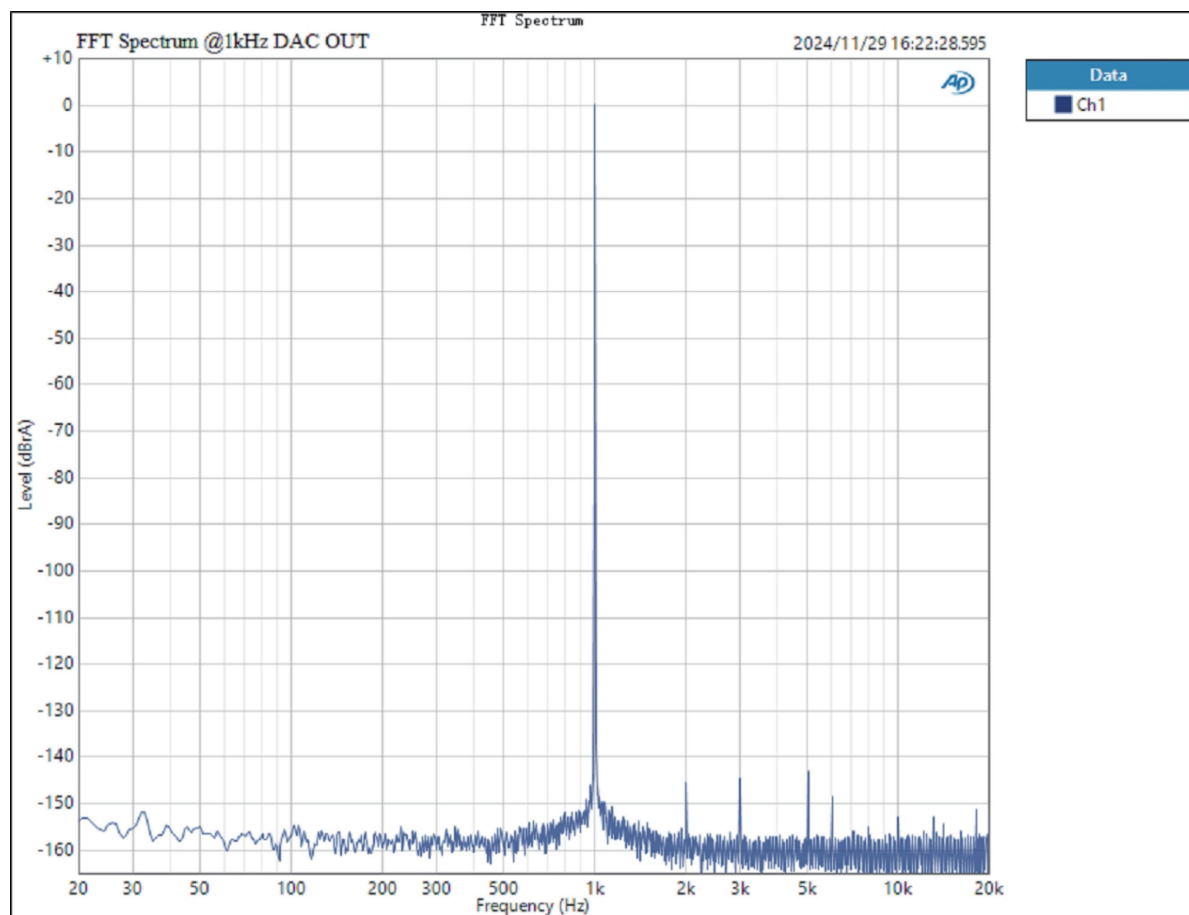
131.349 dB

0 20 40 60 80 100 120 140

Dynamic Range - AES17 (dB)



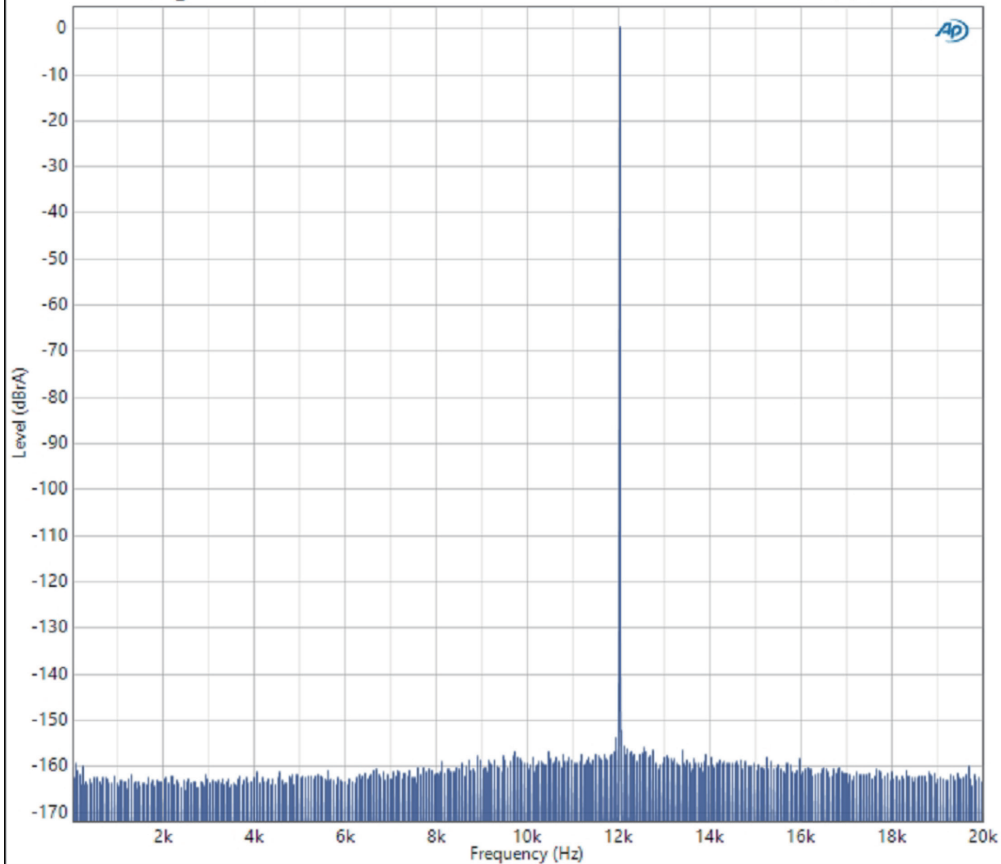




Jitter Test @ DAC OUT

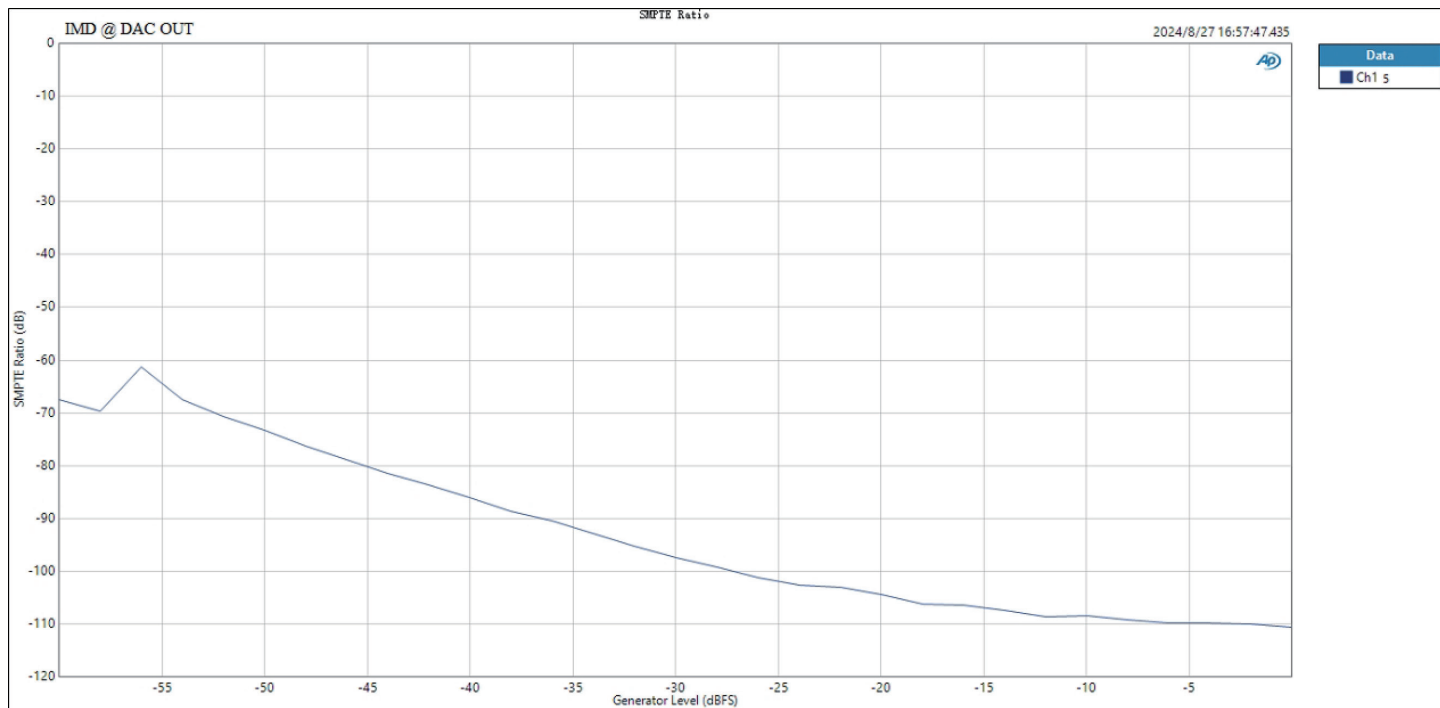
FFT Spectrum

2024/8/27 16:55:46.152



Data

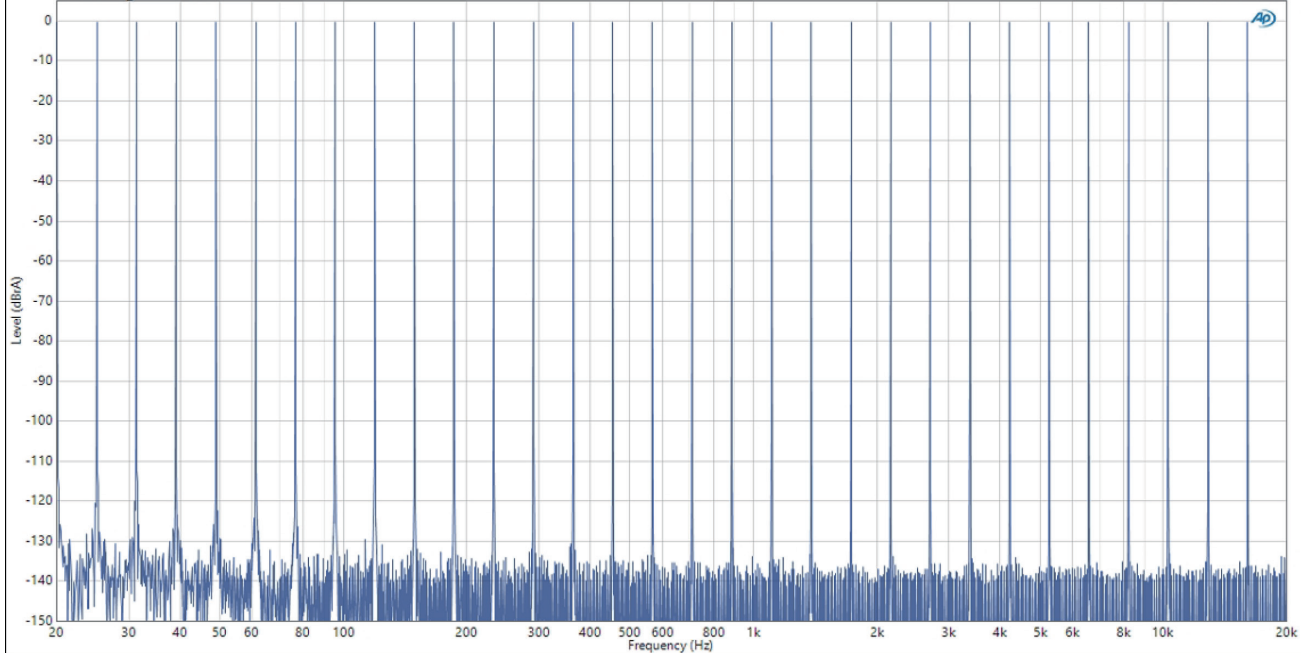
Ch2 5



FFT Spectrum

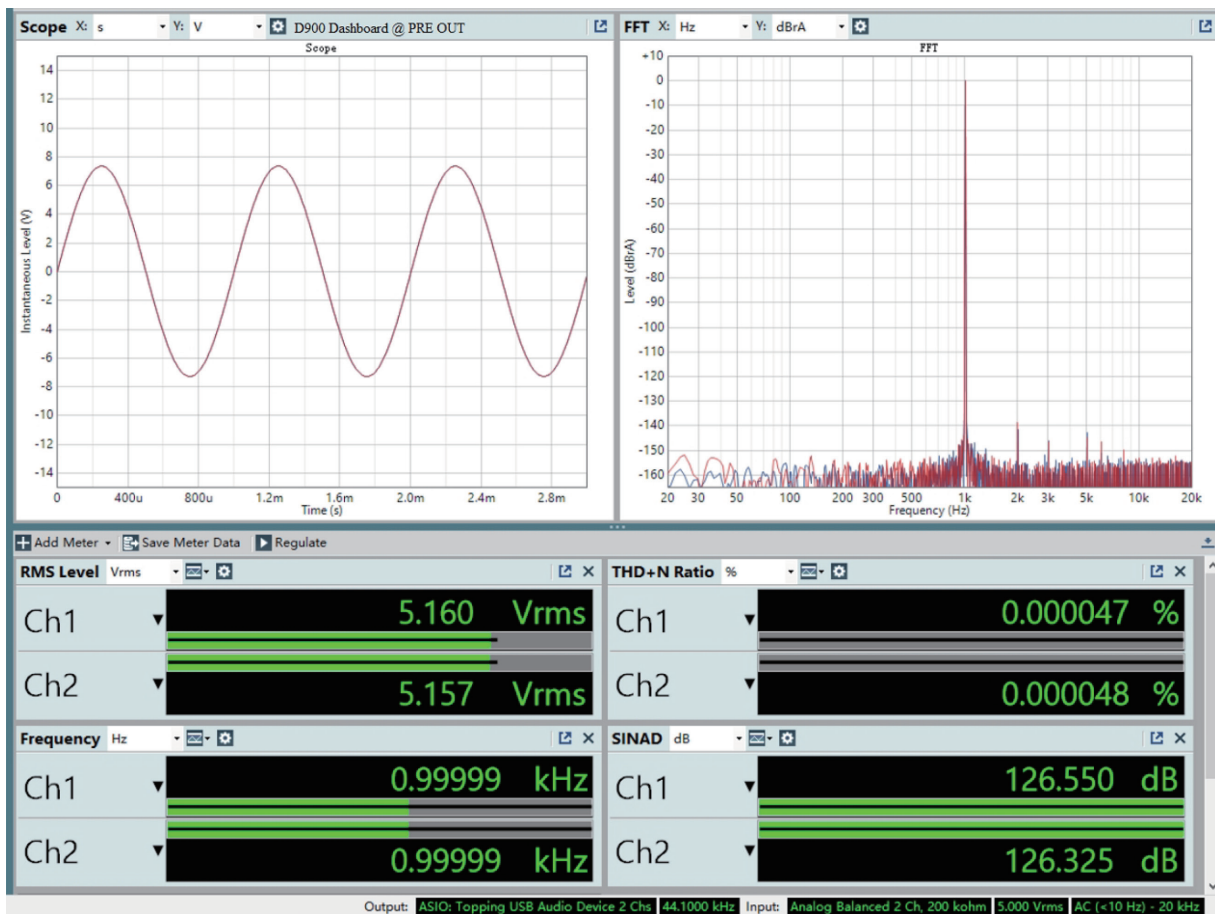
2024/8/27 17:01:03.073

Mutitone @ DAC OUT



Data

Ch2 8



SNR @ PRE OUT

Signal to Noise Ratio

2024/11/29 17:44:44.143



Ch1

131.023 dB

Ch2

131.066 dB

0 20 40 60 80 100 120 140

Signal to Noise Ratio (dB)

DNR @ PRE OUT

Dynamic Range - AES17

2024/11/29 17:45:04.737



Ch1

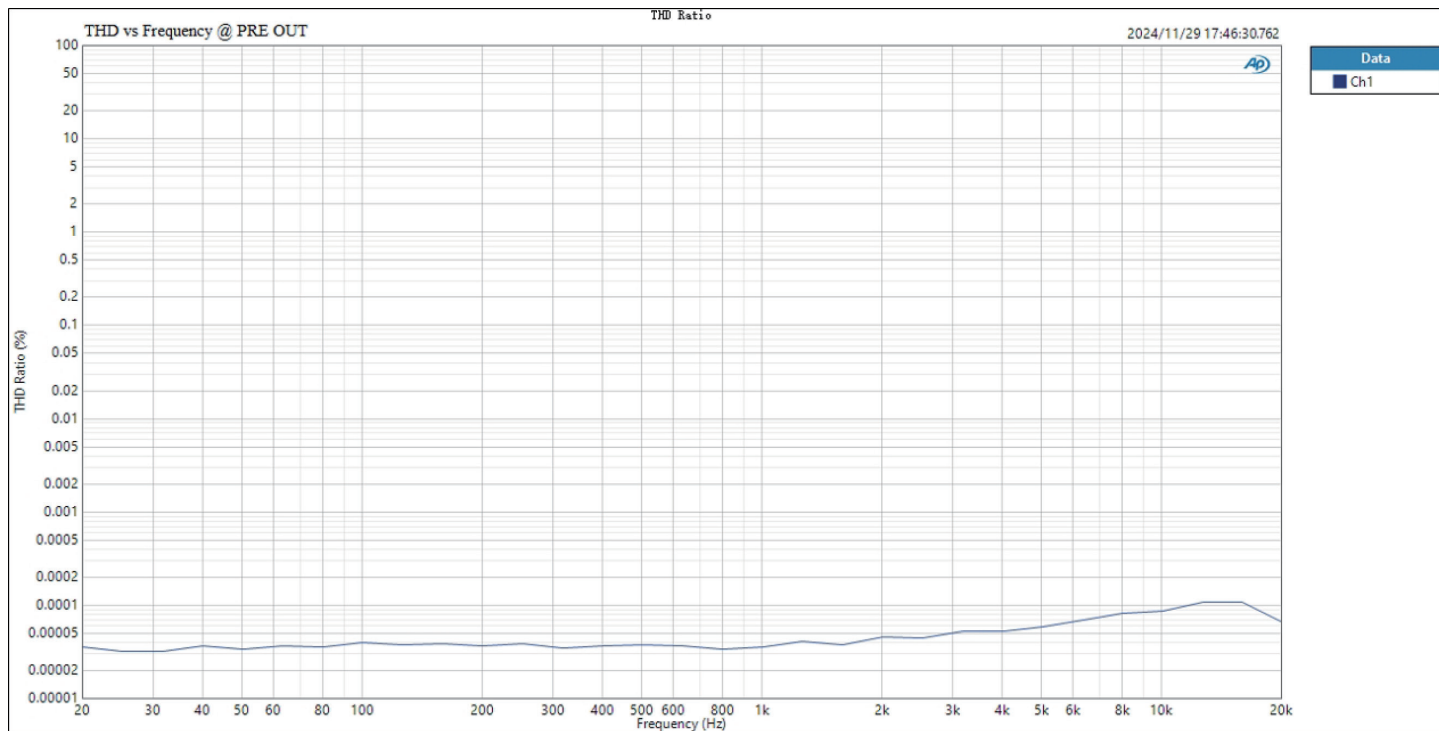
131.308 dB

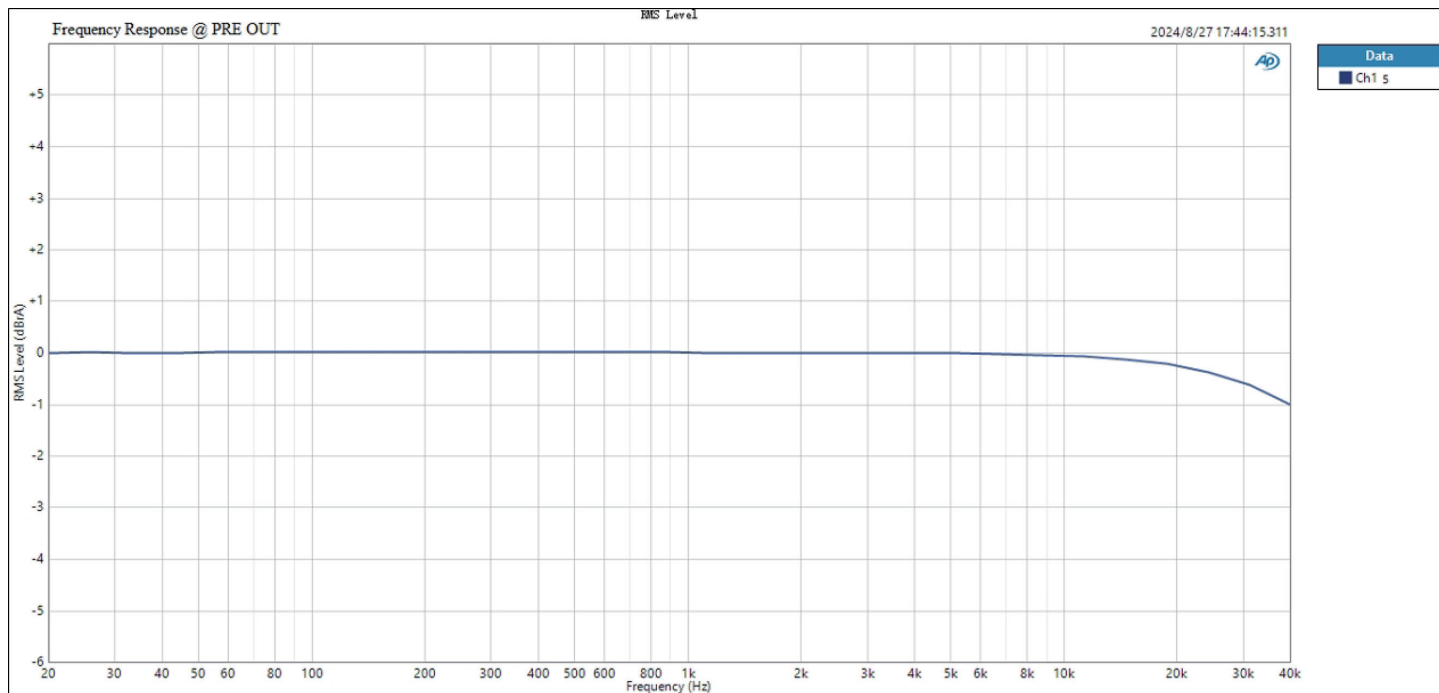
Ch2

131.161 dB

0 20 40 60 80 100 120 140

Dynamic Range - AES17 (dB)

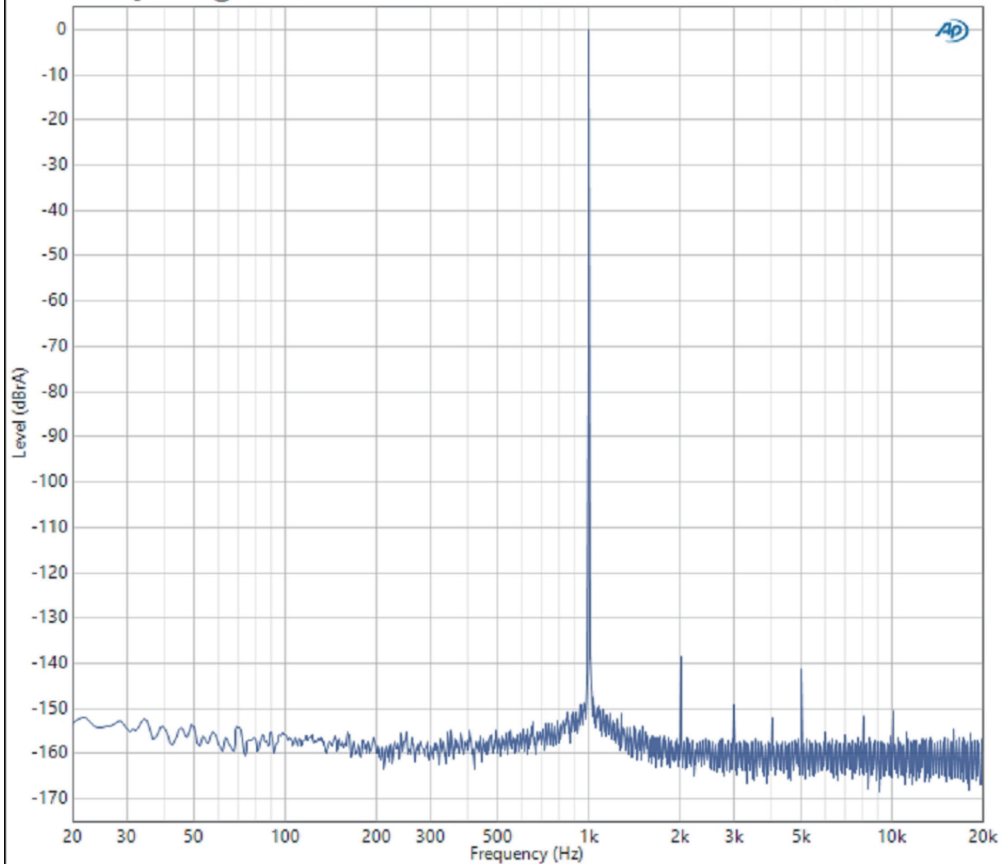




FFT Spectrum @1kHz PRE OUT

FFT Spectrum

2024/8/27 17:46:50.748



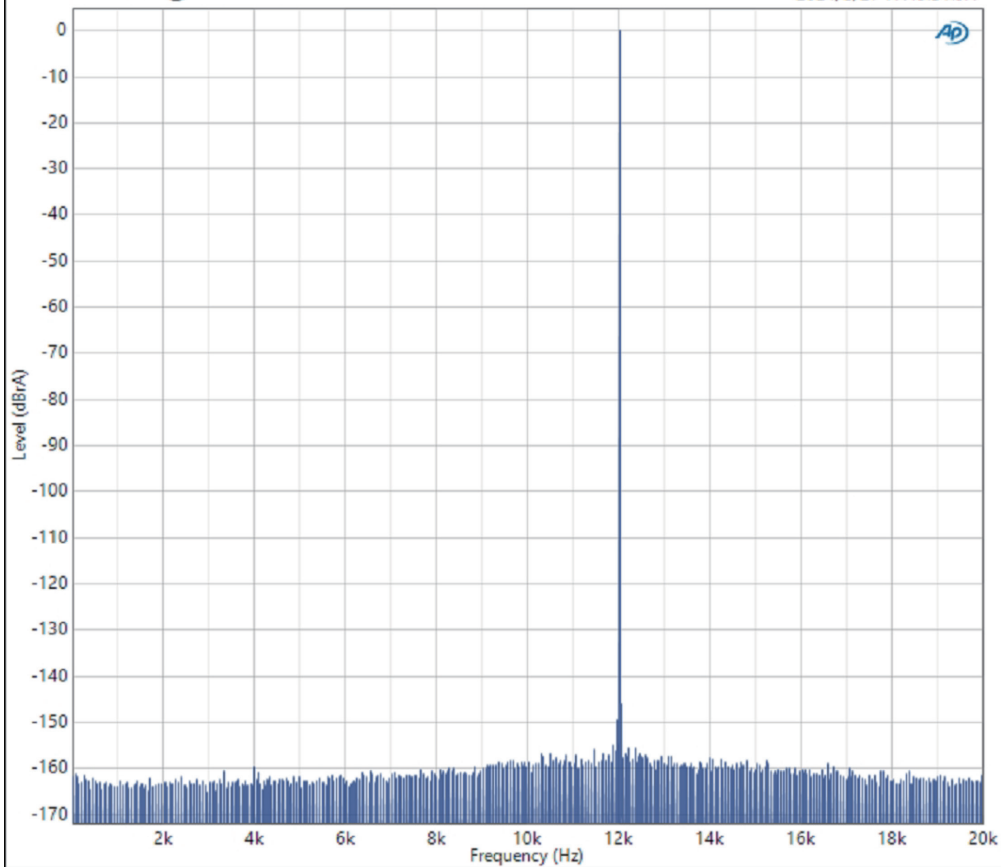
Data

■ Ch2 6

Jitter Test @ PRE OUT

FFT Spectrum

2024/8/27 17:49:31.677



Data

Ch2 6

