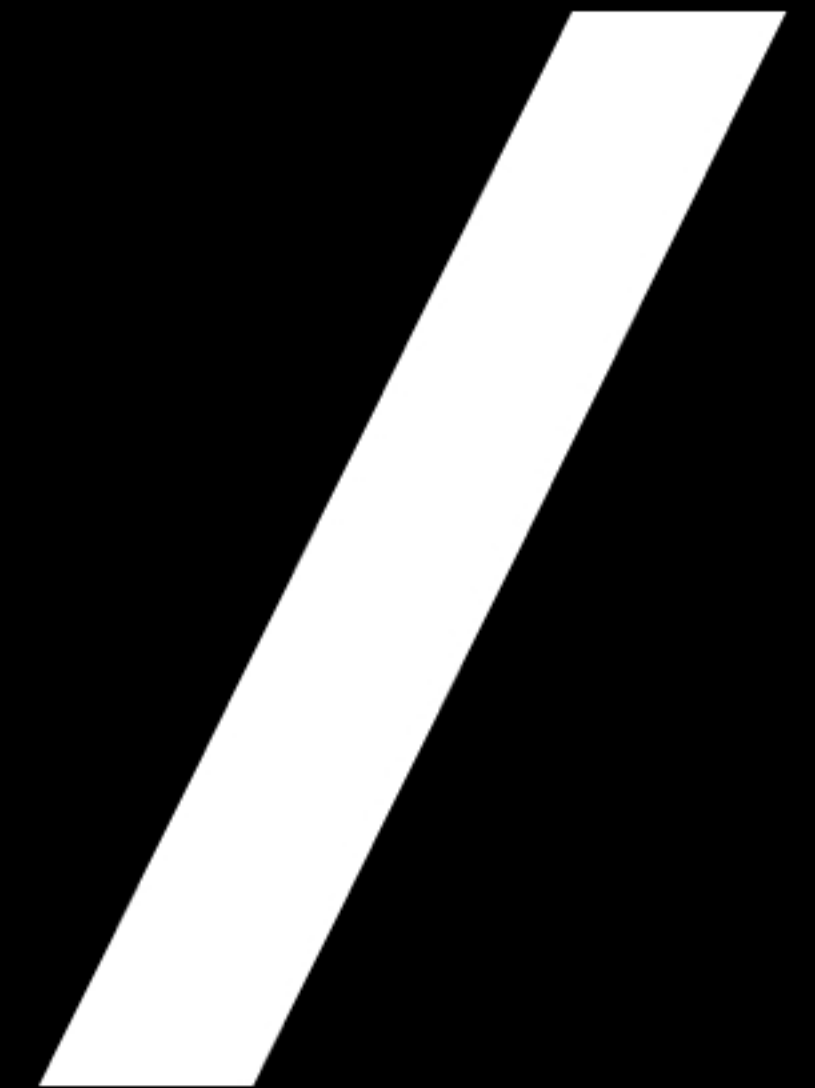


[matrix-digi.com](http://matrix-digi.com)

# TS-1

## Music Streamer



# TS-1

## Music Streamer

### Product Overview

New member of the new generation music streamer from Matrix Audio dedicated for headphone and active speaker users.

Integrates computer audio, streaming audio local playback functions together. At the same time, it also takes into account the use scenarios of home theater and vinyl record listening.



## TS-1

### Music Streamer

#### Product Positioning

- TS-1 is the successor of element M2 and element i2.
- It suitable for desktop headphone users and active speaker users.
- Manage local music library, and integrate online music and local network streaming music together.
- Offering multiple functions in a compact device.



# **TS-1**

## Music Streamer

### Exterior

Inherits Matrix Audio's family design language.

In a 280mm width chassis. (The same size, same chassis and display as TT-1)



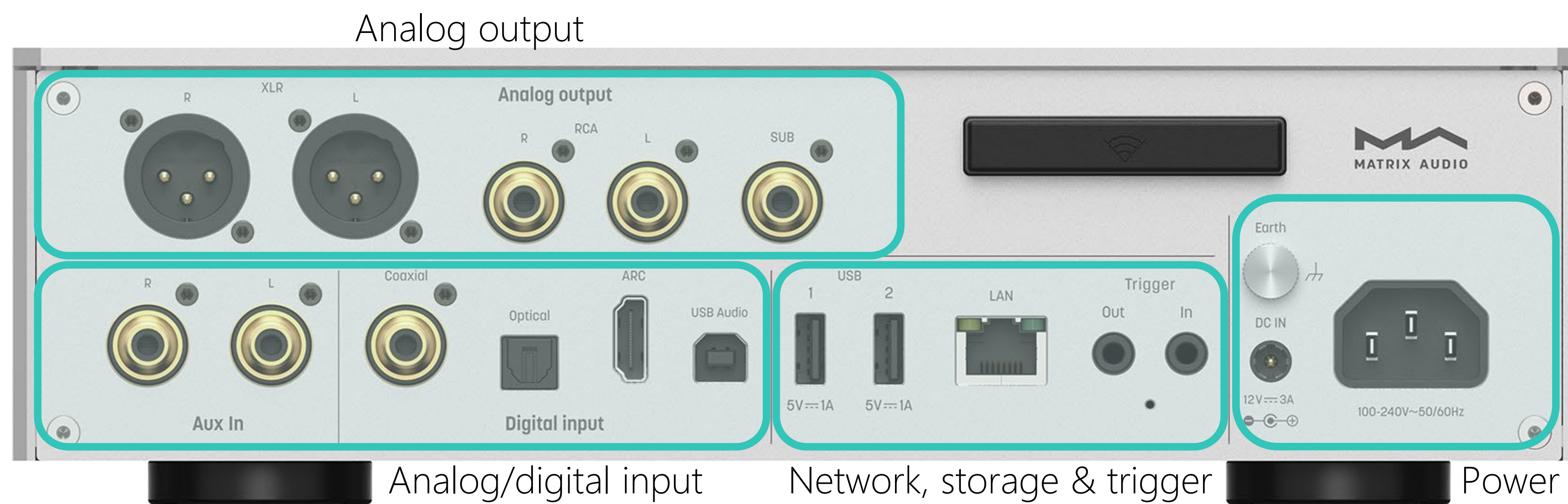


# TS-1

## Music Streamer

### Exterior

Back panel and ports.





## TS-1

### Music Streamer

#### Bullet Points

The same 8.8-inch display as the flagship model MS-1, featuring the brand-new MA Player Hi-Fi Streamer OS offering a more flexible and convenient experience.



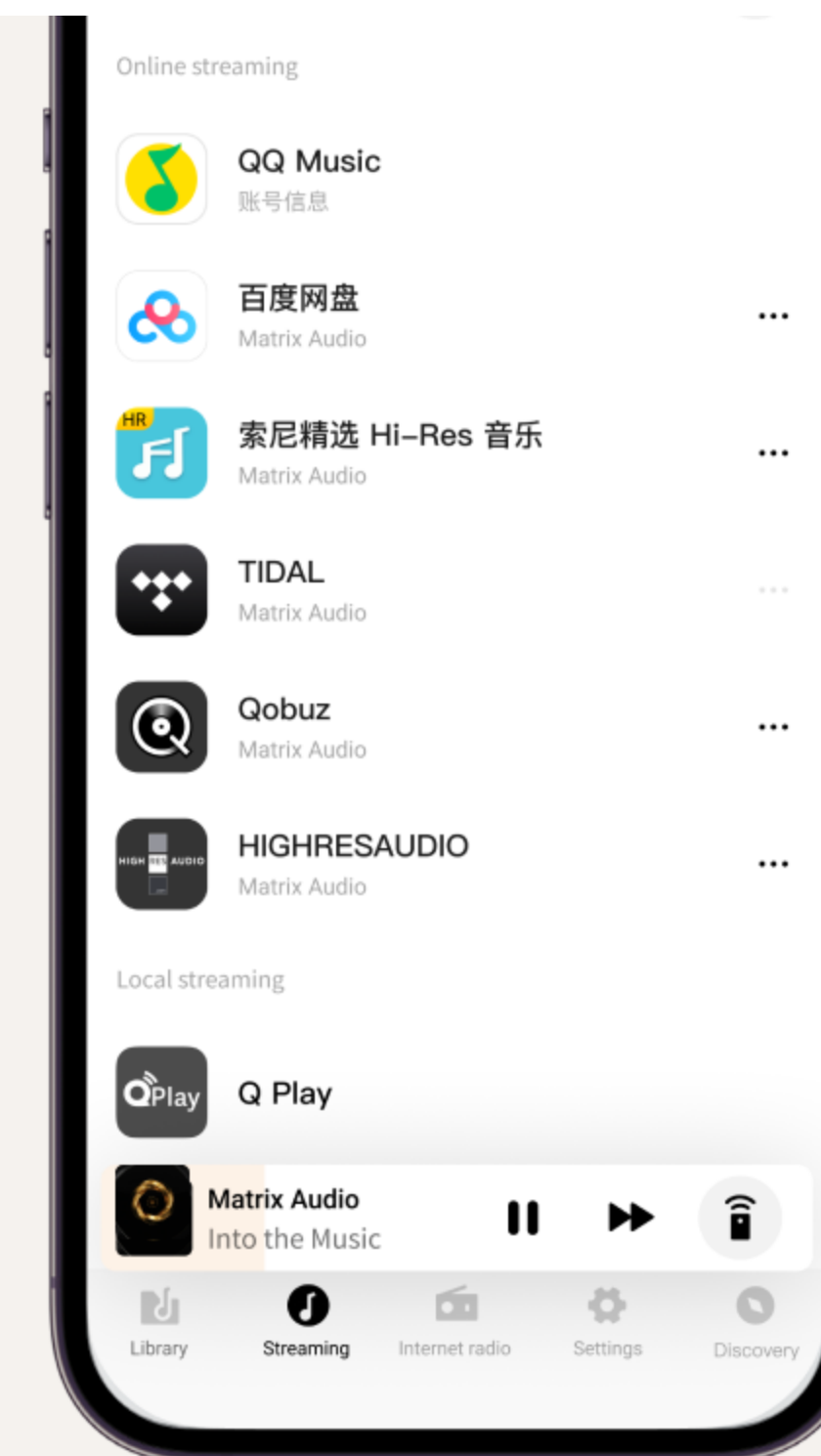
# TS-1

## Music Streamer

### Bullet Points

#### MA Player Hi-Fi Streamer OS

- Local Music: Internal storage, USB storage, NAS drive
- Local Streaming: Roon, Audirvana Studio, UPnP/DLNA, AirPlay 2
- Online Streaming: **TIDAL**, **Qobuz**, **Spotify**, **Dropbox**, RadioParadise, vTuner
- Continuously updated and optimized.





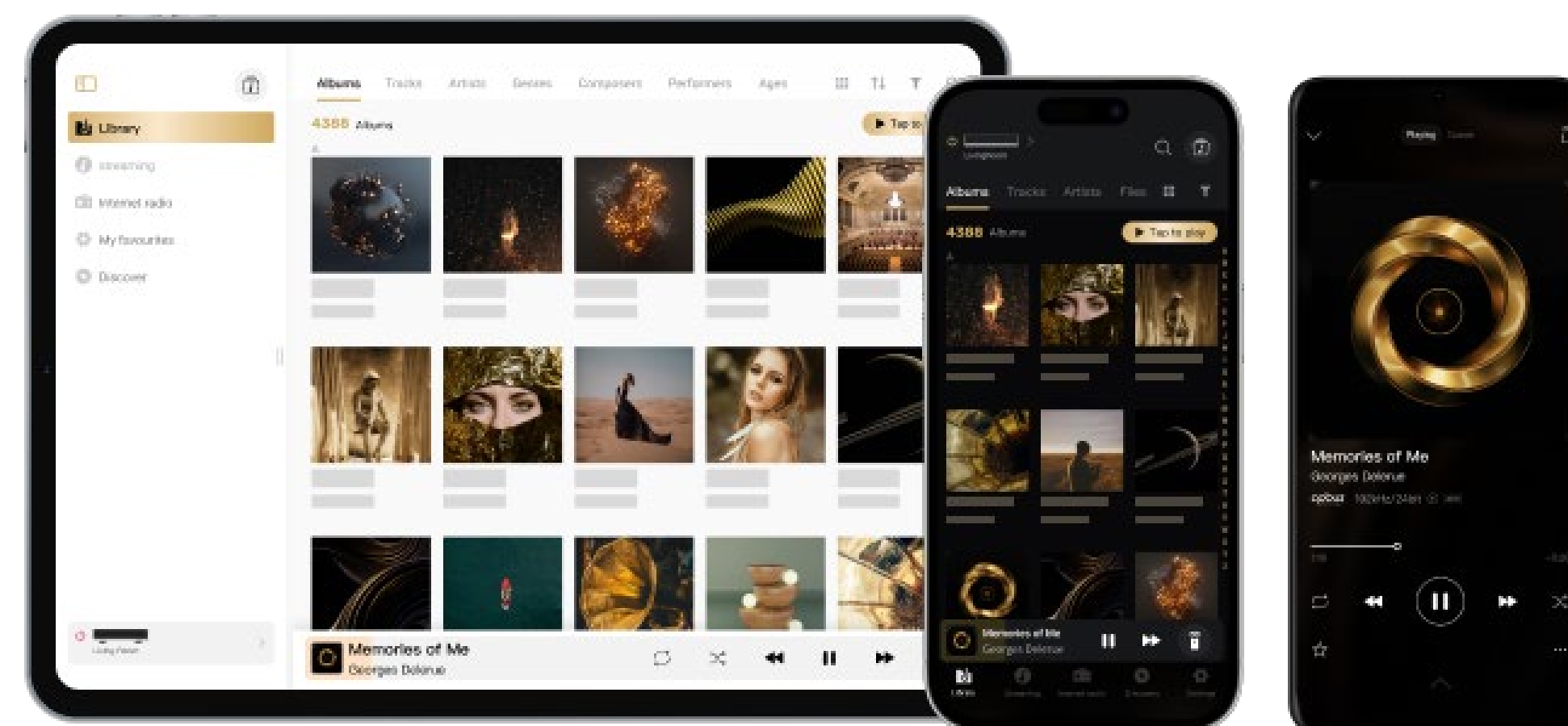
## TS-1

### Music Streamer

#### Bullet Points

#### MA Remote App

- Compatible with iOS and Android
- Supports iPhone, iPad, Android phones and tablets.
- Can be installed on Mac computers with Apple M-series chips.
- Continuously optimized and updated, making it more user-friendly over time.



**Download MA Remote App**



App Store



Google Play



## TS-1

### Music Streamer

#### Bullet Points

Utilizes the **same SoC** as the flagship model MS-1.

- More powerful performance and faster processing capabilities.
- Greater potential for functionality expansion.





## TS-1

### Music Streamer

#### Bullet Points

##### Built-in M.2 NVMe SSD Slot

- Stable, high-speed, low consumption, compact size, large storage, and noiseless operation.
- Easy installation and removal.
- Convenient to manage music files over LAN, copy music files via USB storage.
- Saves the cost of purchasing a NAS and eliminates the need for complex setup and technical expertise required for installation and configuration.





## TS-1

### Music Streamer

#### Bullet Points

##### USB-A Port

- Capable of connect an USB drive or a CD drive.
- When a CD drive is connected, CDs can be played directly, and CDs can be quickly ripped into digital music files and stored on the device.
- During CD playback and ripping, album metadata is automatically retrieved from the Internet.



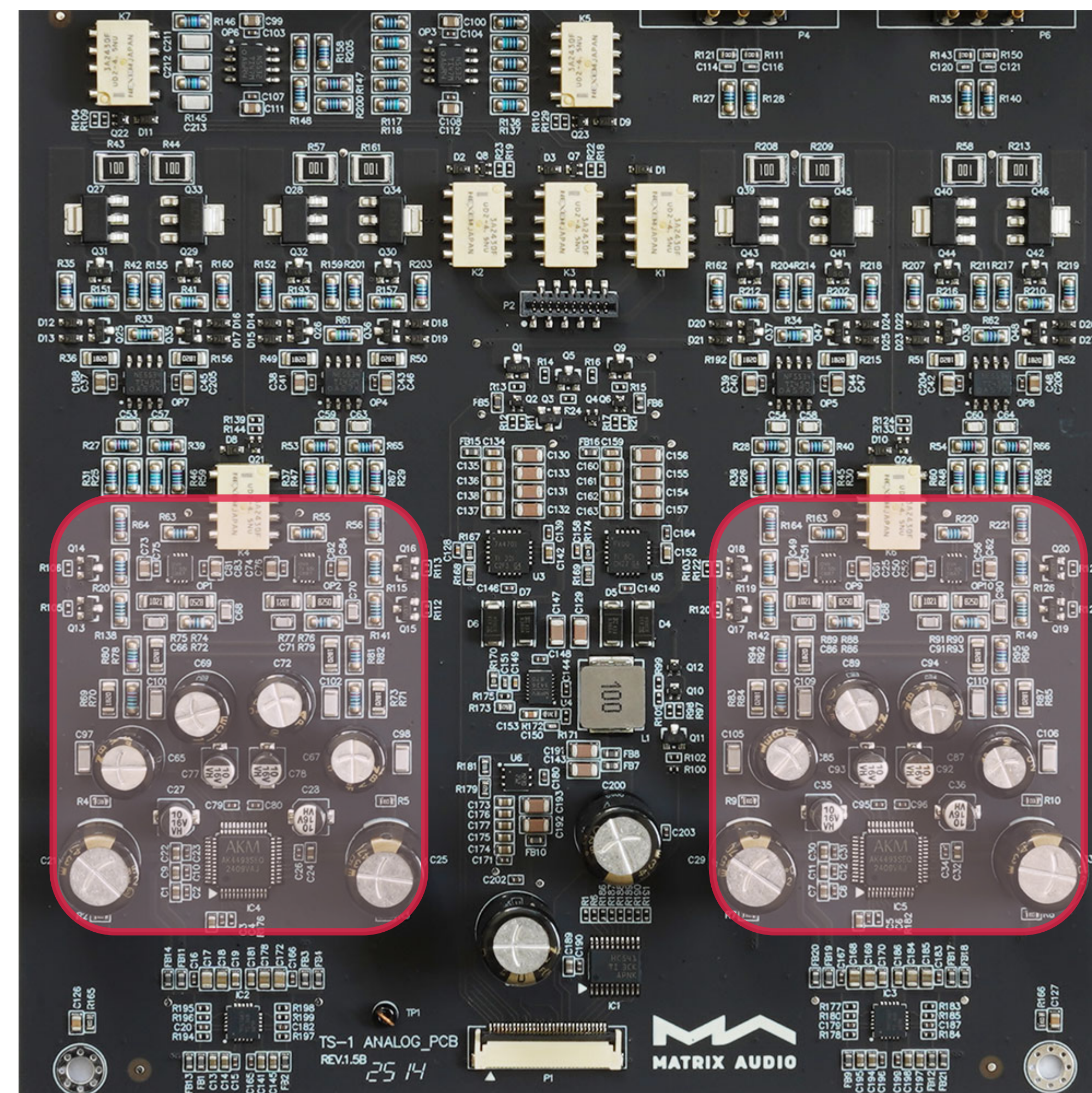


# TS-1

## Music Streamer

### Bullet Points

- One AK4493SEQ D/A chip for each channel.
- Two D/A units in each chip processing one channel in parallel.
- Independent ultra-low noise LDO for each D/A chip.
- Femtosecond clock built-in.





# TS-1

## Music Streamer

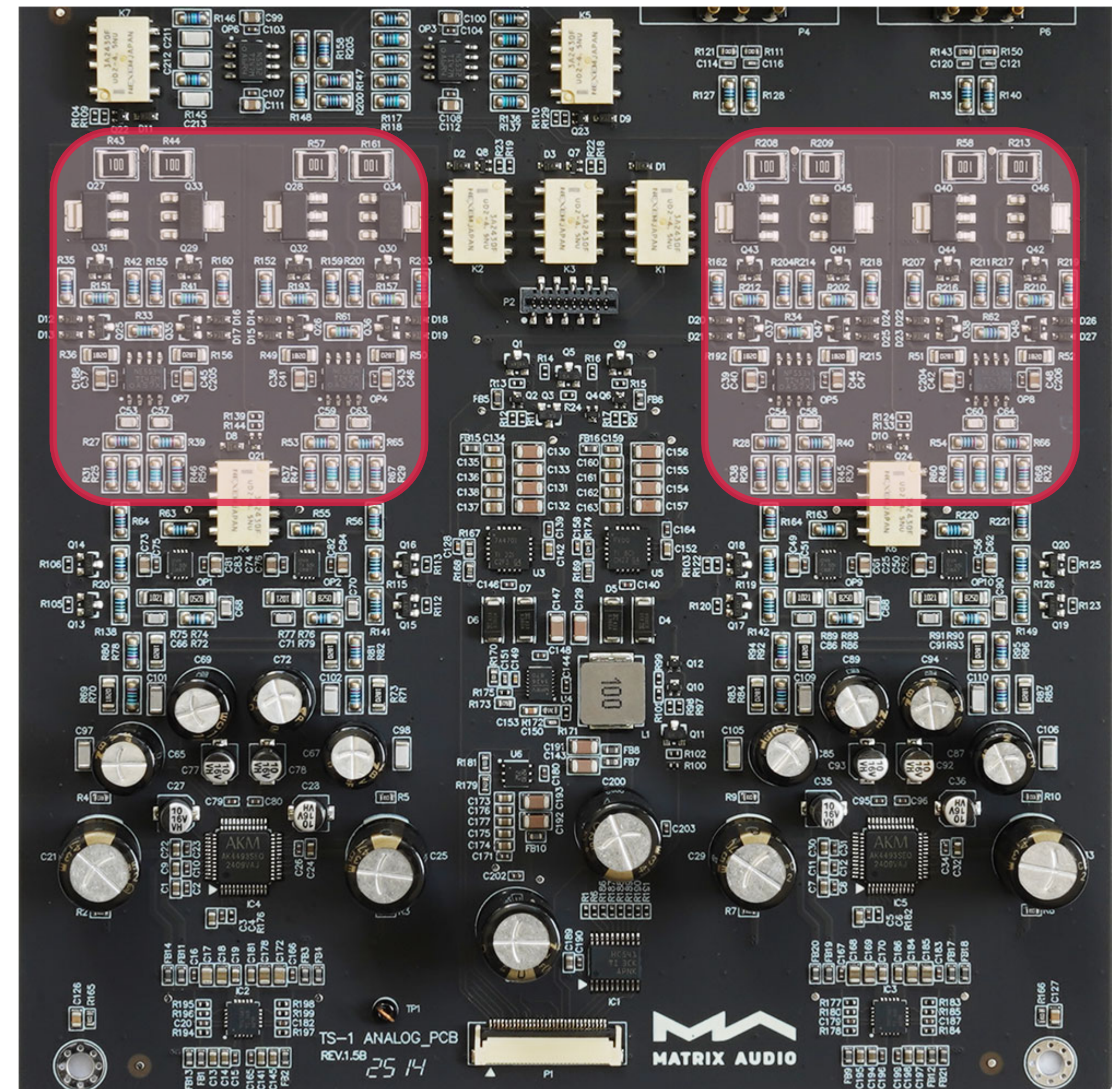
### Bullet Points

New fully balanced, high-bias discrete headphone amplifier.

As low as 1 ohm output impedance.

Especially tuned for modern high-resolution headphones.

Two-level output voltage settings.





# TS-1

## Music Streamer

### Bullet Points

Subwoofer output ports dedicated for frequencies below 150Hz.

Synchronized volume control with line output, which enables your Hi-Fi system to enhance your video-watching experiences.





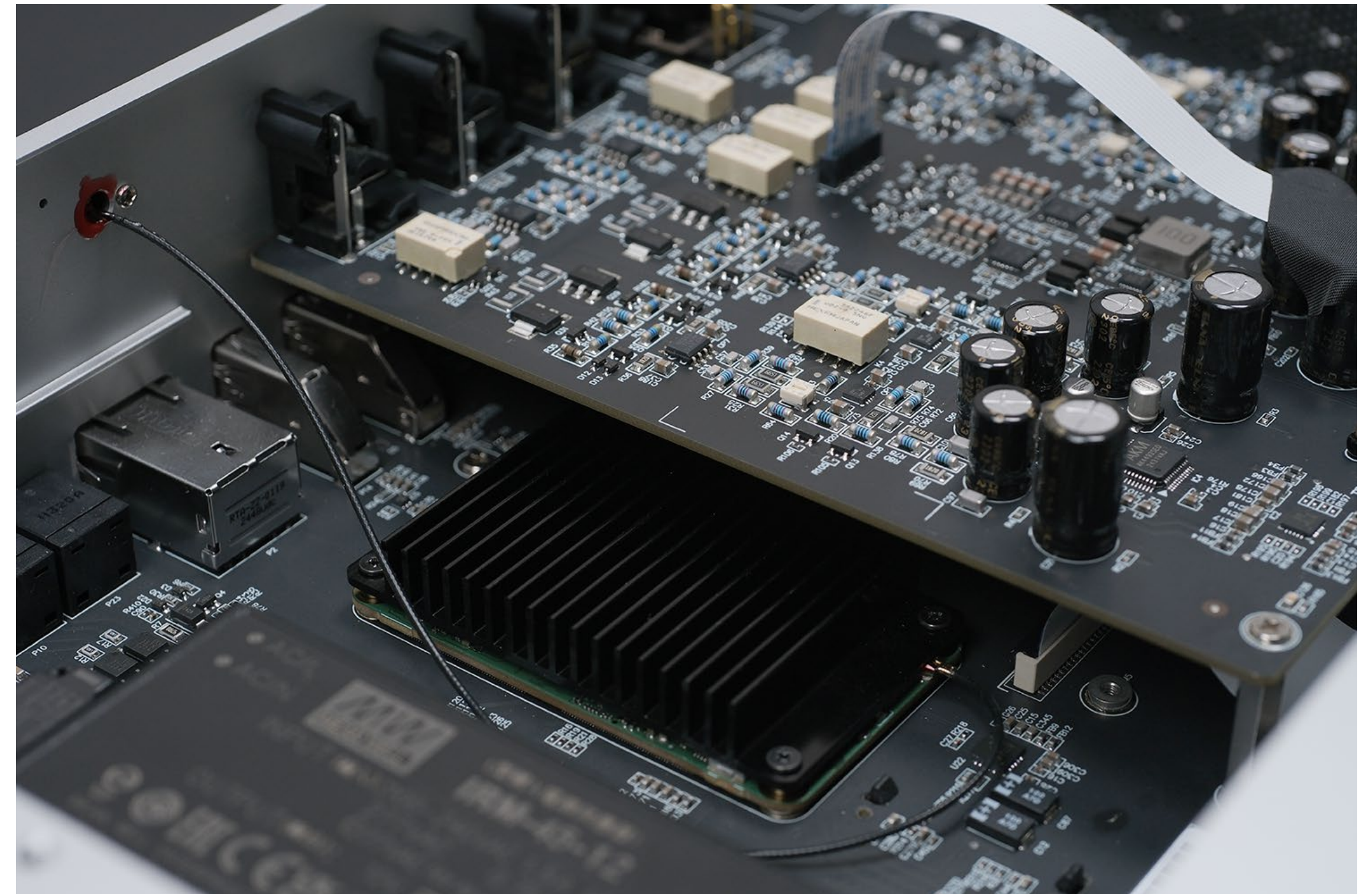
## TS-1

### Music Streamer

#### Bullet Points

The analog and digital circuits are arranged on separate PCBs.

The analog PCB features a fully symmetrical left-right design.





## TS-1

### Music Streamer

#### Bullet Points

DC power input

- Easily to add an external linear power supply to unlock its potential performances.





# TS-1

## Music Streamer

### Bullet Points

#### Network Connection Options

- 1000Mbps Ethernet
- Wi-Fi 6





# TS-1

## Music Streamer

### Competitor Analysis

Country	Brand	Model	Price	Software	Hardware	Weakness	Operation
CN	Matrix Audio	TS-1	\$2199	TIDAL, Qobuz, Spotify, Roon, AirPlay2, HIGHRESAUDIO, <b>Dropbox</b> , vTuner, Radio Paradise, UPnP, DLNA,	Discrete headphone amp, dual D/A chip, dual femto clock, M.2 SSD, Wi-Fi 6, Gigabit Ethernet, sub out, support external linear power	Not support app installation, switch mode power	App & touch display
JP	TEAC	UD701N	\$3000	Unkown OS	Upsampling, support external clock, linear power, bluetooth	Monochrome small display, no Wi-Fi, no internal drive, not support app installation	No app
CN	Eversolo	A8	\$1980	Android	Linear power, femto clock, analog volume control, bluetooth	Android OS causes the HW a short life cycle, complex OS and not conducive to sound quality, operation based on the device display	Mainly based on device display, supplemented with app
CN	AURALiC	VEGA S1	\$2980	Linux, Amazon, KKBOX, Lightning Cast	Analog volume control, electrical isolated, linear power	No Android app, not support app installation, no Wi-Fi, no headphone amp, not support internal storage	App
KR	Aurender	A1000	\$3990	Linux	TCXO clock, linear power, electronic isolated, bluetooth	Dual AK4490、SATA	App
CN	FiiO	R9	\$1499	Android	ES9038PRO*2, bluetooth	Android OS causes the HW a short life cycle, complex OS and not conducive to sound quality, 100M LAN, no internal storage	Device touch display
MATRIX AUDIO 矩陣科技	HiFi Rose	RS250	\$2495	Android	Linear power, bluetooth	Android OS causes the HW a short life cycle, complex OS and not conducive to sound quality, SATA drive, ES9038Q2M	Touch control and app



## TS-1

### Music Streamer

#### Advantages of Matrix Audio

- Integrates a wide range of streaming services and protocols.
- Firmware and app are continuously and promptly updated, incorporating user feedback and introducing new features regularly. Compared to the competitors, it has a faster software iteration speed.
- Outstanding industrial design and build quality, standing out among various brands.
- Integrate desktop audio, computer audio and home theater into one setup.

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Thanks For Watching  
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