

# A&norma **SR25 MKII**

CS43198  
Dual-DAC

Quad-Core C  
PU

Native DSD2  
56

32bit 384kHz  
z  
bit to bit play  
y

2.5mm, 4.4  
mm  
Balanced Ou  
tput

20hrs  
Playback

MQA 8x  
MQA-CD

LDAC  
aptX™ HD

ReplayGain

BT Sink

## **A Pocket Powerhouse**

In common with the entire Astell&Kern range, high fidelity sound lies at the heart of the SR25 MKII, delivering exceptional audio performance to a diverse range of music lovers. The most distinctive feature of the Astell&Kern A&norma product line is its compact form factor. However the SR25 MKII offers more detailed sound than its predecessor, allowing the clear expression of each and every instrument and vocal.

Support for 4.4mm balanced output provides more versatile connectivity. LDAC is now supported in addition to Qualcomm® aptX™ HD support in previous models, resulting in true audiophile sound quality.

**The SR25 MKII is a true mass premium product**

**Improved audio quality compared to the SR25**

**Versatile connectivity, thanks to 4.4mm balanced output support**

**Energy-efficient design resulting in 20 hours of continuous playback**

**Supports two-way Bluetooth and high-definition codecs (Qualcomm® aptX™ HD, LDAC)**

**ReplayGain automatically maintains constant volume**

The SR25 MKII keeps everything we love about the SR25 and adds new design features. It will produce the best sound quality anywhere, anytime.

## **Better Sound. Familiar Feel.**

Not all DACs sound the same.

The SR25 MKII delivers improved performance across the board compared to the SR25, including bass response, dynamic range, soundstage, imaging and more.

The SR25 MKII utilizes Astell&Kern's latest audio design technology for clear and natural high-resolution sound with more clearly defined upper and lower ranges providing listeners with a deeper, more rounded sound.

**Bit-to-Bit** playback is available in models up to the SR25 MKII 32 bit 384 kHz. Native DSD audio is available up to 11.2 MHz, for uncompressed sound quality, staying true to the artist's original intention, in high-resolution and with minimal distortion.

With seamless playback performance supporting native DSD256 up to 32 bit/384 kHz, you will derive even more pleasure from your music.

## **Multiple Output Options**

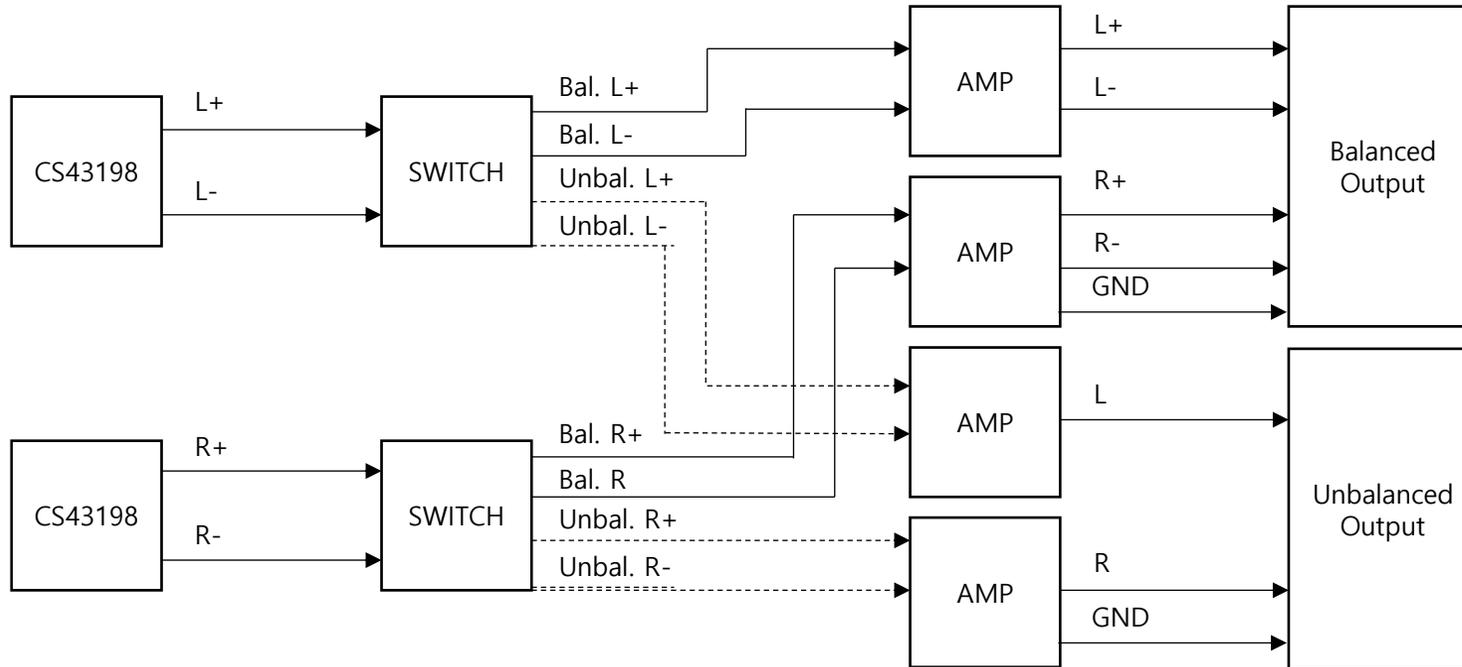
The SR25 MKII supports 4.4mm balanced output.

With 2.5mm, 3.5mm and 4.4mm output options, you can connect an even wider variety of devices.

The 4.4mm balanced output provides improved dynamic range and bass response, supports a wide soundstage, offers clear imaging, and captures subtle details in the audio source.

Enjoy your music without worrying about adaptors.

## SR25 MKII Output Structure



## **Excellent Continuous Playback Time**

No need to worry about battery life.

The SR25 MKII can play continuously for 20 hours with just one full charge, thanks to its optimized, energy-efficient circuitry.

Enjoy your own personal musical performance anytime, anywhere thanks to the SR25 MKII's extended playback time and its portability.

- Music in FLAC format, 16 bit, 44.1 kHz, unbalanced, volume at 50, EQ Off, LCD Off
- Playback time may vary depending on the user environment.

## Silver Plating Shield Can

Astell&Kern products apply shield cans so that noise and elec-tromagnetic interference, which occur when the countless parts are in operation, do not affect the audio block.

The SR25MKII has taken it a step further by applying highly conductive, hyper-pure silver plating on the existing shield cans for perfect shielding that provides excellent audio performance.

## Silver Plating Shield Can

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## Wireless Hi-Fi Sound Through BT Sink

The newly introduced BT Sink function connects the SR25MKII to an external device via Bluetooth, similar to connecting a smartphone with a BT speaker.

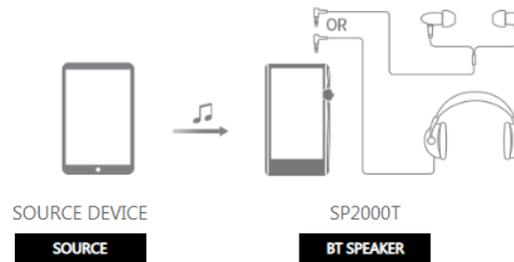
Music from an external device, such as a smartphone can now be played back in high-quality on the SR25MKII using the BT Sink function.

## Wireless Hi-Fi Sound Through BT Sink

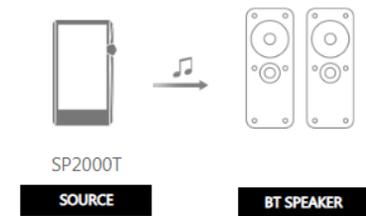
The newly introduced BT Sink function connects the SP2000T to an external device via Bluetooth, similar to connecting a smartphone with a BT speaker.

Music from an external device, such as a smartphone can now be played back in high-quality on the SE180 using the BT Sink function.

BT Connect (RX Mode/BT Sink)



BT Connect (TX Mode)



## AK File Drop to enjoy wireless transfers

The new AK File Drop function in the SR25MKII makes files transfers easier and more convenient.

Using AK File Drop, you can freely transfer files wirelessly through a PC, smartphone, or FTP program located on the same network.

Music file management is now possible with a cableless, wireless solution.



The diagram shows a laptop on the left and a smartphone on the right. Above the laptop is a Wi-Fi symbol and the text 'PC / SMART PHONE'. Above the smartphone is another Wi-Fi symbol. A blue arrow with a file folder icon points from the laptop to the smartphone. The text 'FTP CONNECT (DOWN / UPLOAD)' is positioned at the top of the diagram area.

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## ReplayGain Automatically and Uniformly Adjusts Playback Volume

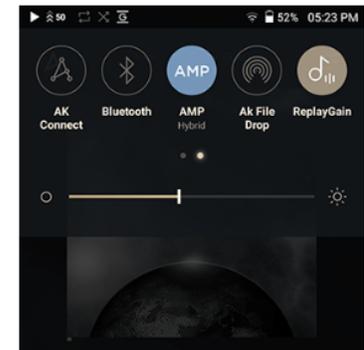
ReplayGain, which adjusts sound sources with different volumes to an identical level, has been applied. Now, enjoy your own playlists seamlessly through the ReplayGain feature on SR25MKII.

- ReplayGain supports up to 24-bit/192 kHz sound sources.

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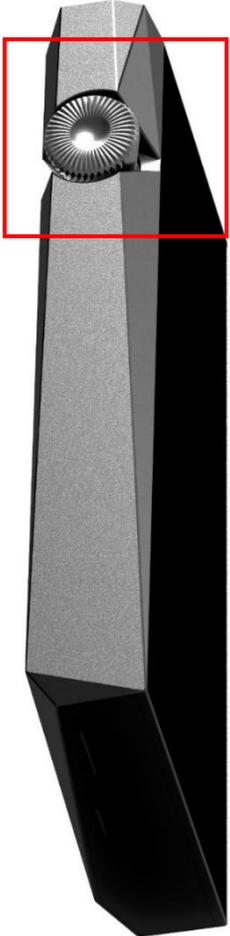
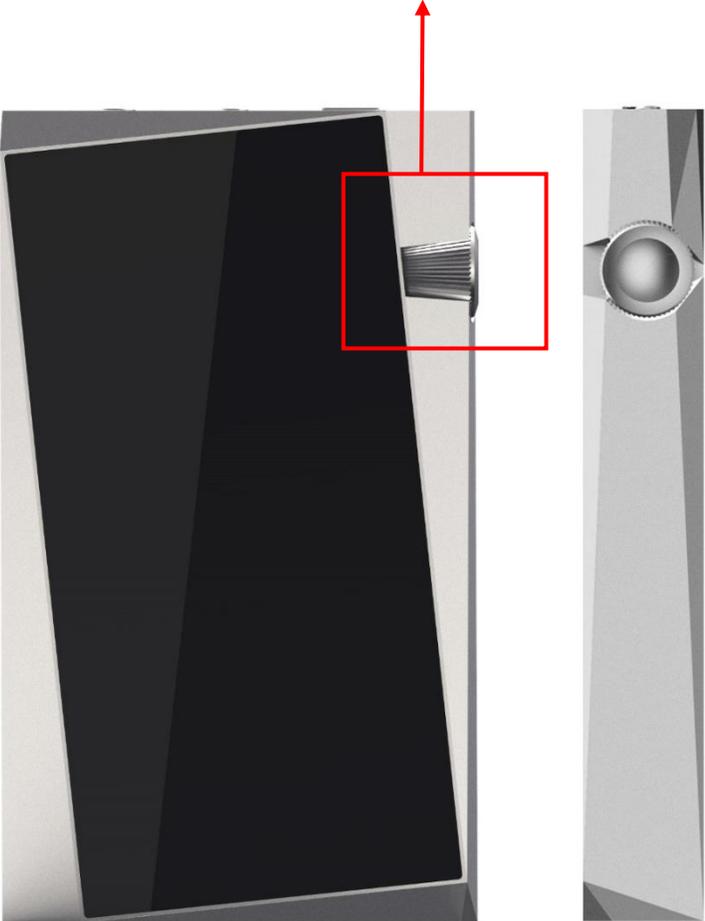
## Design Concept

The A&norma SR25 MKII inherits the overall design identity of the A&norma SR25 model, highlighting the rhythmic freedom of music through the harmonious combination of design elements.

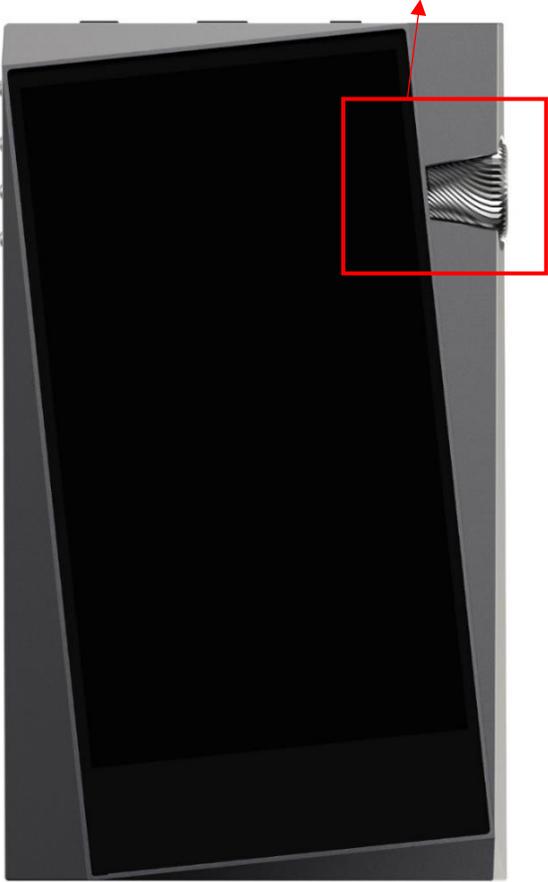
The top and bottom edges of the bezel are angled, giving the impression of a smaller rectangle floating freely inside the chassis.

The pattern on the side is designed to draw attention to the volume wheel whilst conveying an impression of sound.

Changed from a straight line to a diagonal line to draw attention to the wheel



Note that the mass-production design will feature diagonal lines rather than curved lines



## General Specifications

Model	SR25 MKII
Body Color	Mercury D. Sliver
Body Material	Aluminum
Display	3.6inch HD 720 x 1280 touch screen
Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE, AAC, ALAC, AIFF, DFF, DSF
Sample rate	PCM : 8kHz ~ 384kHz (8/16/24/32bits per Sample) DSD Native: DSD64(1bit 2.8MHz), Stereo / DSD128(1bit 5.6MHz), Stereo / DSD256(1bit 11.2MHz), Stereo
Output Level	Unbalanced 2Vrms   Balanced 4Vrms (Condition No Load)
CPU	Quad-core
DAC	Ciruss Logic CS43198 x2 (Dual-DAC)
Decoding	Support up to 32bit / 384kHz Bit to Bit playback
Input	USB Type-C input (for charging & PC & MAC)
Outputs	Unbalanced Out (3.5mm), Balanced Out (2.5mm, only 4-pole supported   4.4m, only 5-pole supported)
Wi-Fi	802.11 b/g/n (2.4GHz)
Bluetooth	V4.2 (A2DP, AVRCP, Qualcomm® aptX™ HD, LDAC)
Dimensions	2.5" (63.5mm)[W] x 4.26" (108.3mm)[H] x 0.63" (16.1mm)[D]
Weight	about 6.27oz (178g)
Feature Enhancements	Firmware upgrade supported (OTA)
Operating Temperature	0°C ~ + 40°C (32°F~ 104°F)

## Audio Specifications

Frequency Response	±0.014dB (Condition : 20Hz~20kHz) Unbalanced   ±0.011dB (Condition : 20Hz~20kHz) Balanced ±0.010dB (Condition : 20Hz~70kHz) Unbalanced   ±0.012dB (Condition : 20Hz~70kHz) Balanced
S/N	122dB @ 1kHz, Unbalanced   124dB @ 1kHz, Balanced
Crosstalk	-138dB @ 1kHz, Unbalanced   -144dB @ 1kHz, Balanced
THD+N	0.0006% @ 1kHz, Unbalanced   0.0005% @ 1kHz, Balanced
IMD SMPTE	0.0004% 800Hz 10kHz (4:1) Unbalanced   0.0003% 800Hz 10kHz (4:1) Balanced
Output Impedance	Unbalanced Out 3.5mm (1.2ohm)   Balanced Out 2.5mm (1.8ohm), 4.4mm(1.7ohm)

## Clock Source

Clock Jitter	25pS (Typ)
Reference Clock Jitter	70ps

## Storage Capacity

Built-in Memory	64GB [NAND]
External Memory	microSD x1 (Max. 1TB)

## Battery

Capacity	3,150mAh 3.7V Li-Polymer
Charge Time	about 2.5hours (5V 2A General Charging)
Playback Time	about 20hours (Standard : FLAC, 16bit, 44.1kHz, Unbalanced, Vol.50, EQ Off, LCD Off)

## Supported OS

Supported OS	Windows 7,8,10(32/64bit) MAC OS X 10.7
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