



aria

AUDIOPHILE MUSIC SERVER  
POWERFUL APP



Audiophile

Easy-to-use

Elegant

# aria

The only music server on the market to supports an unlimited number of extended metadata fields for any music genre

Designed by and for music lovers and audiophiles, **aria** is a no-compromise music server system sure to please both audiophiles in search of sonic excellence and music lovers with large collections of CDs and/or digital files for whom a powerful and easy-to-use music library management tool is key.

**aria** is the only music server on the market to supports an unlimited number of extended metadata fields for any music genre. This facility allows users to sort and view their music collection in multiple ways such as: albums from the romantic (**Period**) for piano (**Instrument**), played by Maurizio Pollini (**Soloist**). For users' convenience **aria** has 18 predefined fields automatically matching the tagging structure of our proprietary classical music database, **SonataDB**. However you can delete or add fields at will. For any other music genre, all fields can be manually tagged.

**aria's** innovative slim fanless 6mm thick precision machined aluminum chassis has been designed by **Ochoa & Diaz-Llanos**, a leading European industrial design studio. All hardware components have been carefully selected to meet the highest quality standard, computing electronics used are all industrial grade and audio components are hi-end quality. The low-power consumption assures a low operating temperature resulting in long life and reliability for all components.





## Features

- Easy to use - just open your Tablet and start playing preloaded hi-res complimentary music
- 100% silent operation
- Up to 4TB of internal storage (SSHD) or 2TB (SSD)
- Multizone support
- Fully automatic CD Ripper (insert & rip)
- Best metadata retrieval in the market with extended metadata fields, fully automatic for classical CDs (*Period, Style, Instrument, Conductor, Orchestra, Soloists, Label*)
- Bit Perfect digital audio
- Support for up to 32bit/384KHz (DXD) and DSD music files
- Digital and (optional) analog outputs
- Streaming to Tablet
- Streaming to DLNA , Google Cast and Airplay compatible devices
- Supports a broad range of music formats: WAV, FLAC, Apple Lossless (ALAC), AIFF, AAC, Ogg Vorbis, MP3 and DSD64 /128/256



# Specifications

## SOFTWARE

### RIPPING

- Fully automatic CD Ripper (insert & rip)
- Error correction and AccurateRip audio check
- Internet access to premium databases: Discogs, GD3, SonataDB (Classical), Freedb and Musicbrainz
- PerfectMeta software picks and merges metadata results from each database to bring you the best metadata results in the industry
- Extended metadata fields support (up to 18) for all music genres: *Composer, Period, Instrument, etc.*, a unique feature, and still a market first available for ANY genre with manual tagging

### PLAY

- Gapless playback
- Crossfade in playback
- Play files from memory
- Multizone streaming using UPnP/DLNA compatible renderers
- Play from external USB HDD and/or NAS
- Play to Tablet and any other compatible device
- Stream any music service from your Tablet
- Play remotely your music library in a PC/MAC or mobile device
- Automatic output sampling frequency switching

### AUDIOPHILE CHARACTERISTICS

- Support for uncompressed (WAV, AIFF) and lossless formats (FLAC, ALAC)
- DXD (32bit/352.8KHz) files Support
- DSD, DSD x 2 and DSD x 4 files support
- Bit Perfect support (ASIO, WASAPI and Kernel streaming)



# Specifications

## HARDWARE

- Very slim aluminum fanless case
- Professional industrial grade TEAC 5¼" tray-loading DVD-R drive for ripping
- Custom ultra low-power industrial grade motherboard
- Hi-end USB to SPDIF converter board with asynchronous operation up to 24-192 allows for Kernel Streaming, Direct Sound and WASAPI
- Outputs: SPDIF Coax RCA, AES/EBU and USB

## OPTIONS

- Internal 1 x 2.5" SSD up to 2TB (recommended)
- DAC board (32-384 and DSD capable)
- Linear power supply





# Specifications

## DAC

- Sampling frequency: PCM 44.1 to 384kHz, DSD 64 to 256
- PCM resolution: 16 to 32 bits
- Frequency response: 5Hz to 75kHz (fs 384kHz or DSD256)
- SNR: 120dBA
- THD+N: 0.0008%
- Output voltage: 2.5Vrms @ 0DBFS (RCA), 5Vrms @ 0dBFS (BNC)
- Output impedance: 0,5 Ohms
- Clock precision: 2ppm 0°C to 50°C, 0.5ppm typical @ 25°C
- Clock phase noise: -125dBC @ 100Hz
- USB link: async, USB 2.0 Audio class compliant

## MODELS

aria 2 4TB-SSHD

aria 2 2TB-SSD

## Options

DAC

Yes

Yes

LPSU

Yes

Yes

## OTHER

- Dimensions: 43 x 36 x 6,5 cm
- Weight: 12 Kgs.
- AC: 110-230V

# Specifications LPSU



- Input voltage: 100-240VAC, 50/60Hz
- Voltage selection: automatic by microcontroller
- Power consumption: 100VA
- Output voltage 1: 5VDC - 5A
- Output voltage 2: 12VDC - 5A
- Output voltage 3: +/-13VDC - 300mA
- Noise on output 3: 10uVrms (20kHz BW)
- Entrée : C13 socket with mains switch and fuse holder
- Output: female 5-pin XLR
- Mains fuse: 1.5A slow blow
- Output protections: automatically resettable solid state fuses
- Size: 300x210x45mm
- Weight: 2.5kg

# aria app



## UNIQUE IN THE MARKET

Unlimited number of extended metadata fields for any music genre

- Extremely easy-to-use, just open the app and start playing music
- **aria app** automatically detects any aria server and selects it with no network hassles. Manual entry of NAS name or IP address is also provided
- Available zones with compatible DLNA renderers are identified and can be selected anytime in the zones menu
- Multilanguage GUI support
- Super-fast loading and scrolling of large libraries
- Logical tree views in tile layout supported for all extended metadata fields, that allows a unique and powerful browsing experience through the music library
- Playlists storage in aria server
- Import music (copy to HDD) and libraries from external HDD and NAS
- Deletion of music files
- Automatic playlists creation (top 100, recently played, etc.)
- On-screen tagging tool for all metadata fields
- Audio streaming to the Tablet allows listening to aria's music library on headphones
- Intelligent Search engine showing results sorted by tracks, albums and metadata fields
- Streaming music with Airplay: You can stream the music contained in your Tablet, Spotify, Qobuz, Wimp/Tidal, Deezer, Rhapsody, Pandora, Internet radio, etc.
- Streaming to Airplay devices
- Compatible with iOS and Android

