

TOPPING

DX5 II

使用手冊 

User Manual 

說明書 

Model: TP742
V1.0

目录

1. 包装内物品清单	1	7. 设置菜单	7
2. 产品基本属性	1	进入菜单和更改设置	7
3. 支持规格	1	菜单全览	7
4. 部件与名称	2	1. 显示	8
前面板	2	2. 输出设置	8
后面板	2	3. 输入选择	8
显示说明	3	4. PCM滤波器	8
遥控器说明	3	5. 开关机触发	9
5. 连接	4	6. PEQ配置	9
连接输入源	4	7. 高级	10
连接放大器或有源音箱	4	8. 语言	10
12V触发连接	5	9. 恢复出厂设置	10
6. 操作说明	5	8. 故障排除	11
开关机/待机操作	5	9. 注意事项	11
音量设置	6	10. 参数	12
输入通道切换	6	11. 附录	
输出设置	6		

1. 包装内物品清单

DX5 II主机	x 1
遥控器	x 1
USB数据线	x 1
6.35mm转3.5mm转接头	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

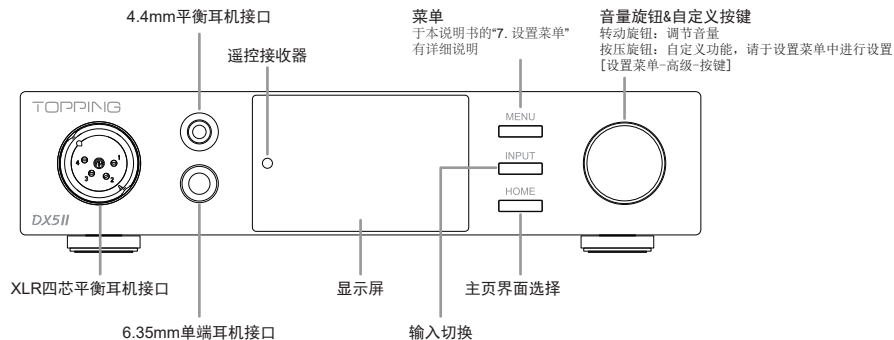
尺寸	19.0cm x 15.5cm x 4.4cm (包含突出部分)
单机重量	945g
电源	100-240VAC 50Hz/60Hz
输入接口	USB/BT/OPT/COAX
Line Out输出接口	XLR/RCA
耳放输出接口	6.35mm耳机接口
	4.4mm平衡耳机接口
	XLR四芯平衡耳机接口
其他控制接口	12V触发输入 (3.5mm插座)
	12V触发输出 (3.5mm插座)
蓝牙接收距离	>10米
显示	2.0寸LCD彩屏
控制方式	主机：3个按键+多功能旋钮
	无线：遥控器
待机功耗	<1.3W
正常工作功耗	<6W

3. 支持规格

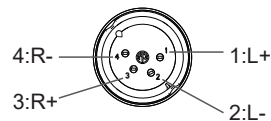
USB IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ	44.1kHz-192kHz/16bit-32bit
COAX/OPT IN	PCM	44.1kHz-192kHz/16bit-24bit
	DSD	DSD64 (DoP)
	PEQ	44.1kHz-192kHz/16bit-24bit
BT IN	AAC/SBC/APTX/APTX HD/APTX-Adaptive/LDAC	
	PEQ	44.1kHz-96kHz/16bit-24bit

4. 部件与名称

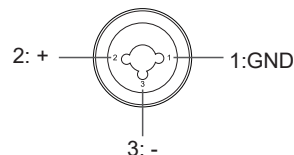
前面板



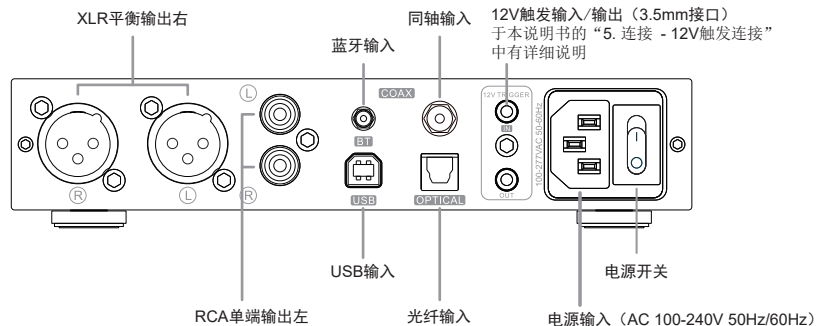
4-PIN-XLR



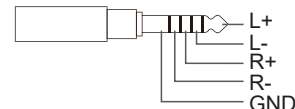
XLR IN



后面板



4.4mm平衡耳机插头



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HOME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]。

仅线路输出时（即关闭耳机输出），于[设置菜单-高级-解码模式]可设置前级模式和DAC模式，DX5 II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。

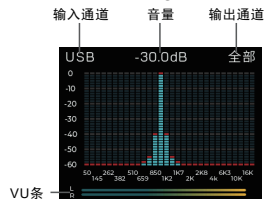
前级模式



常规

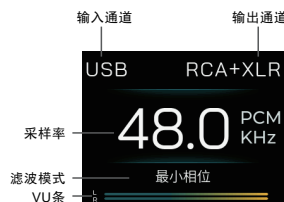


VU



FFT

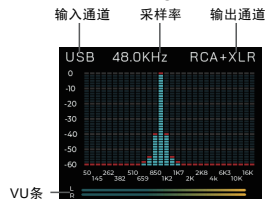
DAC模式



常规



VU

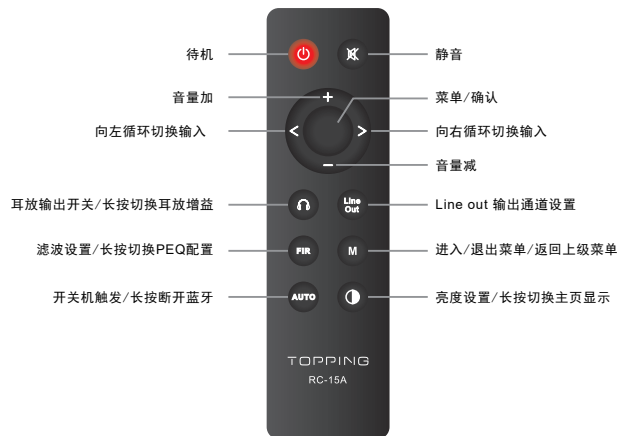


FFT

*VU表，VU条和FFT反应当前输入下XLR接口的输出幅值。（不受音量控制影响）

*VU表，VU条和FFT不支持DSD512。

遥控器说明



FIR

于“设置菜单”的“6. PEQ配置”中有详细说明

AUTO

于“设置菜单”的“5. 开关机触发”中有详细说明

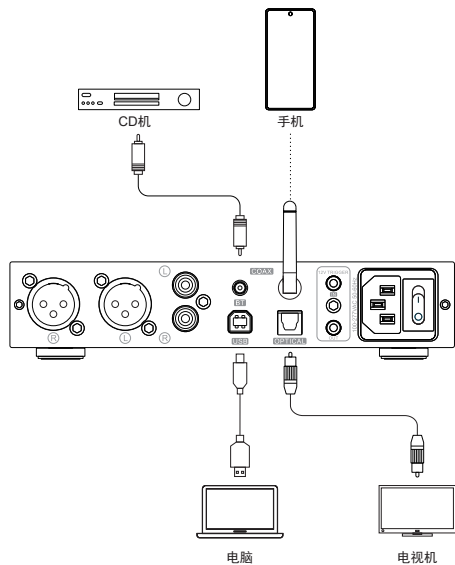
亮度

于“设置菜单”的“1-3亮度”中有详细说明

5. 连接

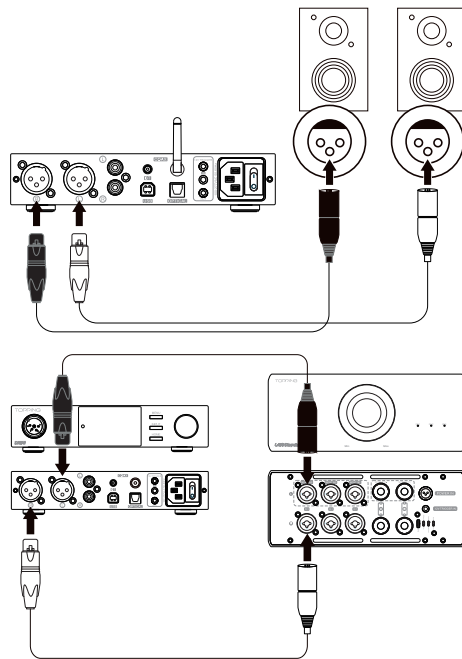
连接输入源

共4类输入接口可供选择：USB、光纤、同轴、蓝牙。



连接放大器或有源音箱

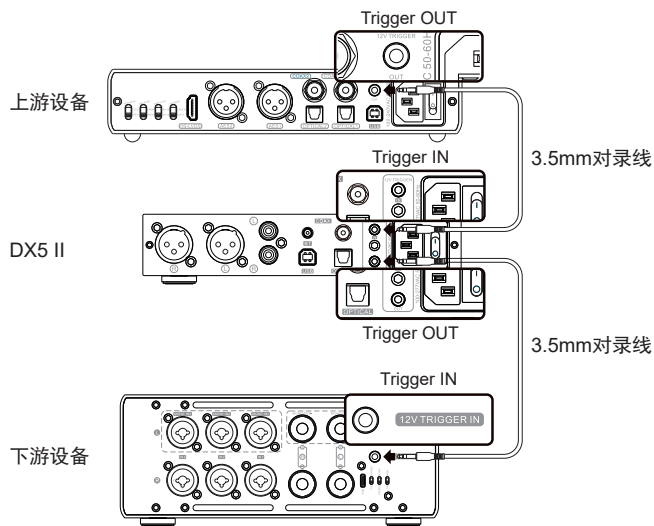
使用RCA或XLR线缆连接至放大器或有源音箱，连接前请先关闭放大器或有源音箱以免损坏设备。



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DX5 II开机/待机，DX5 II可控制Trigger Out所连接的下游设备开机/待机。

* 注意使用DX5 II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”

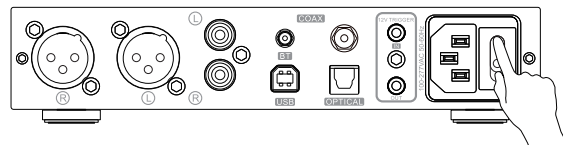


6. 操作说明

开关机/待机操作

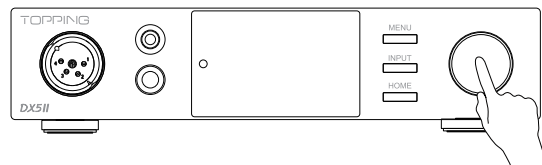
1. 开关机

打开或者关闭后面板的电源开关，即可实现DX5 II的开关机。



2. 待机、退出待机设置

使用前面板右侧的旋钮，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DX5 II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。

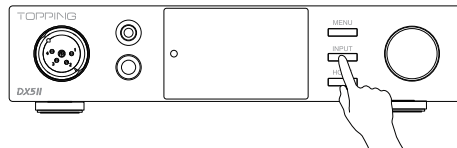
2. 音量大小调节

使用面板上的旋钮，或者遥控器上的 **+** 或 **-** 按键可以调节DX5 II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。

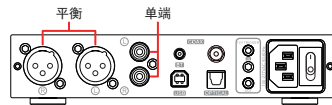
特别说明：在DAC模式下，音量固定为0dB，音量大小调节无效。[设置菜单-高级-解码模式]

输入通道切换

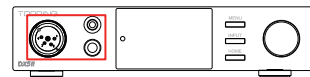
按压前面板的INPUT按键或者遥控器上的 **<** 或 **>** 按键即可依次循环切换输入。



输出设置



线路输出



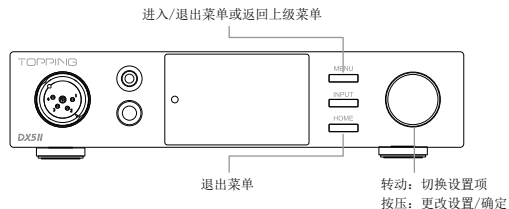
耳放输出

	可选项	使用遥控设置	在菜单中设置
线路输出	RCA/XLR/RCA+XLR/关	n	[设置菜单-输出设置-线路设置]
耳放输出	开/关	100	[设置菜单-输出设置-耳放输出]
耳放增益	低增益/高增益	长按 n	[设置菜单-输出设置-耳放增益]

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

设置	
1 显示	→
2 输出设置	全部
3 输入选择	USB
4 PCM滤波器	F-1
5 开关机触发	12V
6 PEQ配置	>
7 高级	>
8 语言	中文
9 恢复出厂设置	
返回	

显示	
1-1 主题	极光
1-2 主页	常规
1-3 亮度	中
1-4 经典VU 0dB幅值	+4dBu
1-5 VU条	全开
返回	

输出设置	
2-1 线路输出	单端+平衡
2-2 耳放输出	开
2-3 耳放增益	低增益
返回	

PEQ配置	
6-1 PEQ	启用
6-2 PEQ选择	无
返回	

高级	
7-1 通道平衡	°
7-2 解码模式	前级
7-3 蓝牙	启用
7-4 蓝牙aptX	启用
7-5 遥控器	启用
7-6 按键	输出选择
7-7 USB	UAC2.0
返回	

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，DX5 II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. 输出设置

2-1 线路输出

RCA、XLR、RCA+XLR（默认）、关

2-2 耳放输出

开（默认）、关

3-2 耳放增益

低增益（默认）、高增益

3. 输入选择

USB（默认）、光纤、同轴、蓝牙

4. PCM滤波器

F-1: 最小相位（默认）

F-2: 线性相位快速滚降变迹

F-3: 线性相位快速滚降

F-4: 线性相位快速滚降低纹波

F-5: 线性相位慢速滚降

F-6: 最小相位快速滚降

F-7: 最小相位慢速滚降

F-8: 最小相位慢速滚降低扩散

5. 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DX5 II的触发输入后，可控制DX5 II开机/进入待机。当触发输入接口检测到12V信号从无到有时，DX5 II会自动开机；当检测到12V信号从有到无时，DX5 II自动进入待机状态。

关闭：关闭该功能

6. PEQ配置

6-1 PEQ

禁用（默认）、启用

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

6-2 PEQ选择

内置了5款常见耳机的哈曼曲线配置。另外还可通过Topping Tune软件保存5个自定义的配置到DX5 II上，DX5 II可离线使用该配置。

注意：TOPPING Tune运行时，无法在DX5 II上切换配置，需退出TOPPING Tune。

7. 高级

7-1 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。

7-2 解码模式

前级：音量可调（默认）

DAC：保持最大音量输出，音量不可调

注意：该设置在仅线路输出时生效，即需要关闭耳机输出，可通过
[设置菜单-输出设置-耳放输出] 或 按压遥控  按键关闭耳机输出。

7-3 蓝牙

启用（默认）、禁用

7-4 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-X-Adaptive编码，使用其余编码（视手机而定）。

7-5 遥控器

启用（默认）、禁用

7-6 按键

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、PCM滤波器选择、PEQ选择、静音、输入选择

7-7 USB

UAC2.0（默认）、UAC1.0

8. 语言

English、中文

9. 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

DX5 II解码参数一览表 (LineOut/USB In@96kHz)		
	RCA	XLR
总谐波失真加噪声 @1kHz (A-wt)	<0.00008%	<0.00006%
总谐波失真 @20-20kHz 90kBw	<0.0005%	<0.00015%
信噪比 @1kHz (A-wt)	128dB	132dB
动态范围 @1kHz (A-wt)	128dB	132dB
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	2.5Vrms @0dBFS	2.5Vrms @0dBFS
底噪 @A-wt	<1.1uVrms	<1.3uVrms
声道串扰	-135dB @1kHz	-147dB @1kHz
声道平衡度	0.3 dB	0.3 dB
输出内阻	50 Ω	100 Ω

*说明：以上数据是TOPPING实验室在AC220V 50Hz的条件下测试得到的结果。

DX5 II耳放参数一览表		
	6.35mm耳机接口	4.4mm/XLR-4pin耳机接口
总谐波失真加噪声 @1kHz (A-wt)	<0.00008% @Output=200mW (32Ω)	<0.00008% @Output=850mW (32Ω)
	<0.00007% @Output=22mW (300Ω)	<0.00007% @Output=90mW (300Ω)
总谐波失真 @20-20kHz (45kBW)	<0.00060% @Output=200mW (32Ω)	<0.00050% @Output=850mW (32Ω)
	<0.00050% @Output=22mW (300Ω)	<0.00050% @Output=90mW (300Ω)
信噪比 @MAX OUT 1kHz (A-wt)	128dB @1kHz	133dB @1kHz
动态范围 @1kHz (A-wt)	128dB @1kHz	133dB @1kHz
频率响应	20Hz-20kHz (±0.3dB)	20Hz-20kHz (±0.3dB)
	20Hz-20kHz (±1.0dB)	20Hz-20kHz (±1.0dB)
输出幅值	7.2Vpp @G=L	15.0Vpp @G=L
	24.2Vpp @G=H	48.0Vpp @G=H
底噪 (A-wt)	<1.8uVrms @G=L	<2.0uVrms @G=L
	<2.5uVrms @G=H	<4.3uVrms @G=H
声道串扰	-127dB @1kHz	-143dB @1kHz
增益	G=L 8.6dB (Vrms/FS)	G=L 14.6dB (Vrms/FS)
	G=H 18.7dB (Vrms/FS)	G=H 24.7dB (Vrms/FS)
声道平衡度	0.3 dB	0.3 dB
输出阻抗	<0.1Ω	<0.1Ω
输出功率	3300mW x 2 @16Ω THD+N<1%	7600mW x 2 @16Ω THD+N<1%
	2200mW x 2 @32Ω THD+N<1%	6400mW x 2 @32Ω THD+N<1%
	1160mW x 2 @64Ω THD+N<1%	4300mW x 2 @64Ω THD+N<1%
	250mW x 2 @300Ω THD+N<1%	990mW x 2 @300Ω THD+N<1%
	120mW x 2 @600Ω THD+N<1%	490mW x 2 @600Ω THD+N<1%
适配阻抗	>8Ω	>8Ω

*说明：以上数据是TOPPING实验室在AC220V 50Hz的条件下测试得到的结果。

Catalog

1. Contents list	1	7. Setup Menu	7
2. Attribute	1	Enter menu and change settings	7
3. Input range	1	Menu Overview	7
4. Parts and names	2	1. Display	8
Front panel	2	2. Output settings	8
Rear panel	2	3. Input select	8
Display	3	4. PCM Filter	8
Remote control	3	5. On/Off trigger	9
5. Connection	4	6. PEQ config	9
Connect to the input source	4	7. Advanced	10
Connect to amplifier or active speakers	4	8. Language	10
Connect 12V Trigger	5	9. Factory reset	10
6. Operation	5	8. Trouble shooting	11
Power on & off / standby operation	5	9. Precautions	11
Volume setting	6	10. Specifications	12
Input channel switching	6	11. Appendix	
Output setting	6		

1.Contents list

DX5 II	x 1
Remote control	x 1
USB cable	x 1
6.35mm to 3.5mm Adaptor	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

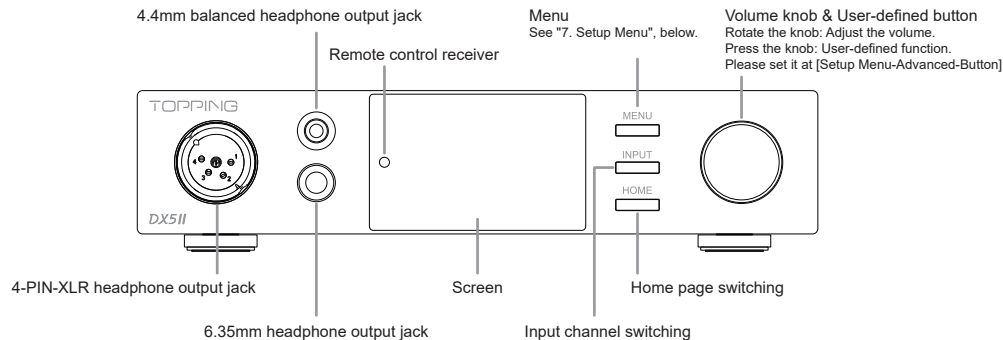
Measured	19.0cm x 15.5cm x 4.4cm (Include protruding parts)
Weight	945g
Power input	100-240VAC 50Hz/60Hz
Signal input	USB/BT/OPT/COAX
Line Out output	XLR/RCA
Headphone Amplifier output	6.35mm headphone output jack
	4.4mm headphone output jack
	4-PIN-XLR headphone output jack
Other connectors	12V Trigger In (3.5mm jack)
	12V Trigger Out (3.5mm jack)
Bluetooth range	>10M
Display	2inch LCD
Control	3 buttons + multifunction knob
	+ remote control
Standby power consumption	<1.3W
Power consumption	<6W

3.Input range

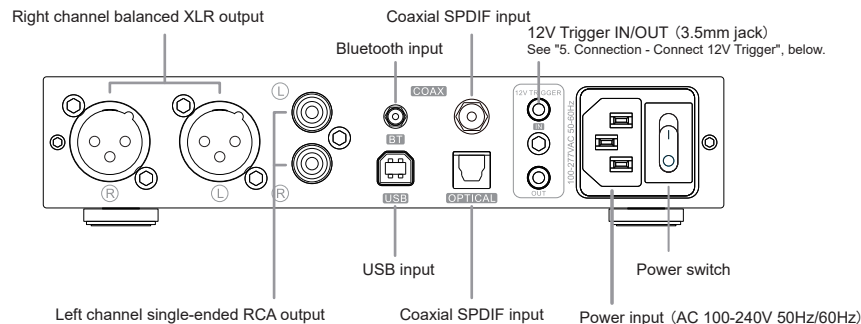
USB IN	PCM	44.1kHz-768kHz/16bit-32bit
	DSD	DSD64-DSD512 (Native) , DSD64-DSD256 (DoP)
	PEQ	44.1kHz-192kHz/16bit-32bit
COAX/OPT IN	PCM	44.1kHz-192kHz/16bit-24bit
	DSD	DSD64 (DoP)
	PEQ	44.1kHz-192kHz/16bit-24bit
BT IN	AAC/SBC/APTX/APTX HD/APTX-Adaptive/LDAC	
	PEQ	44.1kHz-96kHz/16bit-24bit

4.Parts and names

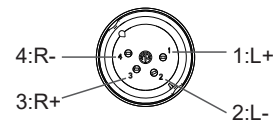
Front panel



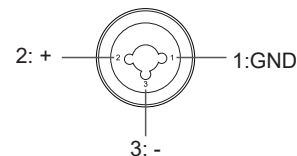
Rear panel



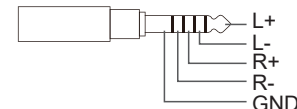
4-PIN-XLR



XLR IN



4.4mm balanced headphone plug



Display

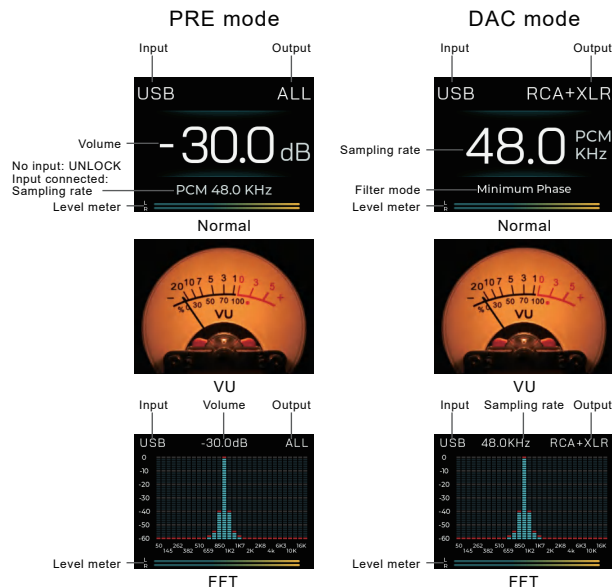
There are three types of home page displays: Normal, VU and FFT, which can be switched by touching the HOME button on the front panel or set in the menu [Setup Menu-Display-Home].

When only line output is available (i.e. headphone output is turned off), PRE mode and DAC mode can be set in [Setup menu-Advanced-DAC mode]

PRE mode: Volume is adjustable.

DAC mode: DX5 II keeps the maximum volume output and the volume is not adjustable.

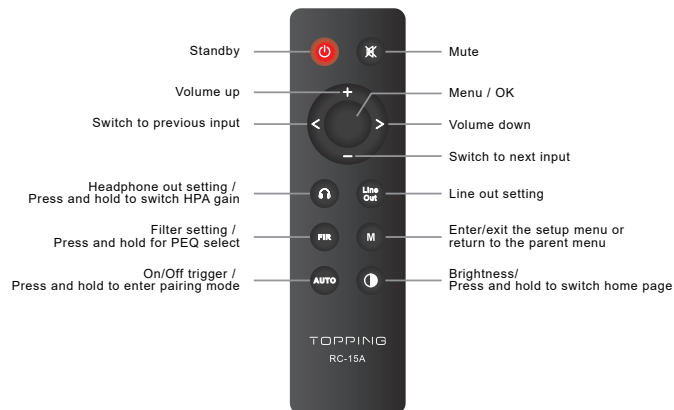
The home page display in DAC mode and PRE mode will be slightly different.



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

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

Remote control



PIR

See "6. PEQ config" in the "Setup Menu", below.

AUTO

See "5. On/Off trigger" in the "Setup Menu", below.

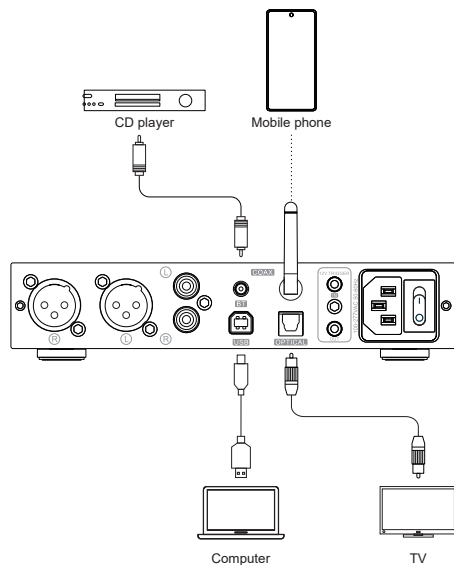
Brightness

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

5.Connection

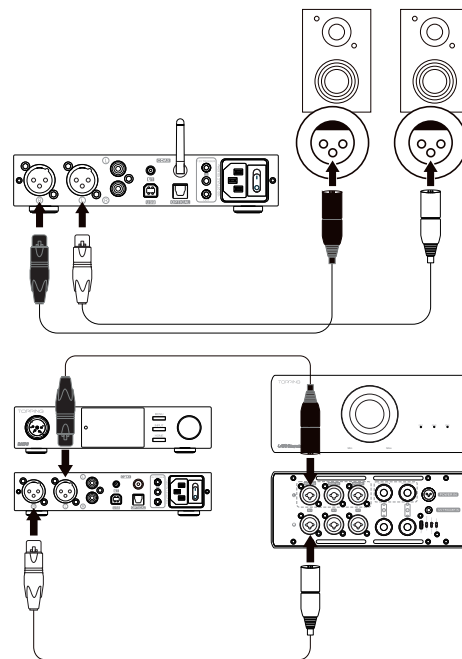
Connect to the input source

Support USB, Coaxial, Optical, Bluetooth input.



Connect to amplifier or active speakers

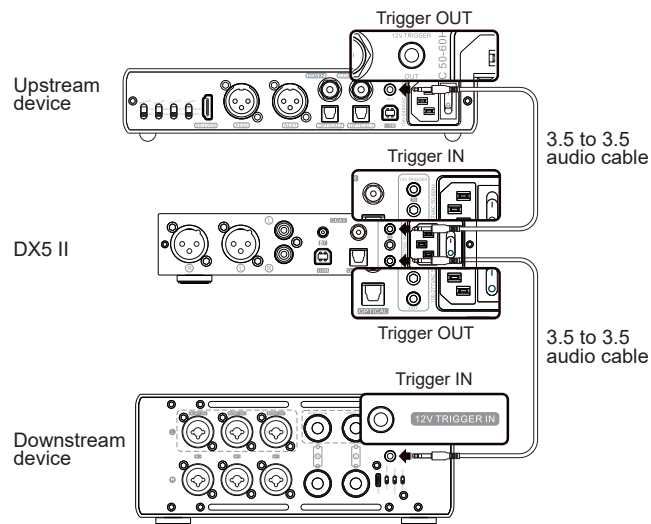
Use XLR or RCA cables to connect to amplifiers or active speakers. In order to avoid damage to your devices, please turn off the amplifier or active speakers before you connect them to DX5 II.



Connect 12V Trigger

The 12V Trigger IN/OUT allows the DX5 II 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 DX5 II, and the downstream device connected to Trigger Out can be controlled by DX5 II.

*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".

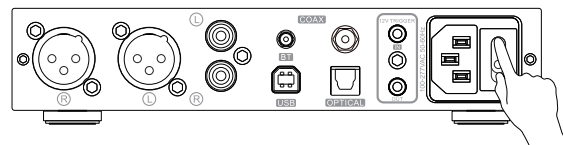


6.Operation

Power on & off / standby operation

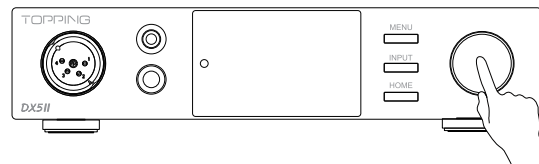
1. Power on & off

Press the power switch on the rear panel to turn the DX5 II on or off.



2. Standby setting

Short press the knob to turn on the unit, press and hold to enter standby state. Or you could use the remote control.



Volume setting

1. Mute and unmute

Press the mute button on the remote control to mute DX5 II, press the mute button again or adjust the volume to exit mute state.

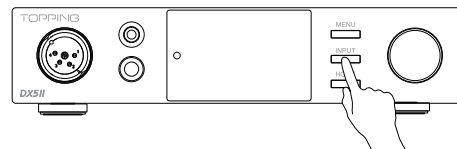
2. Volume adjusting

You can use the knob 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.

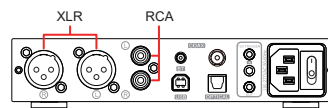
Note: Volume is fixed to 0dB in DAC mode and volume adjusting is invalid in this mode. [Setup menu-Advanced-DAC mode]

Input channel switching

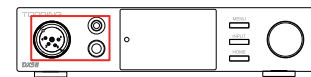
Press the INPUT button on the front panel or press the **<** or **>** button on the remote control to switch the input circularly.



Output setting



Line out



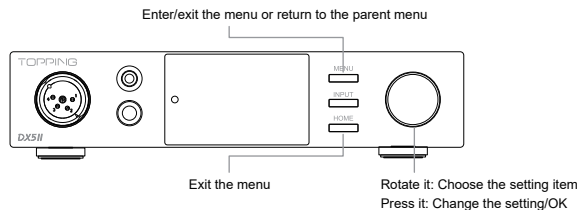
HPA out

	Option	Set by the remote	Set in the setup menu
Line out	RCA/XLR/RCA+XLR/OFF		[Setup menu-Output settings-Line out]
HPA out	ON/OFF		[Setup menu-Output settings-HPA out]
HPA gain	LOW/HIGH	Long press	[Setup menu-Output settings-HPA gain]

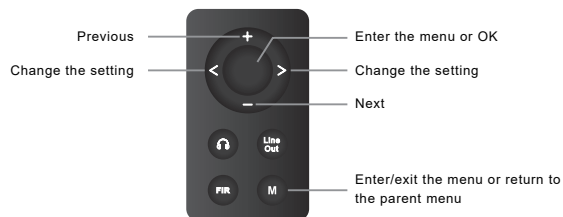
7.Setup Menu

Enter menu and change settings

1. Buttons on front panel



2. The remote control



Menu Overview

Setup	
1	Display
2	Output settings
3	Input select
4	PCM Filter
5	On/Off trigger
6	PEQ config
7	Advanced
8	Language
9	Factory reset
	Return

Display	
1-1	Theme
1-2	Home
1-3	Brightness
1-4	Classic VU 0dB
1-5	Level meter
	Return

Output settings	
2-1	Line out
2-2	HPA out
2-3	HPA gain
	Return

PEQ config	
6-1	PEQ
6-2	PEQ select
	Return

Advanced	
7-1	Channel balance
7-2	DAC mode
7-3	Bluetooth
7-4	BT APTX
7-5	Remote
7-6	Button
7-7	USB
	Return

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 DX5 II is +4dBu. +4dBu (Default) , +10dBu

1-5 Level meter

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

2. Output settings

2-1 Line out

RCA, XLR, RCA+XLR (Default) , OFF

2-2 HPA out

ON (Default) , OFF

3-2 HPA gain

Low (Default), High

3. Input select

USB (Default) , OPT, COAX, BT

4. PCM Filter

F-1: Minimum Phase (Default)

F-2: Linear Phase Fast Roll-Off Apodizing

F-3: Linear Phase Fast Roll-Off

F-4: Linear Phase Fast Roll-Off Low Ripple

F-5: Linear Phase Slow Roll-Off

F-6: Minimum Phase Fast Roll-Off

F-7: Minimum Phase Slow Roll-Off

F-8: Minimum Phase Slow Roll-Off Low Dispersion

5. 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 DX5 II's Trigger In is connected to another device's 12V Trigger Out, DX5 II's on/standby state can be controlled through this device. The DX5 II will remain in standby state until Trigger In detects the signal change from 0V to 12V. When changing back to 0V, the DX5 II will return to standby state.

Off: Disabled this function.

6. PEQ config

6-1 PEQ

Enabled (Default) , Disabled

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

6-2 PEQ select

The device comes with five headphones in a Harman Curve configuration. Additionally, you can save five custom configurations to the DX5 II using the Topping Tune software. The DX5 II can then use these configurations offline. Note: When TOPPING Tune is running, you cannot switch configurations on the DX5 II, you need to exit TOPPING Tune.

7. Advanced

7-1 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.

7-2 DAC mode

PRE: Volume is adjustable. (Default)

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

Note: This setting takes effect when only the line output works, i.e., you need to turn off the headphone output, which can be turned off via [Setup menu-Output settings-HPA out] or by pressing the remote  button.

7-3 Bluetooth

Enabled (Default) , Disabled

7-4 BT APTX

Enabled (Default) , Disabled

The DX5 II supports multiple Bluetooth codecs. When set to OFF, the APTX-Adaptive will be disabled, allowing the use of other codecs (depending on the phone) .

7-5 Remote

Enabled (Default) , Disabled

7-6 Button

Customize the function of the press knob.

Output select (Default), Home select, Brightness select, Dim the screen, PCM filter select, PEQ select, Mute, Input select

7-7 USB

UAC2.0 (Default) , UAC1.0

8. Language

English、 中文

9. 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 DX5 II.
5. For improvement purposes, specifications subject to changes without prior notice.

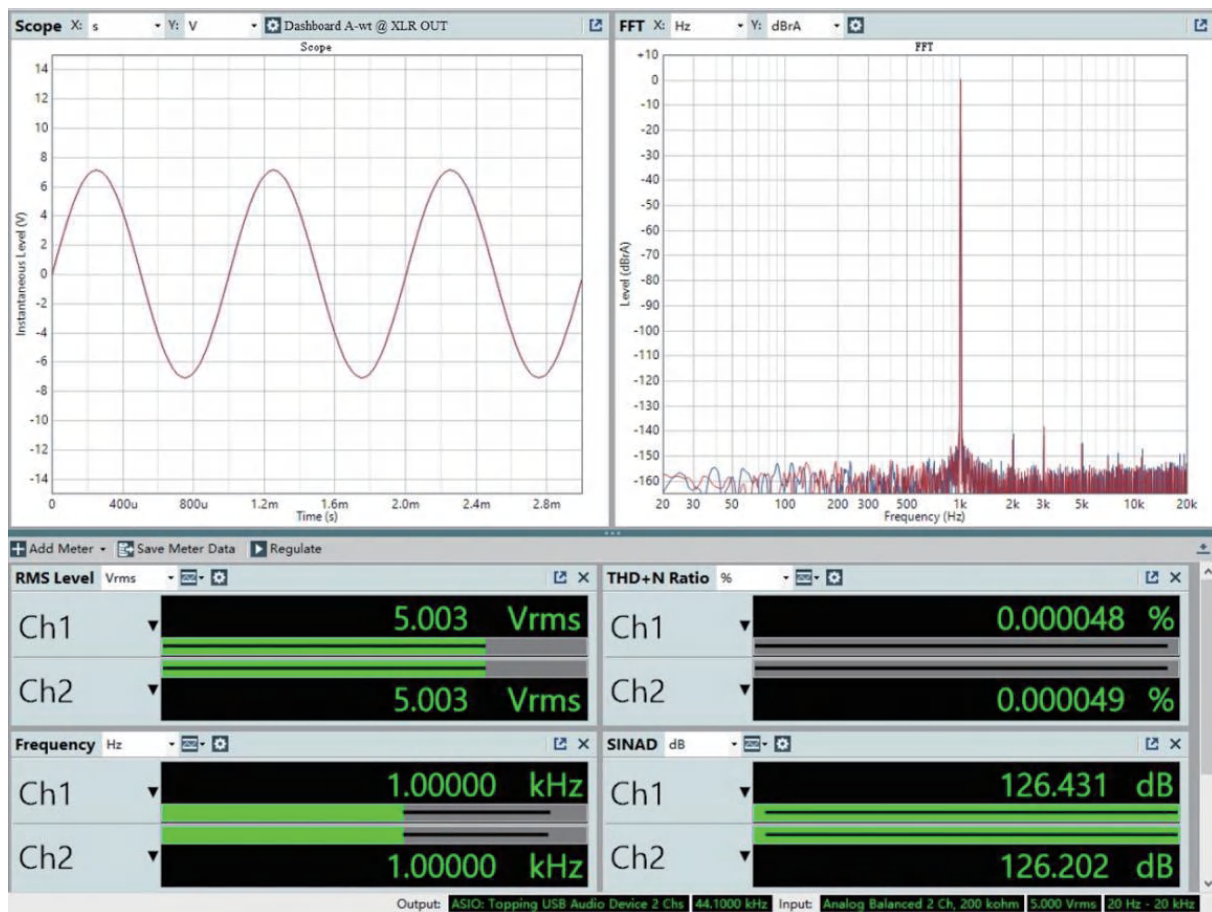
10.Specifications

DX5 II DAC parameters (LineOut/USB In@96kHz)		
	RCA	XLR
THD+N @1kHz (A-wt)	<0.00008%	<0.00006%
THD @20-20kHz 90kBw	<0.0005%	<0.00015%
SNR @1kHz (A-wt)	128dB	132dB
Dynamic Range @1kHz (A-wt)	128dB	132dB
Frequency Response	20Hz-20kHz (±0.3dB)	20Hz-20kHz (±0.3dB)
	20Hz-40kHz (±1.0dB)	20Hz-40kHz (±1.0dB)
Output Level	2.5Vrms @0dBFS	2.5Vrms @0dBFS
Noise @A-wt	<1.1uVrms	<1.3uVrms
Channel Crosstalk	-135dB @1kHz	-147dB @1kHz
Channel Balance	0.3 dB	0.3 dB
Output Impedance	50Ω	100Ω

*Note: The above data is the result of the test in TOPPING laboratory under AC220V 50Hz condition.

DX5 II Headphone Amplifier specifications		
	6.35mm headphone jack	4.4mm/4-pin-XLR headphone jack
THD+N @1kHz (A-wt)	<0.00008% @Output=200mW (32Ω)	<0.00008% @Output=850mW (32Ω)
	<0.00007% @Output=22mW (300Ω)	<0.00007% @Output=90mW (300Ω)
THD @20-20kHz (45kBW)	<0.00060% @Output=200mW (32Ω)	<0.00050% @Output=850mW (32Ω)
	<0.00050% @Output=22mW (300Ω)	<0.00050% @Output=90mW (300Ω)
SNR @MAX OUT 1kHz (A-wt)	128dB @1kHz	133dB @1kHz
Dynamic Range @1kHz (A-wt)	128dB @1kHz	133dB @1kHz
Frequency Response	20Hz-20kHz (±0.3dB)	20Hz-20kHz (±0.3dB)
	20Hz-20kHz (±1.0dB)	20Hz-20kHz (±1.0dB)
Output Level	7.2Vpp @G=L	15.0Vpp @G=L
	24.2Vpp @G=H	48.0Vpp @G=H
Noise (A-wt)	<1.8uVrms @G=L	<2.0uVrms @G=L
	<2.5uVrms @G=H	<4.3uVrms @G=H
Channel Crosstalk	-127dB @1kHz	-143dB @1kHz
Gain	G=L 8.6dB (Vrms/FS)	G=L 14.6dB (Vrms/FS)
	G=H 18.7dB (Vrms/FS)	G=H 24.7dB (Vrms/FS)
Channel Balance	0.3 dB	0.3 dB
Output Impedance	<0.1Ω	<0.1Ω
Output Power	3300mW x 2 @16Ω THD+N<1%	7600mW x 2 @16Ω THD+N<1%
	2200mW x 2 @32Ω THD+N<1%	6400mW x 2 @32Ω THD+N<1%
	1160mW x 2 @64Ω THD+N<1%	4300mW x 2 @64Ω THD+N<1%
	250mW x 2 @300Ω THD+N<1%	990mW x 2 @300Ω THD+N<1%
	120mW x 2 @600Ω THD+N<1%	490mW x 2 @600Ω THD+N<1%
Load impedance	>8Ω	>8Ω

*Note: The above data is the result of the test in TOPPING laboratory under AC220V 50Hz condition.



SNR @ XLR OUT

Signal to Noise Ratio

2025/1/16 11:09:05.882



Ch1

131.812 dB

Ch2

132.132 dB

0 20 40 60 80 100 120 140

Signal to Noise Ratio (dB)

DNR @ XLR OUT

Dynamic Range - AES17

2025/1/16 11:09:19.300



Ch1

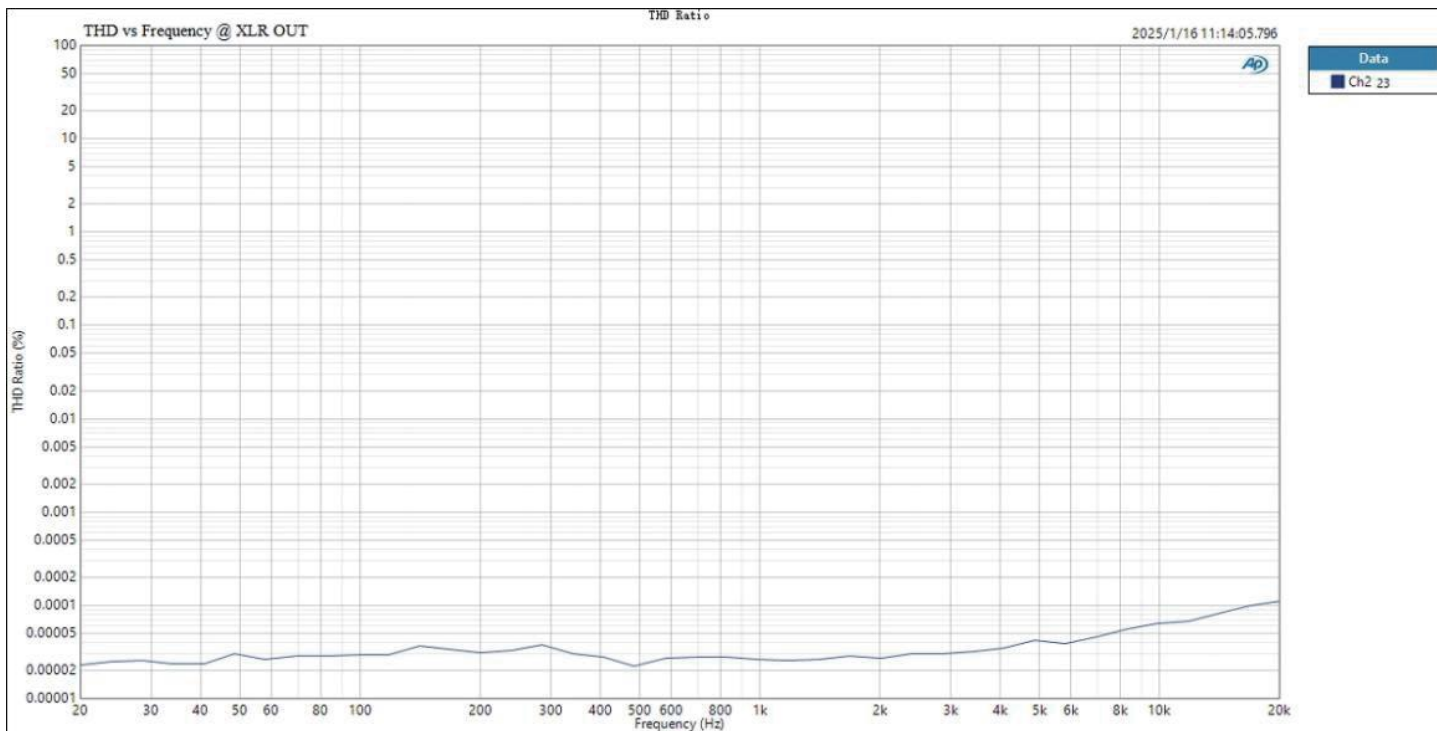
132.038 dB

Ch2

132.429 dB

0 20 40 60 80 100 120 140

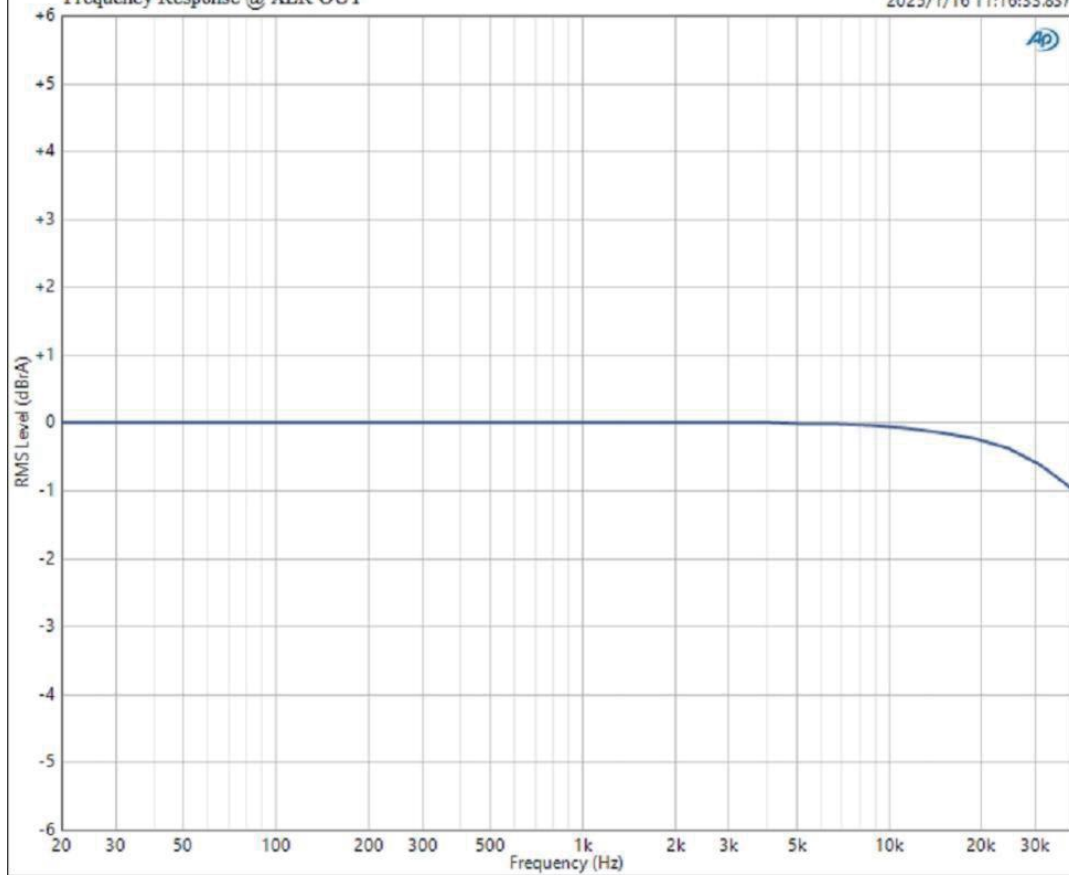
Dynamic Range - AES17 (dB)



Frequency Response @ XLR OUT

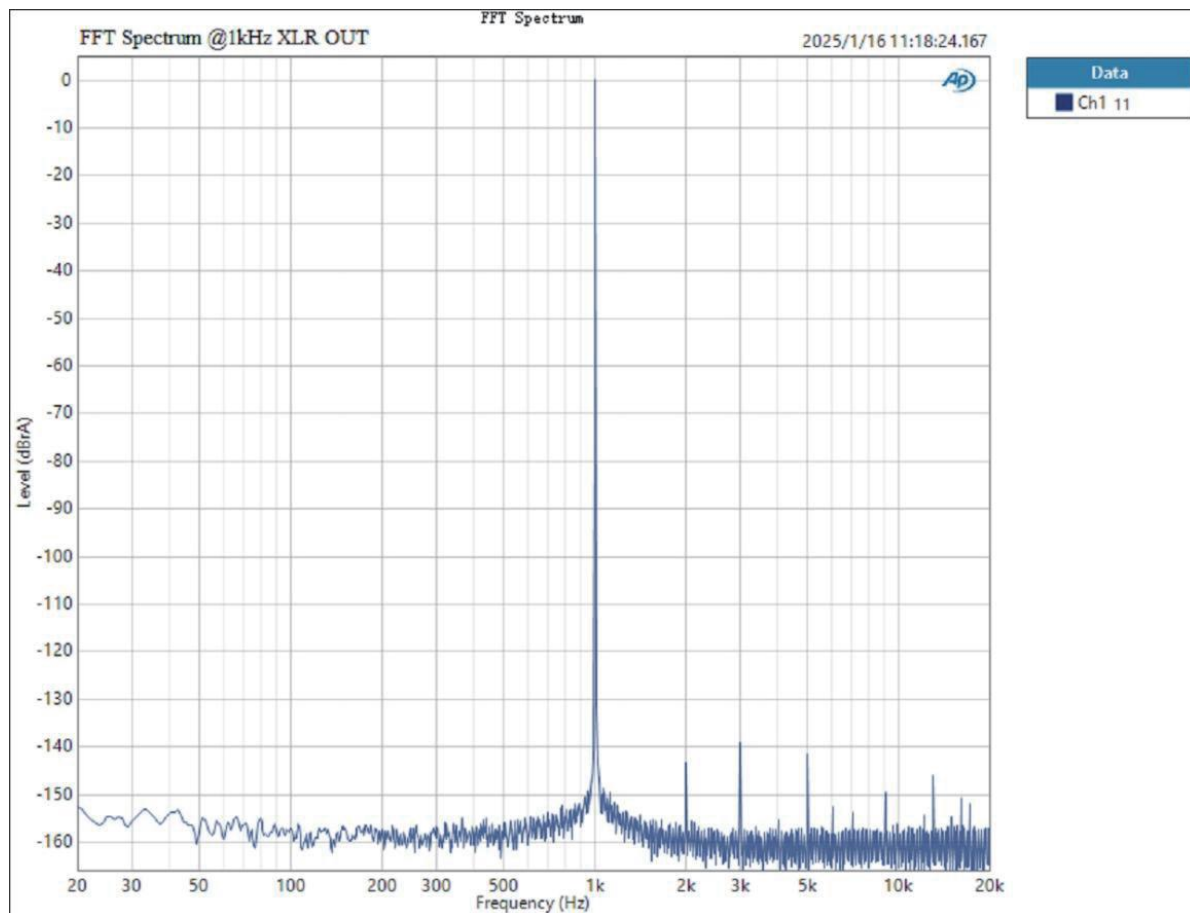
RMS Level

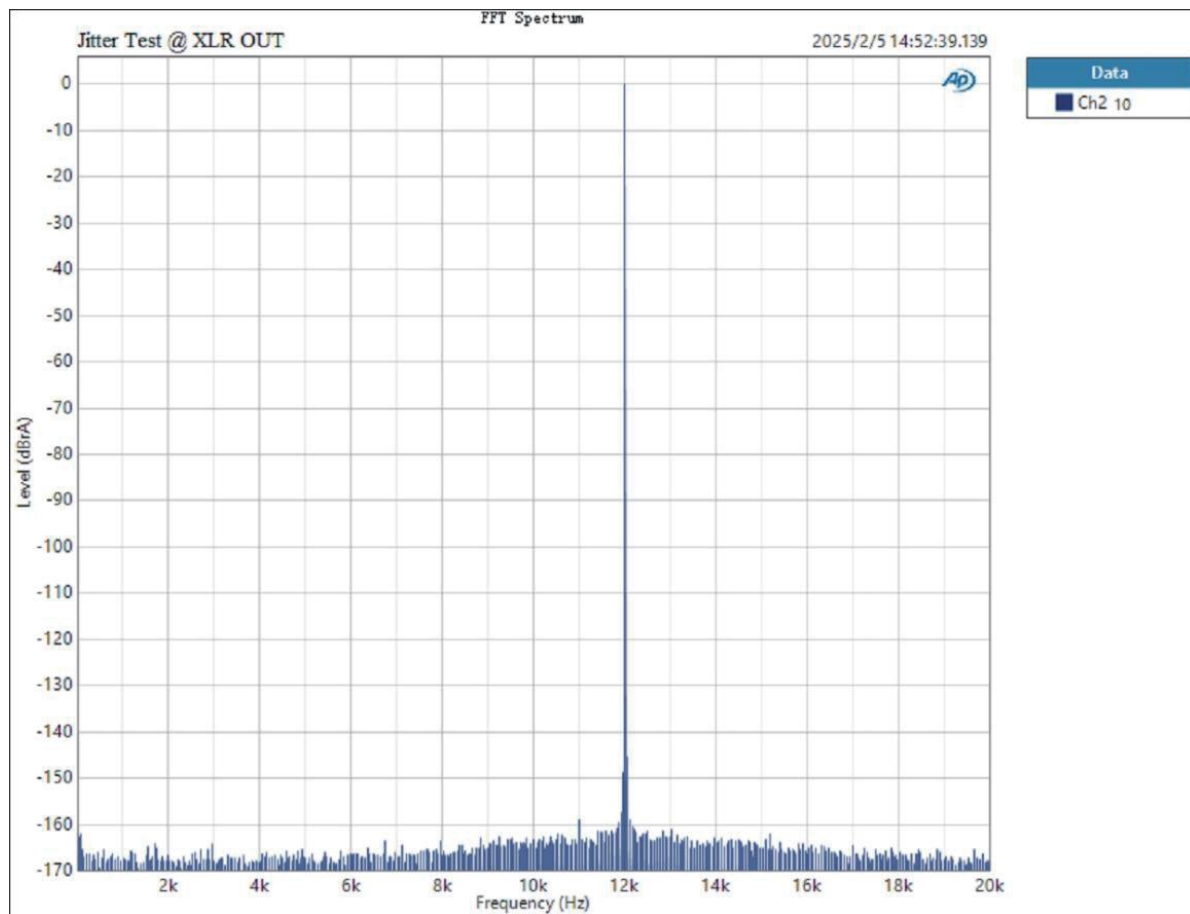
2025/1/16 11:16:33.837

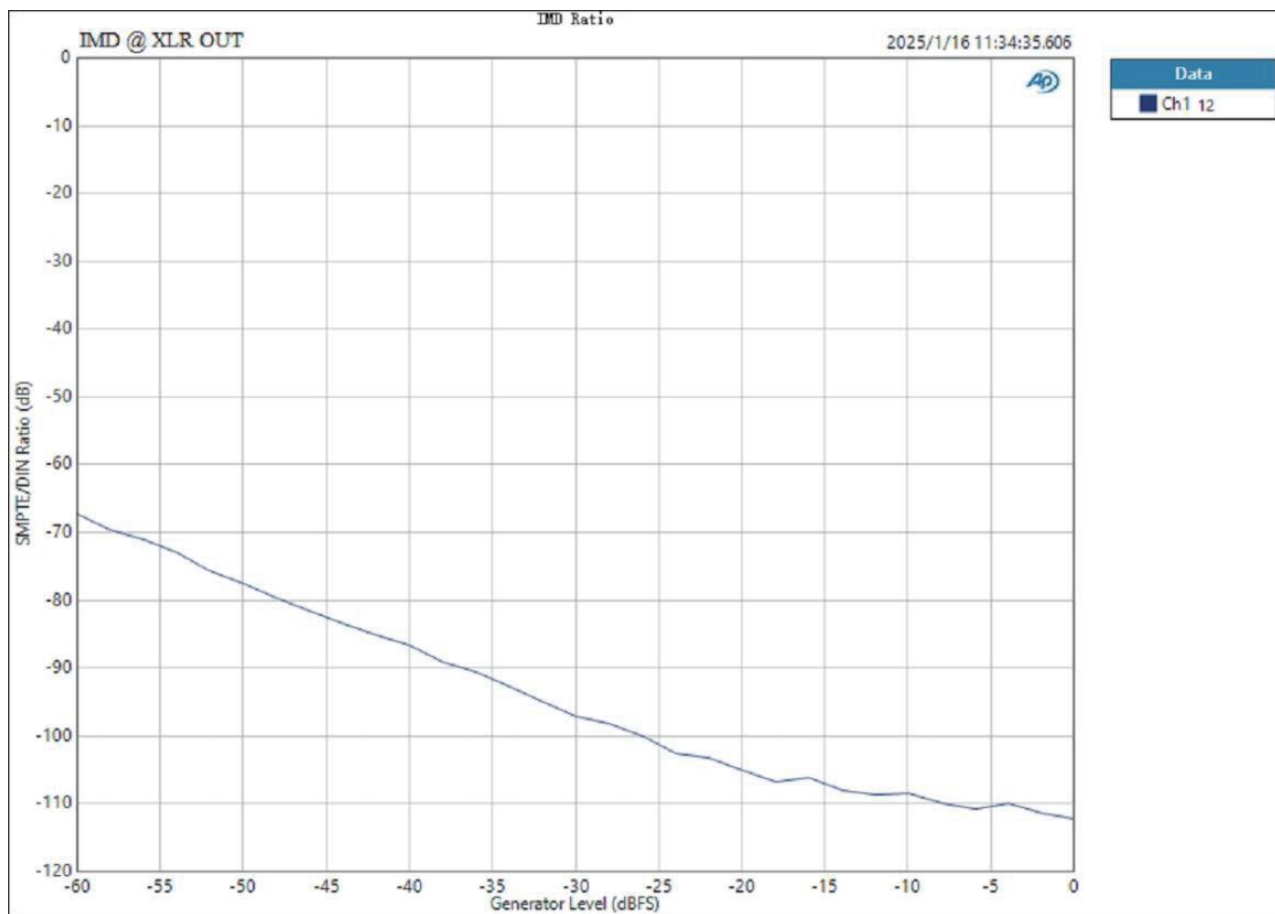


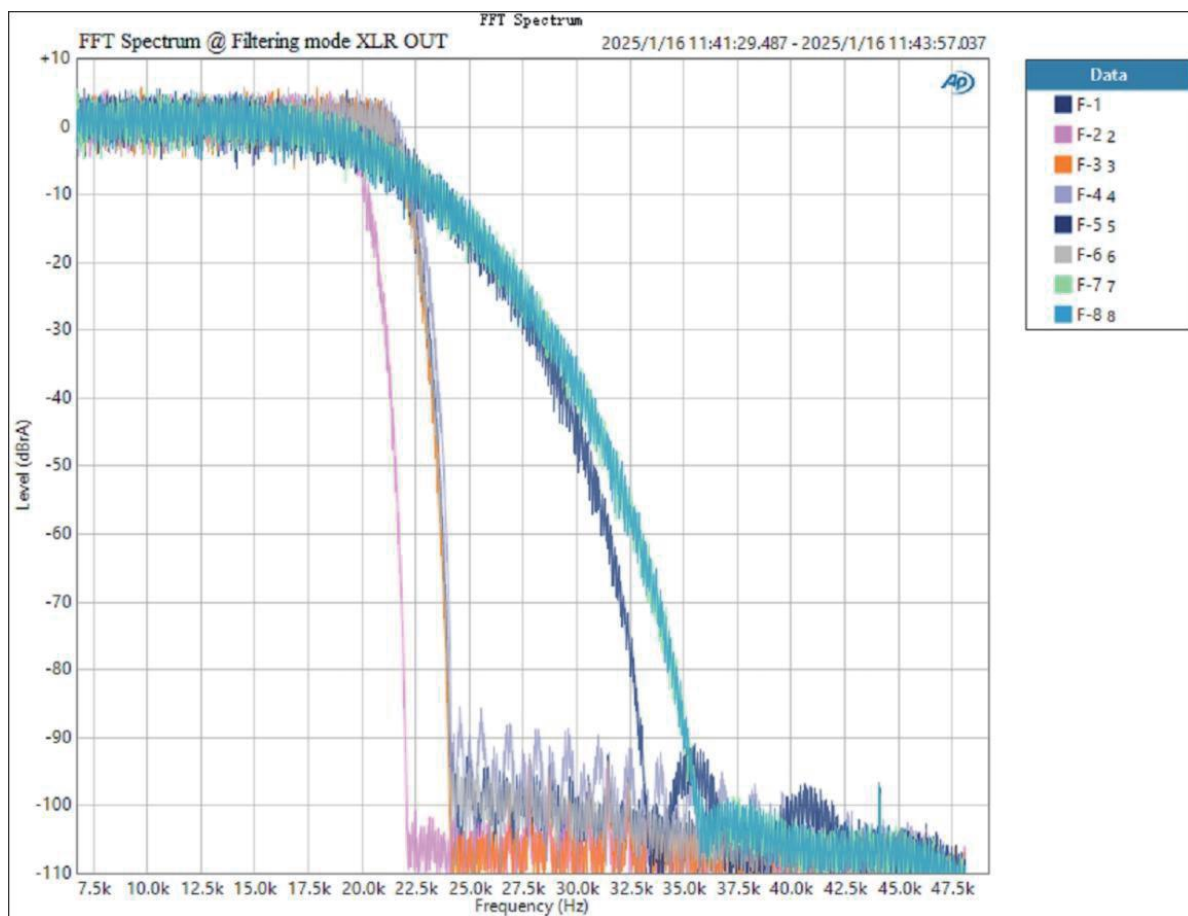
Data

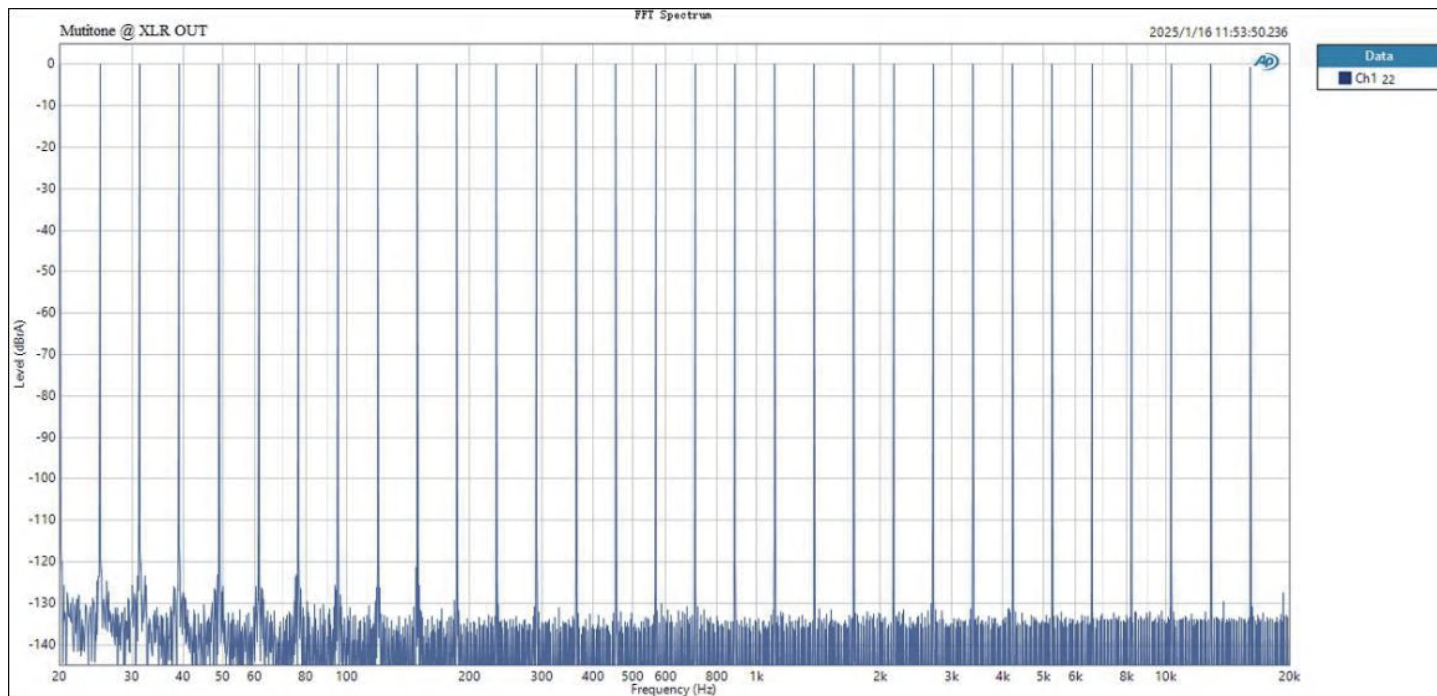
Ch1 19

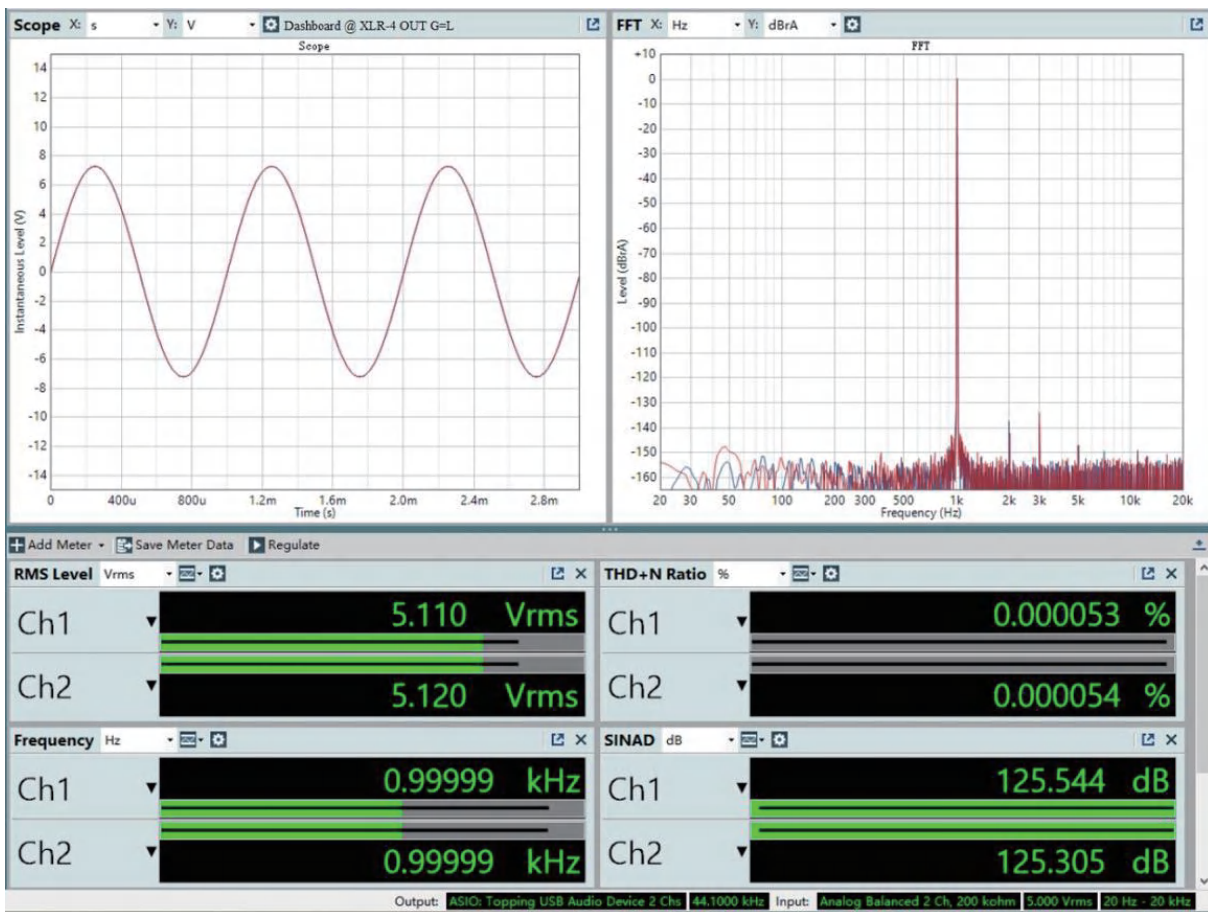












SNR @ XLR-4 OUT G=H

Signal to Noise Ratio

2025/1/16 12:09:59.115



Ch1

132.813 dB

Ch2

133.313 dB

0 20 40 60 80 100 120 140

Signal to Noise Ratio (dB)

DNR @ XLR-4 OUT G=H

Dynamic Range - AES17

2025/1/16 12:10:13.715



Ch1

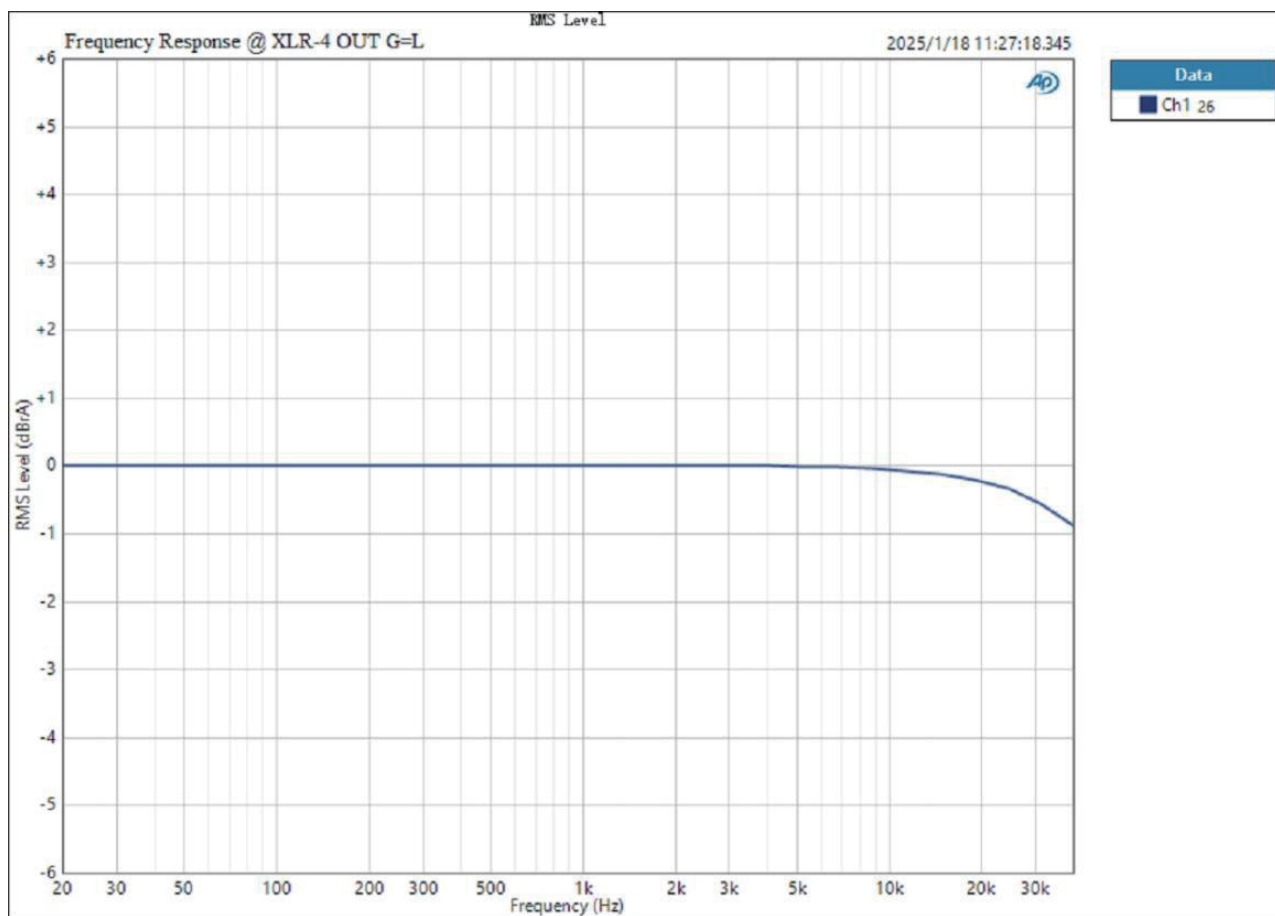
133.097 dB

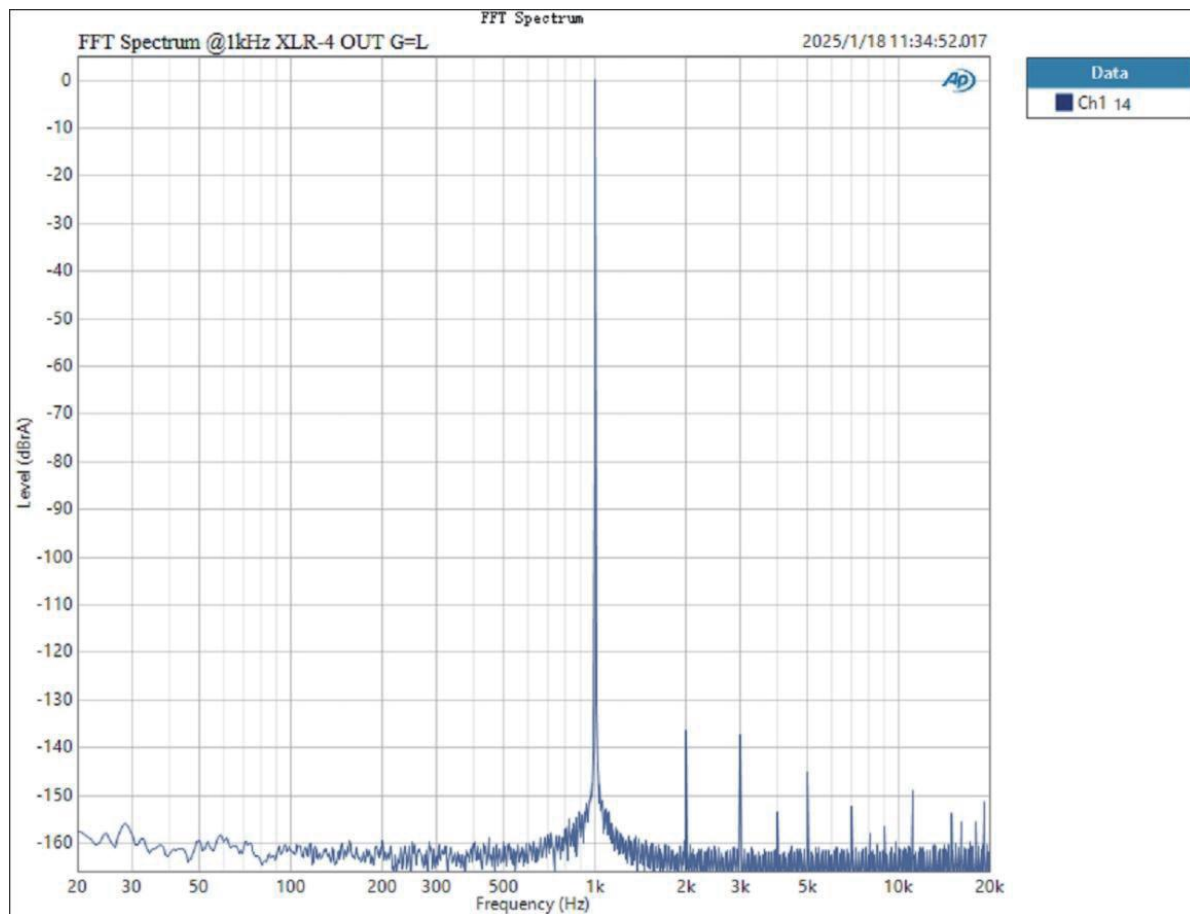
Ch2

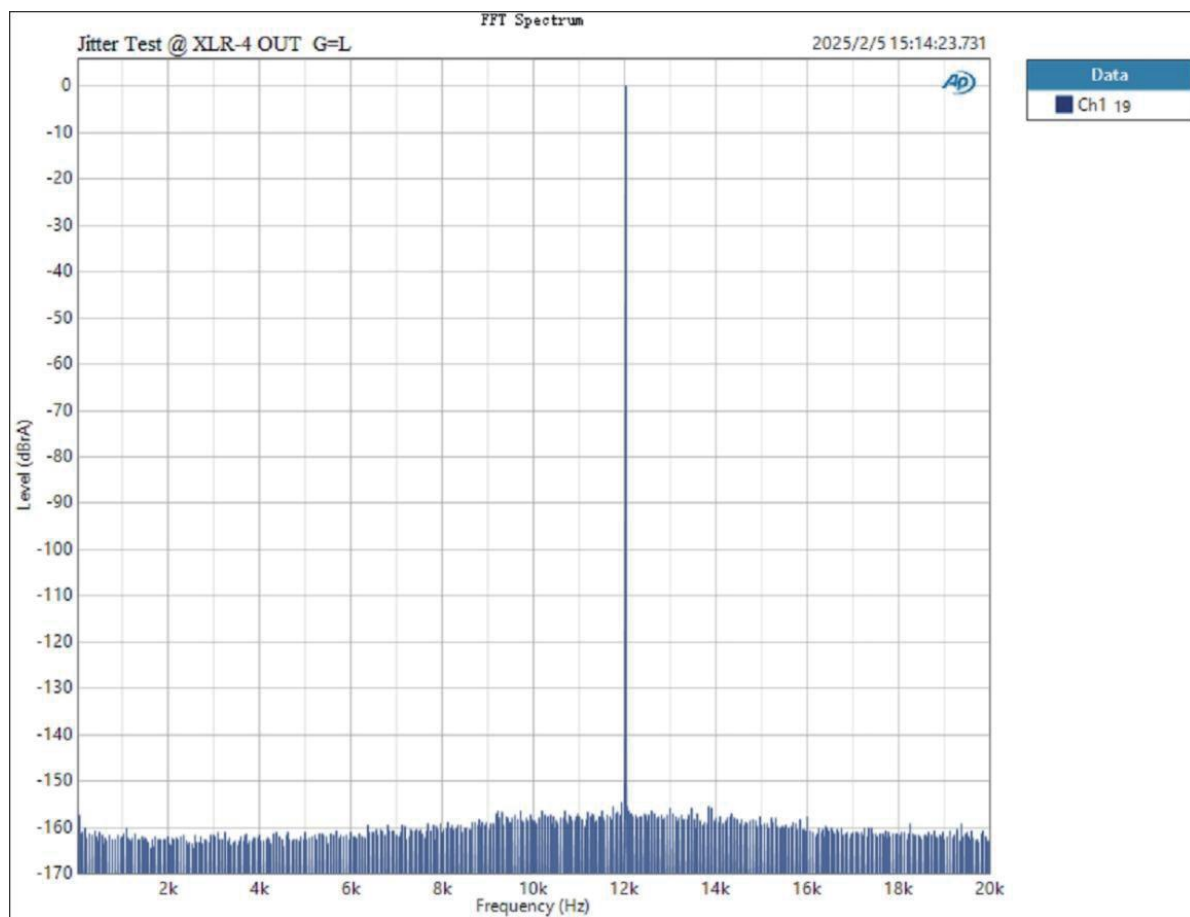
133.425 dB

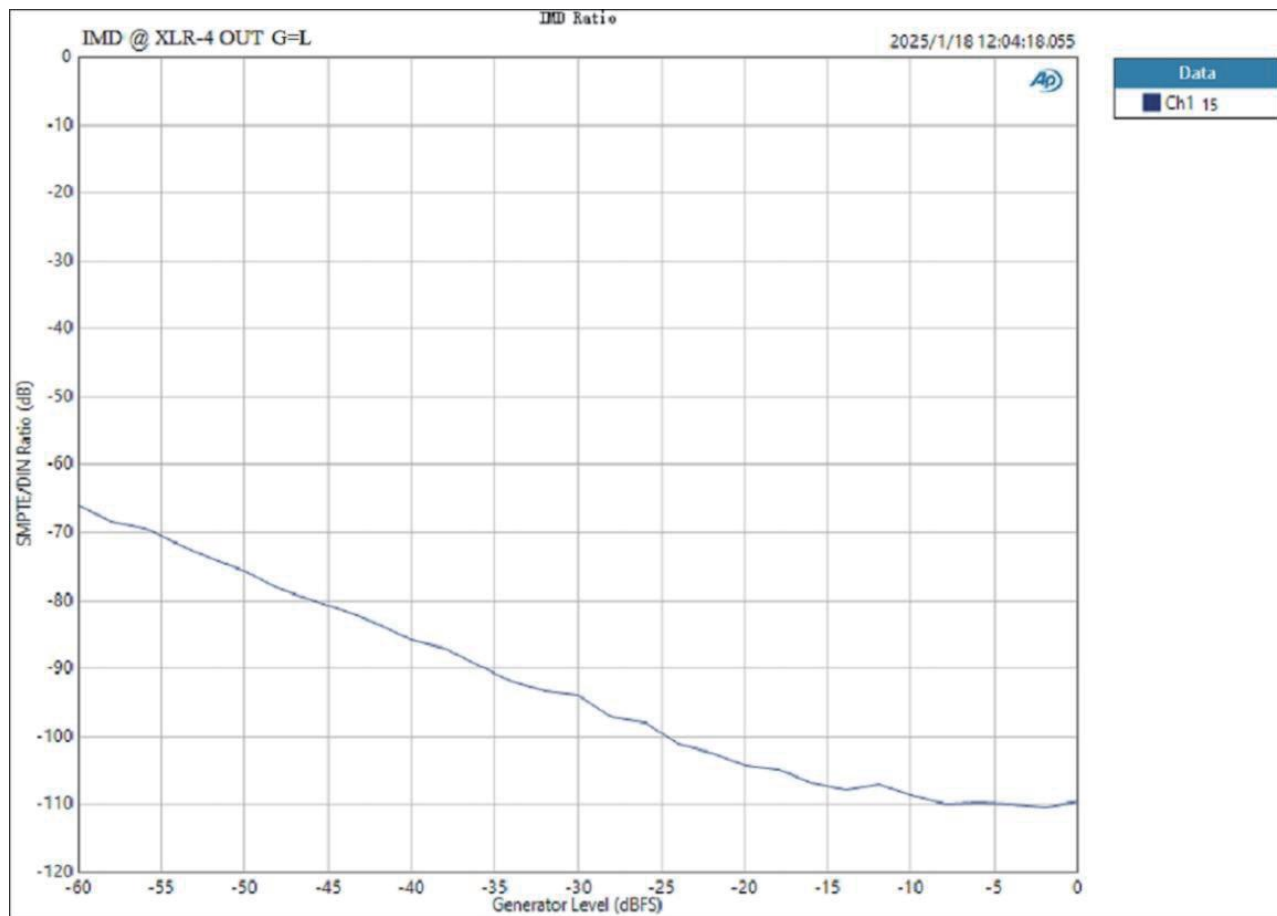
0 20 40 60 80 100 120 140

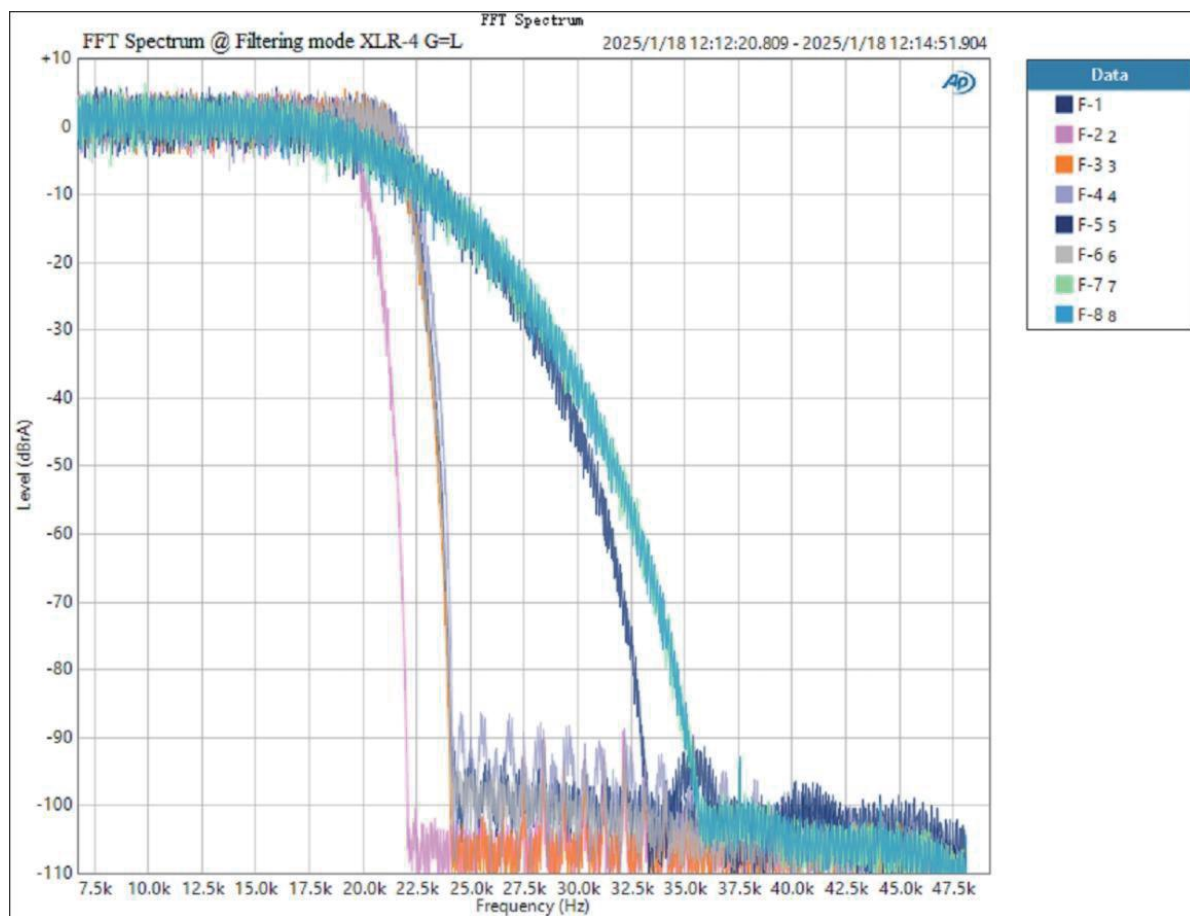
Dynamic Range - AES17 (dB)

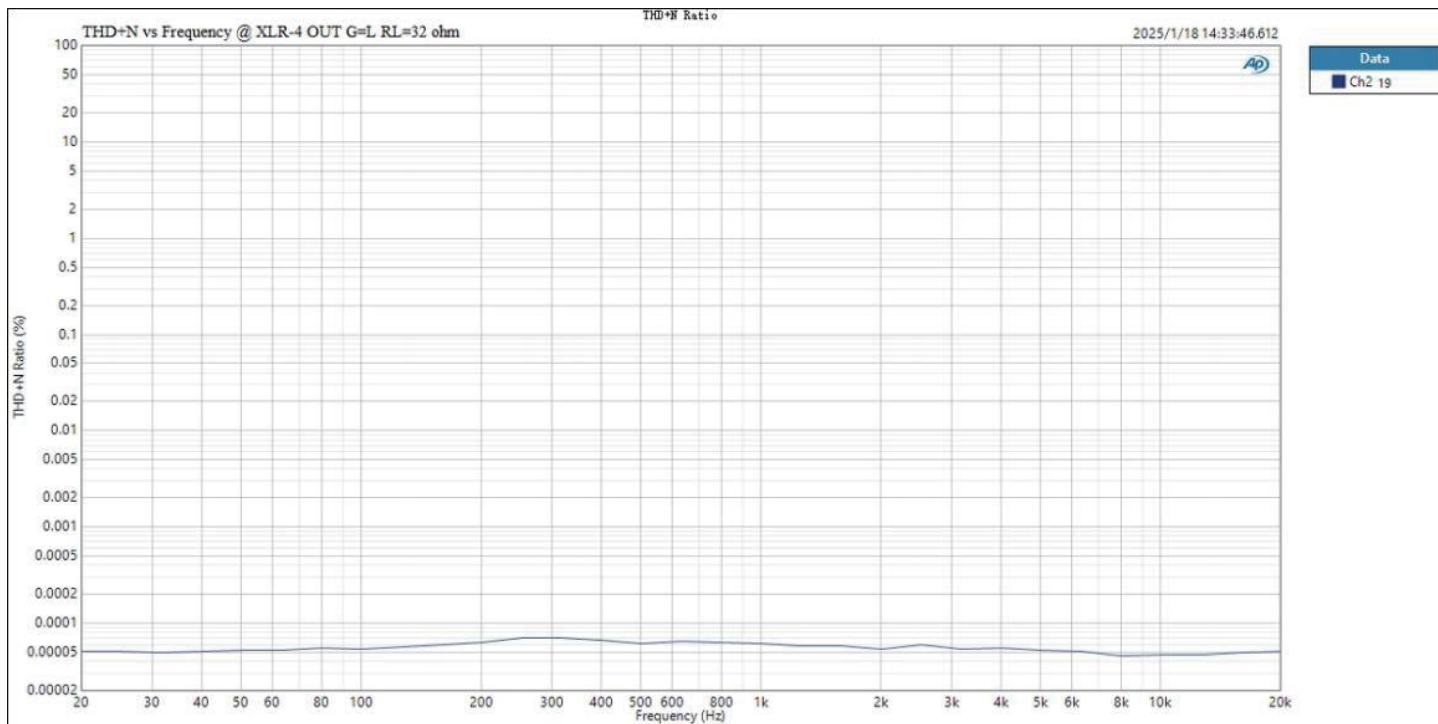


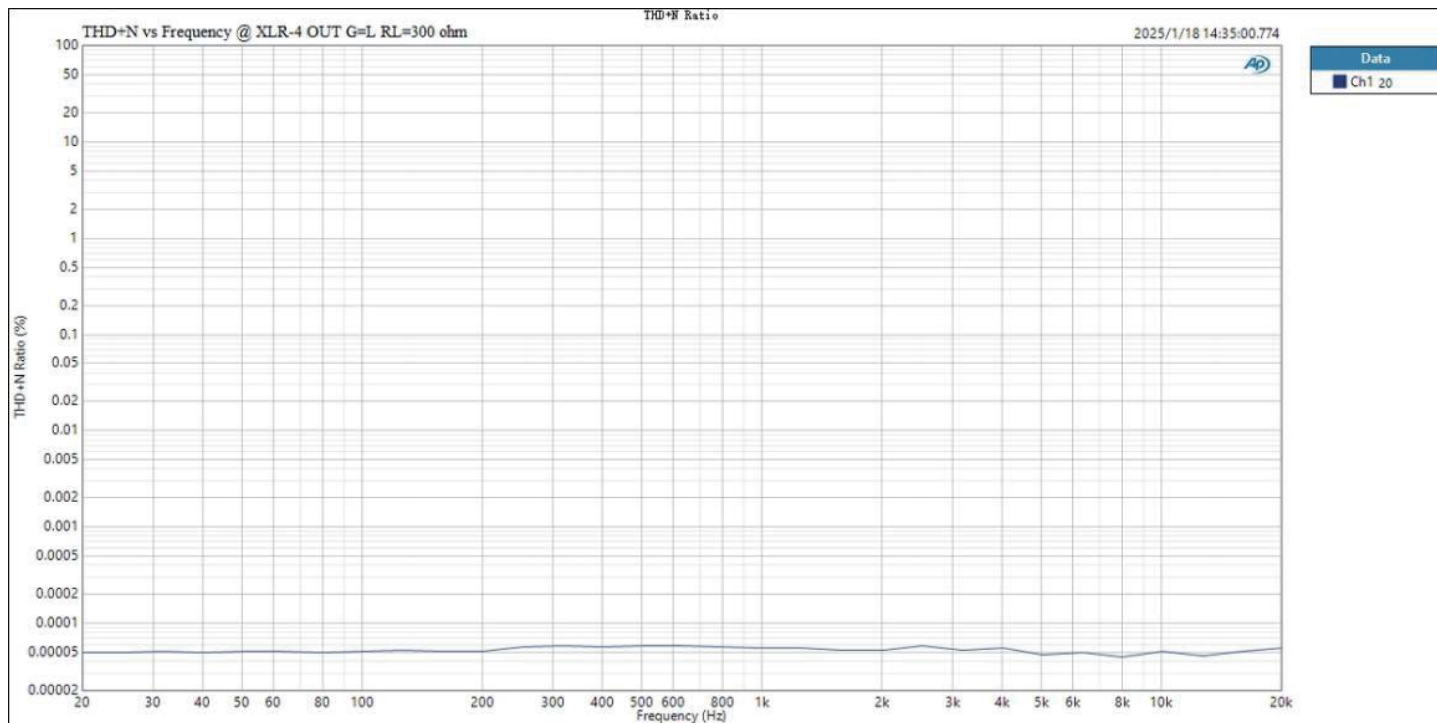






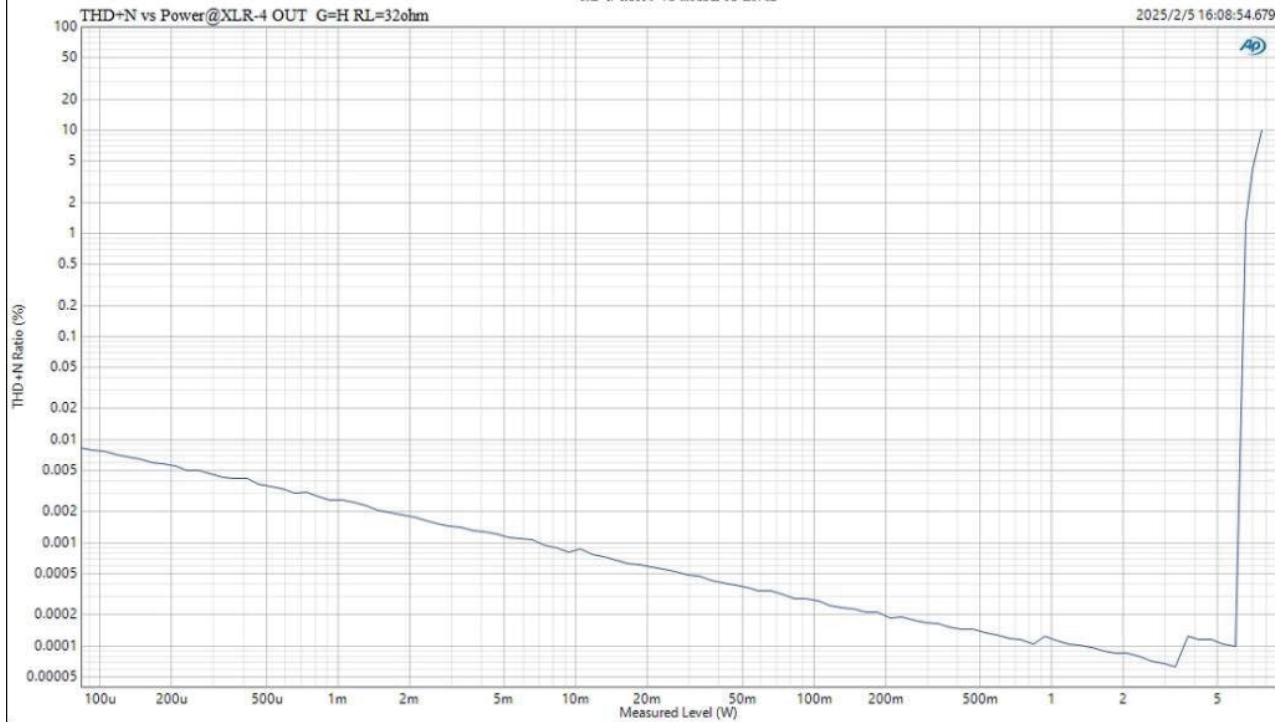






THD+N Ratio vs Measured Level

2025/2/5 16:08:54.679

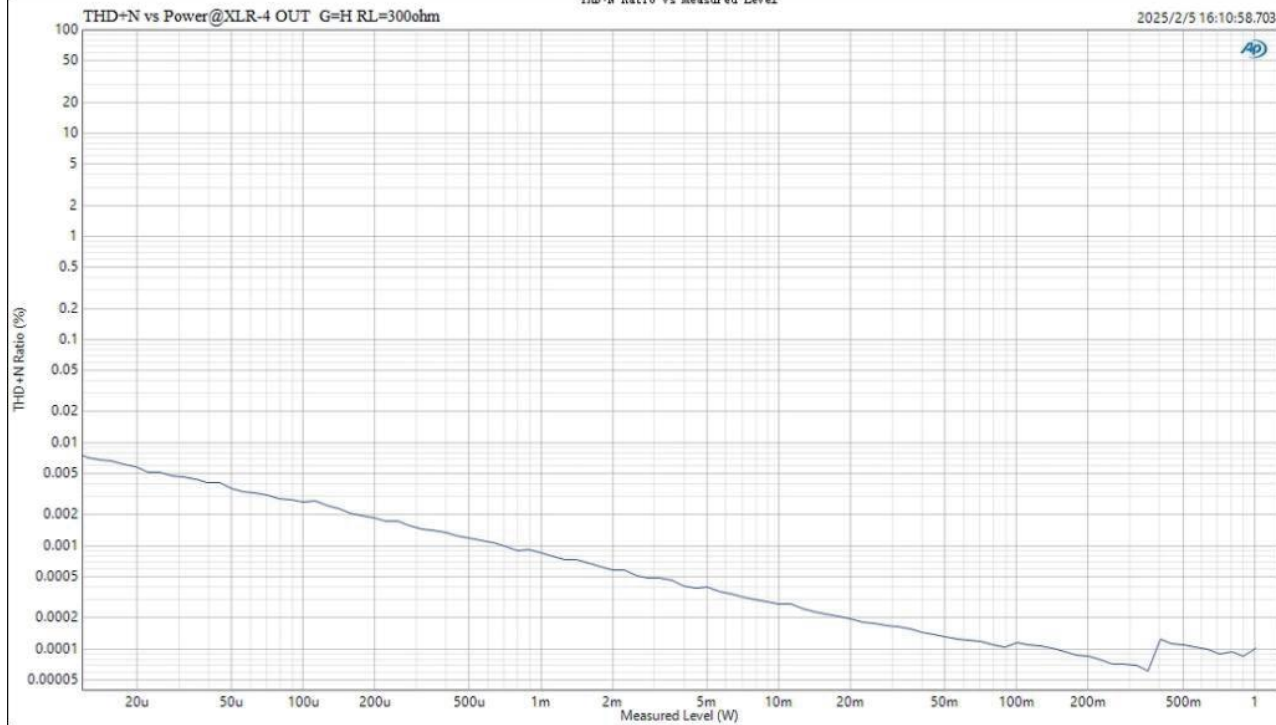


Data

Ch1 17

THD+N Ratio vs Measured Level

2025/2/5 16:10:58.703



Data

Ch1 18

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.