

818v3

REFERENCE AUDIO CORE



OVERVIEW

The 818v3 is the highest performance two-channel preamplifier and Meridian Sooloos end-point manufactured by Meridian – the ultimate home audio system hub. Connecting at the heart of an incredible Meridian music system, it offers simple networked integration with any Meridian Sooloos Digital Media System plus an array of other sources, including MQA-encoded files and streams.

Since its introduction in 1998, Meridian's 800 Reference Series has showcased the very best in surround sound, DVD, CD, and network music playback, becoming the benchmark against which performance standards have been set throughout the audio industry.

PRODUCT HIGHLIGHTS

Reference preamplifier featuring Meridian enhancement technologies such as FIFO buffering, DSP upsampling and apodising filters to deliver the very best performance from any digital source.

- Connects directly to a Meridian Sooloos Digital Media System to make the 818v3 an audio endpoint.
- Full range of analogue and digital inputs allowing the 818v3 to handle all your sources, with Meridian enhancements on the digital inputs. Standby mode maintains voltage rails for instant warm-up.
- Magnetically isolated design maximises audio quality.
- Meridian SpeakerLink connection for ultimate quality and convenience of installation when driving Meridian DSP Loudspeakers.

USER FEATURES

- The 818v3 features twin SpeakerLink outputs for “home run” connection in an all-digital system with any of Meridian’s SpeakerLink equipped DSP Loudspeakers.
- A diverse range of high-performance audio inputs, both analogue and digital, allow audio sources to be switched and processed using the same powerful audio enhancing DSP as the internal Digital Media source.
- Simple, high-quality USB connection to a personal computer allows the 818v3 to function as an external soundcard when connected to a personal computer and performance is limited only by the source signal.
- The 818v3 also supports the playback of DSD sources via DSD-over-PCM (DoP) from a suitable media player via USB or S/PDIF inputs which accept sources up to 192kHz, 24 bit.
- Features such as Bass, Treble, Balance, Enhanced Bass Alignment and Enhanced Boundary Control can be set from the Audio Control unit, with Bass, Treble and Balance adjustment provided on the analogue outputs.

TECHNOLOGIES

Meridian’s Audio Core concept combines the source connectivity features of a high-performance preamplifier with a full suite of proprietary resolution enhancement technologies, providing connectivity to Meridian’s unique range of DSP Loudspeakers.

MQA – MASTER QUALITY AUTHENTICATED

Built in MQA decoder and Digital inputs support the revolutionary MQA process, which delivers the accurate sound of the studio – guaranteed.

MERIDIAN’S SPEAKERLINK CONNECTION SYSTEM

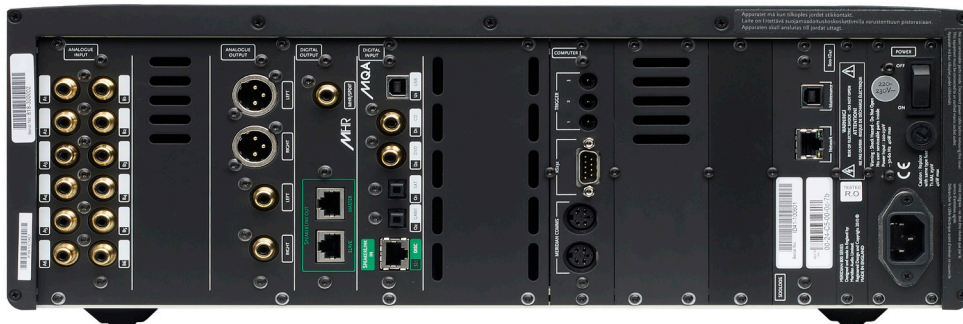
SpeakerLink delivers the highest quality digital signals to Meridian’s DSP Loudspeakers using discreet cables with simple connectors.

MERIDIAN SOOLOOS DIGITAL MEDIA SYSTEM

The 818v3 provides an internal digital media source through a network connection to any Meridian Sooloos Digital Media System.

ENHANCEMENT TECHNOLOGIES

FIFO buffering, DSP upsampling, apodising filters and MHR (Meridian High Resolution) are employed to get the very best performance from all digital sources. In addition, the DSP capability – using a brand new DSP chip – allows the adjustment of lip-sync delay to ensure audio and video signals are always correctly synchronised.



REAR PANEL LAYOUT

CONSTRUCTION

Finished in high grade materials, the 818v3 features sculptured end panels which mirror the soft lines of Meridian's DPS Loudspeakers.

The 818v3 is available in black and the full range of Meridian Select colour options.

- The 818v3 Reference Audio Core features an advanced linear power supply design for minimum noise and maximum signal integrity.
- SpeakerLink helps make a Meridian system easier to install and far less intrusive than other high-end audio systems.
- An enhanced analogue output card features advanced filtering for broader bandwidth, maximising the potential of high-resolution music.

SPECIFICATION

OUTPUTS - Analogue	<ul style="list-style-type: none"> • 1x unbalanced on phono, 1x balanced on XLR-3M, rendering of decoded MQA streams
OUTPUTS - Digital	<ul style="list-style-type: none"> • Coaxial S/PDIF $\leq 96\text{kHz}/24\text{-bit}$ • Twin SpeakerLink, RJ45 balanced (AES/EBU) digital interface for single-cable connection to other Meridian equipment, $\leq 96\text{kHz}/24\text{-bit}$ with MHR, and MQA signals for rendering by Meridian DSP loudspeakers
INPUTS - Analogue	<ul style="list-style-type: none"> • 6x unbalanced on phono
INPUTS - Digital	<ul style="list-style-type: none"> • 2x Coaxial S/PDIF $\leq 192\text{kHz}/24\text{-bit}$, DoP, 2x Toslink optical $\leq 96\text{kHz}/24\text{-bit}$, 1x SpeakerLink $\leq 192\text{kHz}/24\text{-bit}$, 1x Asynchronous USB $\leq 192\text{kHz}/24\text{-bit}$, DoP, MQA source decoding, DSD (DoP) native decode
SOURCES	<ul style="list-style-type: none"> • Meridian Sooloos System: RJ45 Ethernet connection
COMMS	<ul style="list-style-type: none"> • Meridian Comms: 2x 240 degree 5-pin DIN, 1x SpeakerLink input with Comms, 2x SpeakerLink outputs with Comms • RS232: 9-pin D-sub, remote control & configuration • Triggers: 3x 12V (barrel connectors)
CONTROLS	<ul style="list-style-type: none"> • Front panel: Source, Play/Pause, Previous, Next, Mute, Volume+, Volume-, Off • Behind long door: Menu, Up, Down, Left, Right, F-Fwd, F-Rwd, Setup, Source, Display, Mute, Volume+, Volume- • Remote Control: Via MSR+ (supplied) and RS232
DISPLAY	<ul style="list-style-type: none"> • 20-character LCD: With adjustable brightness and contrast
DIMENSIONS/WEIGHT	<ul style="list-style-type: none"> • HEIGHT: 175mm [6.9in] • WIDTH: 480mm [18.9in] • DEPTH: 411mm [16.2in] • WEIGHT: 16.0kg [35.2lbs]
POWER	<ul style="list-style-type: none"> • Advanced linear power supply: 110 - 120 Volt 50/60Hz, 220 - 240 Volt 50/60Hz • Max Power Consumption: 40 Watts

818 REFERENCE AUDIO CORE FLEXIBILITY MEETS PERFECTION

The ultimate home audio system hub, the 818 is the highest performance two-channel preamplifier and Meridian Sooloos end-point that we make. With extensive connection options for all of your audio sources, the 818 delivers the ultimate streaming experience for all analogue and digital sources.



THE 818 AT A GLANCE



Multiple analogue and digital inputs enable connection to any source within a system for optimum performance with analogue or DSP systems.



Unique Meridian High Resolution up-sampling to offer the best possible performance from all of your sources.



Reference Sooloos zone delivers pristine lossless audio quality for all your music.



Re-clocking of the digital audio signal to remove timing errors for superior clarity and resolution.



270 bespoke RAL finishes available allowing you to integrate with any interior.



Control 4 and Crestron control options, plus RS232 and Meridian Comms.



SOOLOOS: ALL MUSIC. ALL THE TIME.

Meridian's award-winning Sooloos delivers pristine lossless audio quality with an extremely intuitive user interface.

It automatically discovers and integrates with your client's network for instant installation. Sooloos is a modular, expandable system designed to suit your needs.



STREAMING
TIDAL, Napster
& Rhapsody



CD LIBRARY
Easy to input & catalogue
over 30,000 CDs



DOWNLOAD LIBRARY
MP3, Flac & Wav



INTERNET RADIO
TuneIn Radio

MERIDIAN SOOLOOS AT A GLANCE



FOCUS

Allows you to move away from text based searching forever. Choose from genres, moods, decades, resolution quality and more to find exactly what you want to listen to.



SWIM

When your queued music comes to an end, Swim will keep the party going. Unique to Sooloos, this is the most sophisticated way to randomise your favourite music.



BROWSE

Effortlessly browse by artist, release date, TuneIn Radio stations or import date using the stunning free iPad or Touch PC interfaces.



EXPLORE

Sooloos offers myriad ways to navigate 30,000 album capacity. Browse by genre, tags, decade, mood, words or ideas. Explore makes it simple to find what you want to hear.



STREAM

Add millions of songs to your collection with major music subscription services, like Tidal, and simply add any music you like to your collection to listen to them time and time again.



TUNE IN

Internet Radio offers a vast catalogue of music, entertainment and information from around the world. Find stations and listen easily and reliably thanks to the integrated TuneIn™ directory.