

MERIDIAN AUDIO PRODUCT RANGE



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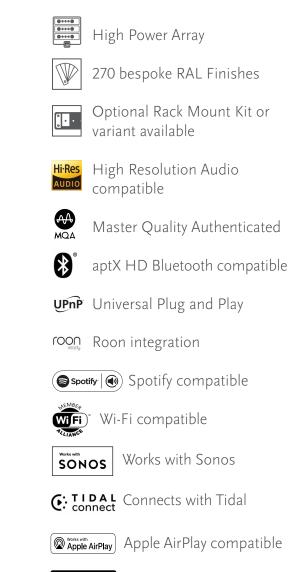
MERIDIAN SERIES RANGE

200 Series	17
218	18
251	18
271	18
258	19
210	19

KEY

* Without feet/spikes ** Excludes frame and cable feed ⁺Height on standard feet (recommended for use on a carpeted floor) ++Height on standard feet plus rubber inserts (recommended for use on a hard floor surface)

TECHNOLOGIES & FEATURES



Google Cast Works with Google Cast

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LOUDSPEAKERS FLAGSHIP

DSP8000 XE is the first product to emerge from Meridian's groundbreaking Extreme Engineering Programme; a result of years of investment and research at the extreme edge of audio design and built upon the fundamental and unique elements of Meridian's approach to delivering authentic, natural and lifelike sound.

A new design concept, Meridian's Precision Sonic Transport, uses innovative techniques and processes which ensure the entire journey taken by an audio signal through a product maintains maximum sonic fidelity, so that the listener is immersed in authentic and realistic sound.

The outstanding fidelity, dynamics and sheer power of the DSP8000 XE Loudspeakers means they deliver an incredible experience in cinemas and listening rooms alike. Our Select finishing option gives you the choice of blending into the room with a complementary finish or standing out with a bold, vibrant colour, finished in matte or gloss.

With an ability to deliver the very best from High Resolution sources, the performance of the DSP8000 XE demonstrates why Meridian is widely regarded as the British Audio Pioneers.



DSP8000 XE



PERFORMANCE:

- Peak SPL: 120dB at 1m for a single loudspeaker Flexible input connectivity including
- Frequency response in room within 3dB: 18Hz - 40kHz
- Electronic platform resolution 176kHz/192kHz
 Q-Sync at up to 24-bit precision
- Multiple amplifiers: Tweeter and Mid-range - each >150W into 4Ω , • FFA Class AB

Bass – six bridged pairs, each pair >240W into 4Ω , Class D

- 8 drive units:
- Tweeter 1 x Ultrasonic tweeter, 25mm beryllium dome with custom waveguide Mid-range - 1 x EVO mid-range, bespoke 160mm with clear cone

Bass Drivers - 6 x Subsonic bass drivers, 200mm with long-throw, polypropylene cone

FEATURES & TECHNOLOGIES:

- SpeakerLink
- Digital Precision
- True Link True Time
- Free-Q
- Perfect Balance
- Bespoke Signal Mapping
- R1 Electronics Platform with Sync Link
- E3 Bass
- Image Focus+
- Pro-Active Bass
- Pro-Active Thermal
- Atlas Software Core



SPECIFICATION/OPTIONS:

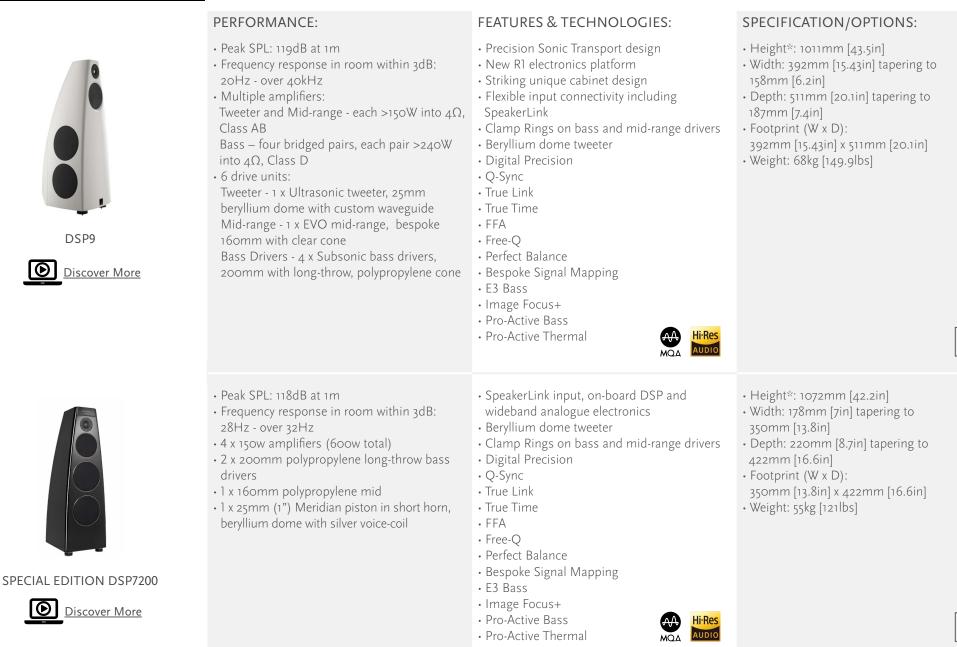
- Height*: 1305mm [53.2in]
- Width:158mm [6.2in] tapering to 400mm [15.7in]
- Depth: 210mm [8.3in] tapering to 528mm [20.8in]
- Footprint (W x D): 400mm [15.7in] x 528mm [20.8in]
- Weight: 110.5kg [243lbs]





The Reference series represent some of the most advanced loudspeakers engineered by Meridian. Our Reference series includes the DSP9, the latest award-winning product to emerge from Meridian's groundbreaking Extreme Engineering Programme.

Built by hand in the UK, the Meridian Reference series feature Digital Signal Processing (DSP) technology. This ingenious, yet elegant design means that the loudspeaker enclosure contains the entire system's electronics; including its amplification. In common with the other loudspeakers in the Reference series, a suite of innovative Meridian technologies are also built in. Finished as standard in a piano lacquer black, the Reference series is also available in any of the 270 Meridian Select colours. The series offers a choice of full-range floor-standing or horizontal centre-channel options, for audio or home cinema solutions.



SPECIAL EDITION DSP5200



PERFORMANCE:

- Peak SPL: 116dB at 1m
- Frequency response: In room within 3dB: 35Hz over 32kHz
- 3 x 75w amplifiers (225w total)
- 2 x 160mm polypropylene long throw bass drivers
- 1 x 25mm (1") Meridian piston in short horn, beryllium dome with silver voice-coil

FEATURES & TECHNOLOGIES:

- SpeakerLink input, on-board DSP and wideband analogue electronics
- Beryllium dome tweeter
- Clamp Rings on bass and mid-range drivers
- Digital Precision
- Q-Sync
- True Link
- True Time
- FFA
- Free-Q
- Perfect Balance
- Bespoke Signal Mapping
- E3 Bass
- Image Focus+
- Pro-Active Bass
- Pro-Active Thermal

SPECIFICATION/OPTIONS:

- Height*: 903mm [35.6in]
- Width: 178mm [7in] tapering to 300mm [11.8in]
- Depth: 220mm [8.7in] tapering to 360mm [14.2in]
- Footprint (W x D): 300mm [11.8in]
- x 360mm [14.2in]

Hi-Res AUDIO • Weight: 35kg [77.1lbs]



PERFORMANCE:

- Peak SPL: 118dB at 1m
- Frequency response in room within 3dB: 28Hz over 32Hz
- 4 x 150w amplifiers (600w total)
- 2 x 200mm polypropylene long-throw bass drivers
- 1 x 160mm polypropylene mid
- 1 x 25mm (1") Meridian piston in short horn, beryllium dome with silver voice-coil

FEATURES & TECHNOLOGIES:

- SpeakerLink input, on-board DSP and wideband analogue electronics
- Beryllium dome tweeter
- Clamp Rings on bass and mid-range drivers Wideband analogue electronics
- Digital Precision
- Q-Sync
- True Link
- True Time
- FFA
- Free-Q
- Perfect Balance
- Bespoke Signal Mapping
- E3 Bass
- Image Focus
- Pro-Active Bass
- Pro-Active Thermal
- Hi-Res MQA

- SPECIFICATION/OPTIONS:
- Height*: 295mm [11.6in]
- Width: 1060mm [41.7in]
- Depth*: 478mm [18.8in]
- Weight: 64kg [141lbs]



SPECIAL EDITION DSP7200HC





SPECIAL EDITION DSP5200HC



- Peak SPL: 116dB at 1m
- Frequency response: In room within 3dB: 35Hz over 32kHz
- 3 x 75w amplifiers (225w total)
- 2 x 160mm polypropylene long throw bass drivers
- 1 x 25mm (1") Meridian piston in short horn, beryllium dome with silver voice-coil
- SpeakerLink input, on-board DSP and wideband analogue electronics
- Beryllium dome tweeter
- $\boldsymbol{\cdot}$ Clamp Rings on bass and mid-range drivers
- Digital Precision
- Q-Sync
- True Link
- True Time
- FFA
- Free-Q
- Perfect Balance
- Bespoke Signal Mapping
- E3 Bass
- Image Focus
- Pro-Active Bass
- Pro-Active Thermal



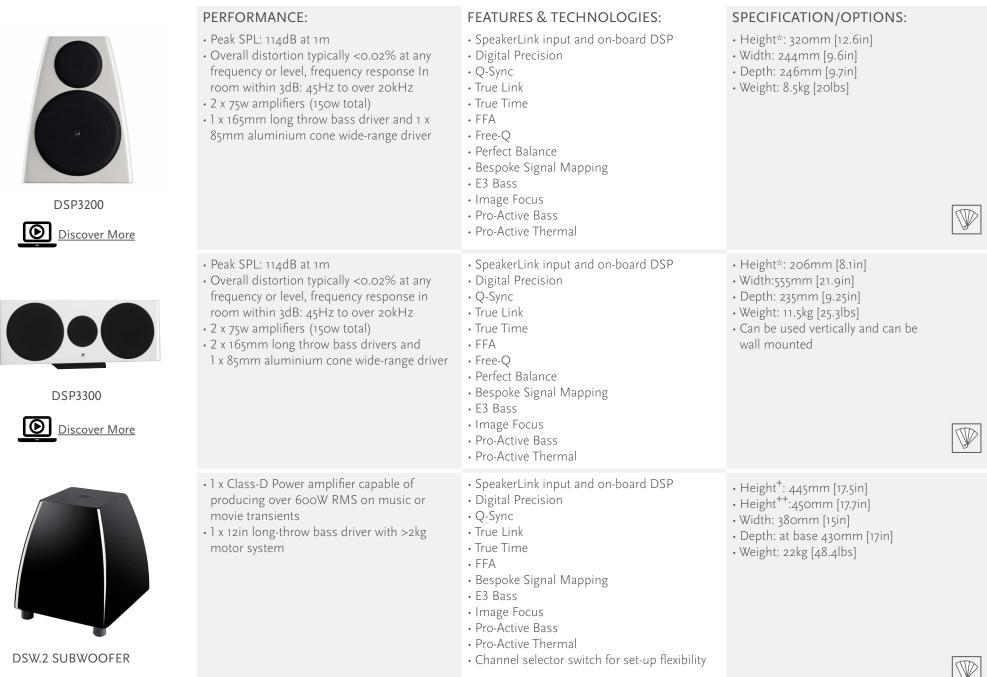


- Height*: 201mm [7.9in]
- Width: 735mm [29in]
- Depth*: 267mm [10.5in]
- Weight: 35kg [77.1lbs]

LOUDSPEAKERS PERFORMANCE

The Performance series comprises a collection of loudspeakers that offer innovative and compact designs without compromise. Featuring individual components that are perfectly matched and sonically balanced, they deliver a level of performance that is unsurpassed by traditional loudspeaker design.

Meridian's Performance series of loudspeakers share much of the technology and innovation used in the Reference series. As the series name suggests, the technology, size and flexibility of these loudspeakers means that they are perfect for a variety of applications, especially in smaller spaces. The modest size of the DSP3200 is ideal for smaller rooms and they can be used on stands, wall mountings or bookshelves. the DSP3300 and DSW.2 Subwoofer also benefit from compact footprints. Finished as standard in a piano lacquer black, the loudspeakers within the Performance series are also available in any of the 270 Meridian Select colours. The Performance series combines elegant design with innovative audio technologies to deliver an authentic sound experience - whether they are used on their own or as part of a larger installation.





Meridian Ellipse is the third loudspeaker to emerge from our Extreme Engineering Programme, producing a natural, authentic and lifelike sound which is immersive and room-filling.

Ellipse is designed for music enjoyment: with a bass response usually associated with much larger speakers, Ellipse has complete control over the sound it plays, so your music is projected into the room with clarity and authority. Ellipse is a complete Meridian system in a compact form factor. It is a distillation of everything we do, and it enables you to experience Meridian's renowned sound quality in any room. Made in Britain using premium craftsmanship, its design is undeniably Meridian.



MERIDIAN ELLIPSE



- PERFORMANCE:
- \bullet Supports Bluetooth $\ensuremath{^{\ensuremath{\mathbb{R}}}}$ wireless technology and WiFi streaming
- Ethernet socket provides option of wired network connection
- Supports AirPlay 2 and Chromecast builtin, as well as native streaming from Spotify Connect and TIDAL Connect. It is a Roon Ready device and can be used as a UPnP renderer
- Uses Meridian's new R2 Electronics Platform which shares much of its design and circuitry with the R1 technolgy used in our larger loudspeakers

FEATURES & TECHNOLOGIES:

- The Meridian Control app provides access to the full range of control and configuration features, to tailor and optimise the sound •Features Meridian's Bass and Space
- technology to create an incredibly wide soundstage, far exceeding that expected from its compact form
- Top control panel carries seven intuitive touch-sensitive controls which are backlit when in use
- Additional connectivity digital or analogue flexibility is provided by optical digital audio and USB-C audio sockets



SPECIFICATION/OPTIONS:

- Height: 171mm [6.7in]
- Width: 412mm [16.2in]
- Depth: 223mm [8.8in]
- Weight: 3.9kg [8.6lb)

IMAGE COURTESY OF

LOUDSPEAKERS ARCHITECTURAL

Our Architectural loudspeakers incorporate resolution-enhancing technologies for the ultimate listening experience in a large range of installation applications. The DSP730 joins the DSP750 in the Reference series, with both loudspeakers delivering Hi-Res audio and the very best in dynamics and clarity. The Performance series within the range includes the DSP520.2 and DSP640.2 In-Wall Loudspeakers, the DSP320.2 In-Ceiling / In-Wall Loudspeaker, as well as the DSW600 Digital Active In-Wall Subwoofer, delivering fast, powerful, dynamic, and accurate bass.

Powered by Meridian's exclusive CLASS-M DSP engine and integrated with DYNAMIC Hi-Res amplifiers, the Architectural range is perfect for delivering Meridian's renowned audio quality discreetly within any home cinema or living

room. The whole architectural range has a mounting depth of 100mm or less which means that the loudspeakers can be used for any situation, regardless of room size or budget, allowing for a simple installation and maintenance-free option.

Meridian's Bespoke Signal Mapping applies tailored filters to distribute sound to each drive-unit, bringing your music or films to life. Many of Meridian's pioneering audio-enhancing technologies feature within the range, such as FFA (Full Frequency Alignment) and Image Elevation, to deliver the most lifelike and natural sound. With virtually no visual impact to the decor, these powerful, full-range in-wall solutions require only a 100mm mounting depth and produce wide sound dispersion over the listening area. **PERFORMANCE:**

technology

30Hz - 40kHz

• Bass extension: 30Hz

• Peak SPL: 120dB at 1m, 108dB at 4m

• 5 pairs of Class-D amplifiers each pair

• 2 x 160mm bass long throw drivers, 2 x

dome tweeter with diffraction expansion

• Frequency response in room within 3dB:

(-6dB), 70° @ 18kHz (-6dB)

bridged for greater than 100W into 8 Ohms

100mm mid-range drivers and 1 x Beryllium

• Horizontal Dispersion: 120° @ 20Hz - 10kHz • Q-Sync









DSP730

Discover More

• 3x DSP750 in HPA = 125dB@1m, Peak SPL: 105 dB@10m/32ft	 True Time FFA Perfect Balance Bespoke Signal Mapping E3 Bass Image Focus Pro-Active Bass Pro-Active Thermal 	00 00 00
 Peak SPL: 115dB at 1m Bass Extension: 38Hz 3 pairs of Class-D amplifiers drivers each pair bridged for greater than 100w into 8 Ohms 1 x 160mm bass long throw driver, 1 x 100mm mid-range driver and 1 x Beryllium dome tweeter with diffraction expansion technology Frequency response: 38Hz - 40kHz Horizontal Dispersion: 120° @ 20Hz - 10kHz (-6dB), 70° @ 18kHz (-6dB) 	 SpeakerLink input, on-board DSP and wide band analogue electronics Beryllium dome tweeter Soundbar or centre channel application Powered by Meridian's exclusive CLASS-M DSP engine Meridian Dynamic Amplifier Design Expansion Diffraction Technology Left + Right mode Digital Precision Q-Sync True Link True Time FFA Perfect Balance Bespoke Signal Mapping E3 Bass Image Focus Pro-Active Bass 	 Height: 800mm [31.5in]** Width: 203mm [8in] Depth: 102mm [4in] Weight: 11kg [24.2 lbs] Finish: grill can be painted to match decor

FEATURES & TECHNOLOGIES:

wide band analogue electronics

Beryllium dome tweeter

DSP engine

• Left + Right mode

Pro-Active Thermal

Digital Precision

True Link

• SpeakerLink input, on-board DSP and

Soundbar or centre channel application

 Meridian Dynamic Amplifier Design • Expansion Diffraction Technology

• Powered by Meridian's exclusive CLASS-M

SPECIFICATION/OPTIONS:

- Height: 1251.3mm [49.25in]**
- Width: 203mm [8in]

AUDIO

- Depth: 102mm [4in]
- Weight: 16kg [35lbs]
- Finish: grill can be painted to match decor

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LOUDSPEAKERS ARCHITECTURAL PERFORMANCE



DSP640.2



PERFORMANCE:	

- Peak SPL: 117dB at 1m, >105dB at 4m
- Bass extension: 35Hz
- 8 x 100w Class-D amplifiers (800w total)
- 2 x 140mm bass long throw drivers and 2 x 85mm wide-range drivers with neodymium magnets
- Frequency response in room within 3dB: 35Hz 22kHz
- 3 x DSP640.2 in HPA = 125dB@1m, Peak SPL: 105 dB@10m/32ft

FEATURES & TECHNOLOGIES:

- SpeakerLink input and on-board DSP
- Soundbar or centre channel application
- Powered by Meridian's exclusive CLASS-M DSP engine
- Left + Right mode
- Digital Precision
- Q-Sync
- True Link
- True Time
- FFAPerfect Balance
- Bespoke Signal Mapping
- E3 Bass
- Image Focus
- Pro-Active Bass
- Pro-Active Thermal
- Peak SPL: 114dB at 1m, >105dB at 9.4m in 5 stack configuration
- Bass extension: 40Hz
- 4 x 100w Class-D amplifiers (400w total)
- 1 x 140mm bass long throw driver and 1 x 85mm wide-range drivers with neodymium magnets
- Frequency response in room within 3dB: 40Hz 22kHz
- 3 x DSP520.2 in HPA = 122dB@1m,Peak SPL: 105 dB@7.1m/23ft

Soundbar or centre channel application
 Powered by Meridian's exclusive CLASS-M

• SpeakerLink input and on-board DSP

- DSP engine • Left + Right mode
- Digital Precision
- Q-Sync
- True Link
- True Time
- FFA
- Perfect Balance
- Periect balarice
- Bespoke Signal Mapping
- E3 Bass
- Image Focus
- Pro-Active Bass
- Pro-Active Thermal

Height: 1230mm [48.5in]**
Width: 203mm [8in]

SPECIFICATION/OPTIONS:

- Depth: 102mm [4in]
- Weight: 15kg [33 lbs]

• Height: 800mm [31.5in]**

• Finish: grill can be painted to match decor

• Width: 203mm [8in]

• Depth: 102mm [4in]

• Weight: 10kg [22lbs]

• Finish: grill can be painted to match decor





DSP520.2





DSP320.2 Discover More	 PERFORMANCE: Peak SPL: 106dB at 1m Bass extension: 50Hz 2 x 80W Class-D amplifiers (160w total) 1 x 'Racetrack' oval bass driver and 1 x 85mm wide-range driver Frequency response in room within 3dB: 50Hz to 22kH 	FEATURES & TECHNOLOGIES: • SpeakerLink input and on-board DSP • Left + Right mode • Digital Precision • Q-Sync • True Link • True Time • FFA • Perfect Balance • Bespoke Signal Mapping • E3 Bass • Image Focus • Pro-Active Bass • Pro-Active Thermal	 SPECIFICATION/OPTIONS: Height: 299.5mm [11.8in] Width: 299.5mm [11.8in] Depth: 103mm [4in] Weight: 5kg [11lbs] Finish: grill can be painted to match decor
DSW600	 Frequency response: 24Hz to 120Hz 1 x Class-D amplifier capable of producing over 600w total on music or movie transients 1 x 10in long-throw, low-profile design bass driver 	 SpeakerLink input and on-board DSP Channel selector switch for set-up flexibility Digital Precision Q-Sync True Link True Time FFA Bespoke Signal Mapping E3 Bass Image Focus Pro-Active Bass Pro-Active Thermal 	 Height - with grille fitted: 1452mm [57.2.in] Height - without grille: 1429mm [56.3.in] Width: 343mm [13.4in] Depth: 87mm [3.4in] Weight: 23kg [50.6lbs]

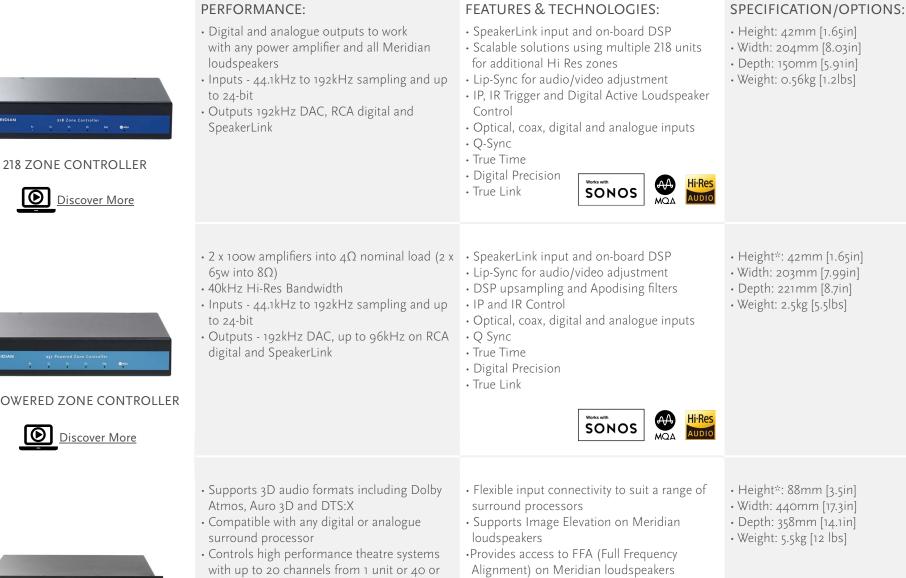




The Meridian 200 Series is a collection of high-performance audio zone controllers, theatre controllers and amplifiers, all designed with the Custom Integrator in mind.

Each product is designed to work in isolation or as part of a larger multi-zone audio-visual installation. Their compact size means they fit perfectly within the rack.

With a wide range of audio inputs and outputs, flexible installation options and many of Meridian's proprietary technologies on board, 200 Series products deliver outstanding performance in many applications.



- IP, IR Trigger and Third Party Control
 - Linear power supply
 - Configuration via in-built webpage
 - True Link

271 DIGITAL THEATRE CONTROLLER

60 from stacked units

Can be used with Meridian DSP

44.1kHz - 192kHz, up to 24-bit

Loudspeakers or passive systems

• Digital inputs can accept sample rates from



251 POWERED ZONE CONTROLLER

258 POWER AMPLIFIER Discover More	 PERFORMANCE: High performance across eight channels 70W into 8Ω per channel at 10% THD 100W into 4Ω per channel at 10% THD Cool-running and stackable solution 	 FEATURES & TECHNOLOGIES: High efficiency (>95%) Class D amplifiers Linear power supply Short signal path construction delivers excellent isolation between the eight channels 	SPECIFICATION/OPTIONS: • Height: 44mm [1.73in] • Width: 480mm [18.9in] • Depth: 360mm [14.17in • Weight: 5.5kg [12.13lbs]
AND STREAMER 210 STREAMER Discover More	 Supports highest quality streaming Allows the secure movement of High-Res digital audio, without degradation or loss in quality Seamless integration with compatible devices including tablets and smartphones Features both wired and Wi-Fi network connections 	 Features aptX HD Bluetooth technology Supports DLNA/UPnP USB input SpeakerLink input Full dynamic range volume control Digital Coax output compatible with existing DACs Digital Precision True Link Image Security (a) Image Security (a) Image Security (a) Image Security (a) Image Security (b) Imag	 Height: 42mm [1.65in] Width: 204mm [8.0in] Depth: 150mm [5.9in] exc' connectors Weight: 0.66kg [1.46lbs]



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Meridian has always challenged convention. For more than forty years, we have pushed boundaries, disrupted norms and delivered products that have shaped our industry and redefined how people experience sound.

BRITISH AUDIO TECHNOLOGY PIONEERS





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