

E50

高性能数字解码器
High performance DAC
高性能デジタルデコーダーです

使用指南
User manual
说明书

简体中文

感谢您购买拓品E50解码器！

E50是一款具有三路数字输入、一路RCA输出、一路TRS输出的高性能数字解码器，它可以当作一台纯解码器或前级使用。我们相信E50会给您带来HIFI的音乐体验和乐趣！现在我们建议您先阅读本说明书，以便您正确使用E50的所有功能。

MQA简介

E50包含MQA技术，这使您可以播放MQA音频文件和流媒体，提供原始母带录音级别的声音。

包装内物品清单

E50主机	x 1
遥控器	x 1
USB数据线	x 1
DC电源线	x 1
产品说明书	x 1
产品保修卡	x 1

说明：TOPPING产品的驱动和电子档说明书可以到
<http://www.topping.audio/>上下载。

产品基本属性

尺寸
重量
电源
输入接口

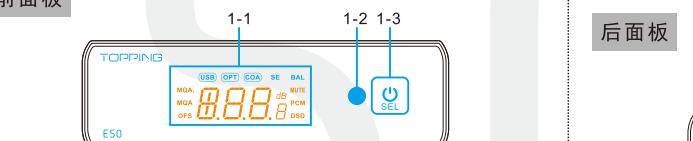
15.5cm x 12.9cm x 4.1cm
445g
DC5V/1A
USB/OPT/COAX

BAL/SE

LED

<2.5W

前面板



显示说明

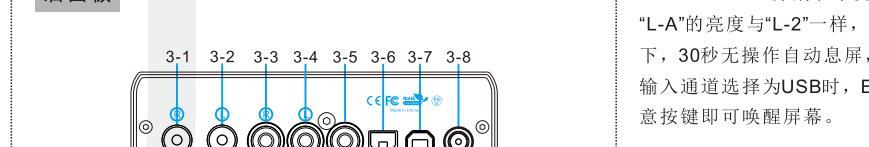


- 2-1 输入通道
2-2 输出通道
2-3 静音指示（静音时常亮，取消静音则不显示）
2-4 PCM/DSD格式指示
2-5 采样率/音量显示区
2-6 MQA格式指示*

*说明：MQA的指示有三种形式

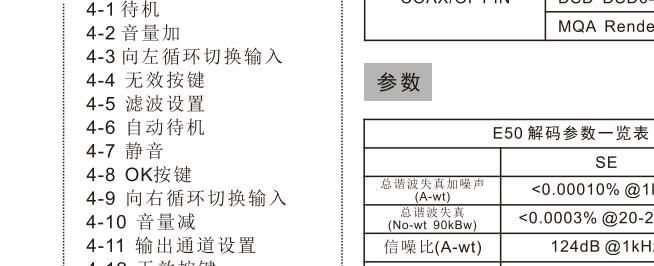
- (1) “MQA”表示正在播放MQA格式的流媒体或文件
(2) “MQA”表示正在播放MQA Studio文件
(3) “OFS”表示正在渲染已被播放软件初步解码的MQA信号

后面板



- 3-1 6.35mm TRS平衡输出右
3-2 6.35mm TRS平衡输出左
3-3 RCA单端输出右
3-4 RCA单端输出左
3-5 同轴输入
3-6 光纤输入
3-7 USB输入
3-8 电源输入

遥控器说明



*说明：

“L-1”“L-2”“L-3”分别表示亮度低，中，高。
“L-A”的亮度与“L-2”一样，是亮度中。不同的是，在“L-A”模式下，30秒无操作自动息屏，息屏时只显示当前输入。例如，当输入通道选择为USB时，E50息屏时的显示如下，此时点击任意按键即可唤醒屏幕。



支持规格

USB IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512(Native), DSD64-DSD256(Dop)
	MQA Full Decode

COAX/OPT IN	PCM 44.1kHz-192kHz/16bit-24bit
	DSD DSD64(Dop)
	MQA Renderer Decode

参数

E50 解码参数一览表 (USB In@96kHz)	
SE	BAL
总谐波失真加噪声(A-wt) <0.00010% @1kHz	<0.00009% @1kHz
总谐波失真(No-wt 90kHz) <0.0003% @20-20kHz	<0.0003% @20-20kHz
信噪比(A-wt) 124dB @1kHz	126dB @1kHz
动态范围(A-wt) 124dB @1kHz	126dB @1kHz
频率响应 20Hz-20kHz(±0.1dB)	20Hz-20kHz(±0.1dB)
20Hz-40kHz(±0.3dB)	20Hz-40kHz(±0.3dB)
输出幅值 2Vrms @0dBFS	4Vrms @0dBFS
底噪(A-wt) <1.3uVrms	<2.3uVrms
声道串扰 -130dB @1kHz	-139dB @1kHz
声道平衡度 0.3 dB	0.3 dB
输出内阻 20Ω	100Ω

操作说明

开关机/待机操作：

- ①开机：上电即进入待机状态，屏幕显示一个亮点。
②待机、退出待机设置：

工作时按前面板的多功能触摸按键进入待机，待机时短按它以退出待机；也可以直接按压遥控器上的待机按键进入或退出待机。

特别说明：

当E50的自动待机打开时，在一分钟内如果当前输入没有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。

屏幕显示

说明

- F-1 线性相位快速滚降 (出厂设置)
F-2 线性相位慢速滚降
F-3 最小相位快速滚降

2. 屏幕亮度设置(可遥控器设置)

屏幕显示	说明
L-1	屏幕显示亮度-暗
L-2	屏幕显示亮度-中 (出厂设置)
L-3	屏幕显示亮度-亮
L-A	屏幕显示亮度-中且30秒无操作后自动息屏

3. 自动待机设置(可遥控器设置)

屏幕显示	说明
A-O	开启自动待机功能 (出厂设置)
A-C	关闭自动待机功能

4. 输出通道设置(可遥控器设置)

屏幕显示	说明
O-1	RCA输出、TRS无输出
O-2	TRS输出、RCA无输出
O-3	RCA、TRS同时输出 (出厂设置)

5. 输出模式设置

屏幕显示	说明
m-p	前级模式(音量可调) (出厂设置)
m-d	DAC模式(音量不可调)



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Data

Ch1 5

dB

RSI(dB)

0

-5

-10

-15

-20

-25

-30

-35

-40

-45

-50

-55

-60

-65

-70

-75

-80

-85

-90

-95

-100

-110

-120

-130

-140

-150

-160

-170

-180

-190

-200

-210

-220

-230

-240

-250

-260

-270

-280

-290

-300

-310

-320

-330

-340

-350

-360

-370

-380

-390

-400

-410

-420

-430

-440

-450

-460

-470

-480

-490

-500



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English

Thank you for purchasing E50!
The E50 is a high-performance DAC with three digital inputs, one RCA unbalanced output and one TRS balanced output. It can be used as a simple DAC or DAC + pre-amplifier, we hope it could bring you more fun at enjoying music. Now we recommend you read this manual so that you can use all the features of E50 correctly.

Introduction to MQA

MQA (Master Quality Authenticated)
MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. E50 adopts MQA technology to receive and decode MQA audio and provide master-level sound.
Visit mqa.co.uk for more information.

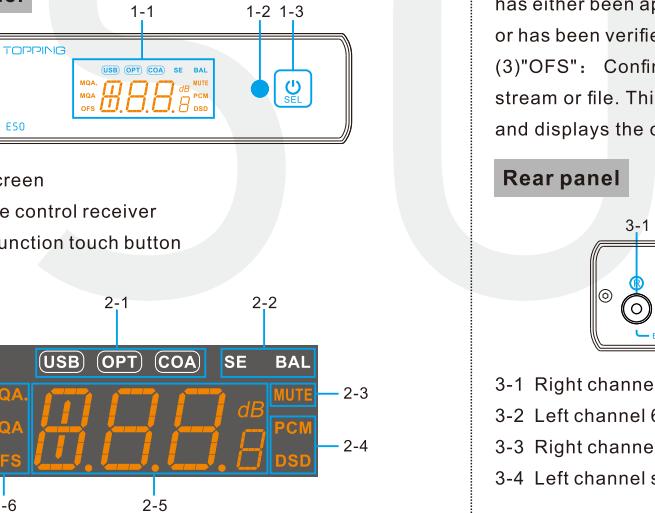
Contents list

E50	x 1
Remote control	x 1
USB cable	x 1
DC cable	x 1
User manual	x 1
Warranty card	x 1
Note: You can download the drivers and user manual on http://www.topping.audio/ .	

Attribute

Measured	15.5cm x 12.9cm x 4.1cm
Weight	445g
Power input	DC5V/1A
Signal input	USB/OPT/COAX
Line Out output	BAL/SE
Display	LED
Power consumption in normal usage	<2.5W

Front panel



2-1 Input channel

2-2 Output channel

- 2-3 Mute indication (It always lights up when muted and disappears when it is not muted.)
- 2-4 PCM/DSD format indication
- 2-5 Sample rate/volume display area
- 2-6 MQA format indication*

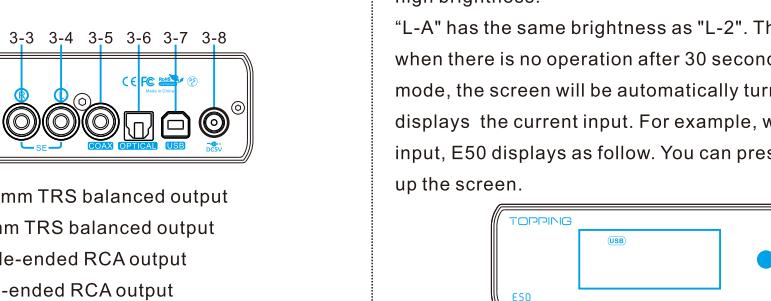
*Note: There are three forms of MQA operation modes.

(1)"MQA": Indicates that the product is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material.

(2)"MQA": Indicates it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

(3)"OFS": Confirms that the product is receiving an MQA stream or file. This delivers the final unfold of the MQA file and displays the original sample rate.

Rear panel



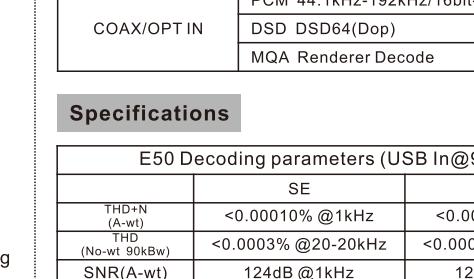
3-5 Coaxial SPDIF input

3-6 Optical SPDIF input

3-7 USB input

3-8 Power input

Remote control



4-1 Standby

4-2 Volume up

4-3 Switch to previous input

4-4 Invalid button

4-5 Filter setting

4-6 Automatic standby

4-7 Mute

4-8 OK button

4-9 Switch to next input

4-10 Volume down

4-11 Output channel switching

4-12 Invalid button

4-13 Brightness*

*Note:

"L-1", "L-2" and "L-3" respectively indicate low, medium and high brightness.

"L-A" has the same brightness as "L-2". The differences lie in when there is no operation after 30 seconds under "L-A" mode, the screen will be automatically turned off, only displays the current input. For example, when it is in USB input, E50 displays as follow. You can press any button to light up the screen.

Input range

USB IN	PCM 44.1kHz-768kHz/16bit-32bit
	DSD DSD64-DSD512 (Native), DSD64-DSD256 (DoP)
	MQA Full Decode
COAX/OPT IN	PCM 44.1kHz-192kHz/16bit-24bit
	DSD DSD64(Dop)
	MQA Renderer Decode

②Standby setting:

When it is working, press and hold the multi-function touch button on the front panel to enter standby state and short press to exit standby state when it is in standby. Or you can directly press the standby button on remote control to enter or exit standby state.

Setup Menu

Enter the setup menu:

In the standby state, press and hold the multi-function touch button on the front panel for 3 seconds to enter the setup menu of E50.

Change and save of settings:

(1) The touch button on the front panel: press the touch button to enter the next setting item, double press the touch button to set different parameters. Press and hold the touch button until "8-8" is displayed on the screen to save the settings.

Volume setting:

①The enter and exit of mute state: Press the mute button on the remote control to set mute, press the mute button again or adjust the volume to exit mute state.

Volume adjusting:

Adjust volume by pressing the up/down button on the remote control. Press and hold the up/down button will quickly adjust 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.

Input channel switching:

Press the multi-function touch button on the front panel or the "Switch to previous input button" and the "Switch to next input button" on the remote control to switch the input in cycle.

Output channel switching:

Press the "Output channel switching" button on the remote control or double press the touch button on the front panel to

Screen brightness setting (Available for remote control setting)

Screen display	Description
L-1	Low
L-2	Mid (Default)
L-3	High
L-A	Mid brightness and screen will be turned off automatically after 30 seconds of no operation

Automatic standby setting (Available for remote control setting)

Screen display	Description
A-O	Auto on(Default)
A-C	Auto off

Line Out channel setting (Available for remote control setting)

Screen display	Description
O-1	RCA Output only
O-2	TRS Output only
O-3	RCA&TRS Output simultaneously (Default)

Output mode setting

Screen display	Description
m-p	Per-Amp mode(Volume adjustable) (Default)
m-d	DAC mode(Volume nonadjustable)

Factory reset:

In standby mode, press the Volume down, Volume up and Mute buttons on the remote control in sequence to restore the factory settings.

日本語

拓品のE50 DACをご購入して、ありがとうございました！
E50はマルチチャネルデータ入力、シングルチャネルRCA出力、シングルチャネルTRS出力を備える高性能のDAC製品として。E50は単にDACまたはプリアンプとして使われてもいいです。E50を使うと、ぜひHi-Fiの音響効果と楽しみが与えられます！E50を正しくご使用のため、この取扱説明書をよくお読みください。

MQAの概要

E50にはMQAテクノロジーが含まれておらず、MQAオーディオファイルとストリームを再生して、元のマスター・レコーディングのサウンドを配信できます。

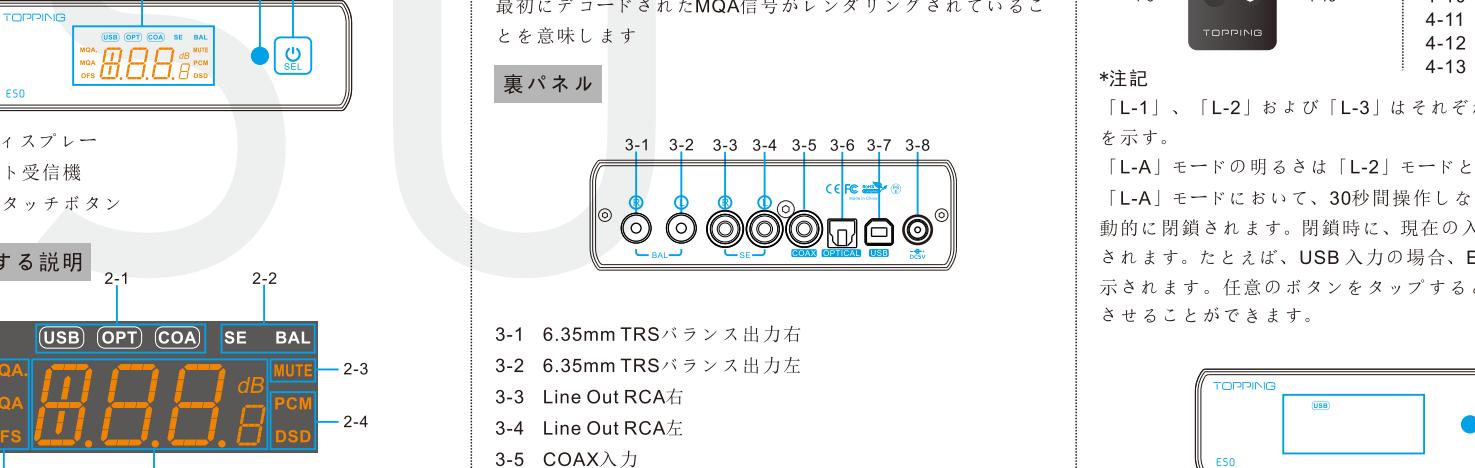
同梱物

E50本体	x 1
リモコン	x 1
USBケーブル	x 1
DC電源コード	x 1
取扱説明書	x 1
修理保証書	x 1
*TOPPING製品の取扱説明書は http://www.topping.audio/ でダウンロードしてください。	

製品の基本情報

サイズ	15.5cm x 12.9cm x 4.1cm
重量	445g
電源	DC5V/1A
入力ポート	USB/OPT/COAX
リニア出力ポート	BAL/SE
ディスプレイ	LED
消費電力	<2.5W

前パネル



表示に関する説明

- 3-1 6.35mm TRSバランス出力
- 3-2 6.35mm TRSバランス出力
- 3-3 Line Out RCA右
- 3-4 Line Out RCA左
- 3-5 COAX入力

3-6 光ファイバー入力

3-7 USB入力

3-8 給電入力

リモコンについての説明

