210 STREAMER

OVERVIEW

The Meridian 210 Streamer is a high-performance audio source which allows streaming services used on smartphones, tablets and other devices to be played on your audio system. It enables music accessed from high-quality streaming platforms to be integrated seamlessly with Meridian systems.

The 210 can be attached directly to a pair of DSP loudspeakers or it can be connected to any system with a SpeakerLink input. In all cases, volume and playback controls are synchronised between streaming apps and the Meridian system.

PRODUCT HIGHLIGHTS

The 210 supports **Bluetooth®** wireless technology, Spotify Connect (where available), it is a Roon Ready device and it also supports acts as a DLNA/UPnP renderer.

- Devices can stream to the 210 via Bluetooth wireless technology or dual-band Wi-Fi and, by remembering the last eight Bluetooth devices used, the 210 allows users to enjoy their favourite music easily and without fuss.
- Supporting wired and WiFi network connections, the 210 offers great flexibility in regard to installation and product location.

- A free app supports all aspects of 210 configuration and provides a straightforward method for users to control their Meridian system.
- Featuring a built-in MQA decoder, the 210 fully supports Master Quality Authenticated encoded music playback, guaranteeing a studio master quality experience.

USER FEATURES

- Bidirectional integration between streaming apps and Meridian products, linking volume and playback controls, such as "Play", "Stop/Pause" and "Skip" – making control functionality consistent and predictable whether it is carried out via the streaming app or on the Meridian system.
- Front panel indicators for Standby, Network, Spotify Connect, Bluetooth status, SpeakerLink In and MQA status.
- Pairing push-button on rear-panel for simple Bluetooth pairing of multiple devices..
- Sample rate and bit-depth up to 96kHz at 24bit.
- Audio decoding: AAC, AIFF, MP3, FLAC, WAV, WMA, Apple Lossless, OGG, Monkey's, MQA Decoded and unfolded 24bit/96Khz digital audio output for rendering in loudspeaker.
- Acts as a DLNA/UPnP renderer and, if USB storage is connected to the 210, it can function as a DLNA/UPnP server.

TECHNOLOGIES

MHR

Meridian High Resolution [MHR] allows the secure movement of high resolution digital audio, without degradation or loss in quality.

SPEAKERLINK

Traditional audio systems often require large, expensive cables to maintain their performance. Meridian's SpeakerLink uses an "Ethernet style" cable that delivers pristine digital sound and control down a single cable between Meridian components. The result is simple, unobtrusive, and cost-effective cables that are easy to install.

MQA

Master Quality Authenticated (MQA) is a revolutionary end-to-end technology that delivers master quality audio in a file that's small enough to stream or download.

REAR PANEL LAYOUT

CONSTRUCTION

The 210 is housed in a half-width, 1U tall enclosure. It is comprised of an Aluminium case fitted with non-metallic panels to allow for WiFi functionality using two internal antennae.

The 210 shares its form factor with some other Meridian 200 series products, such as the Meridian 218. An optional rack-shelf is available which can accommodate two of any such units.
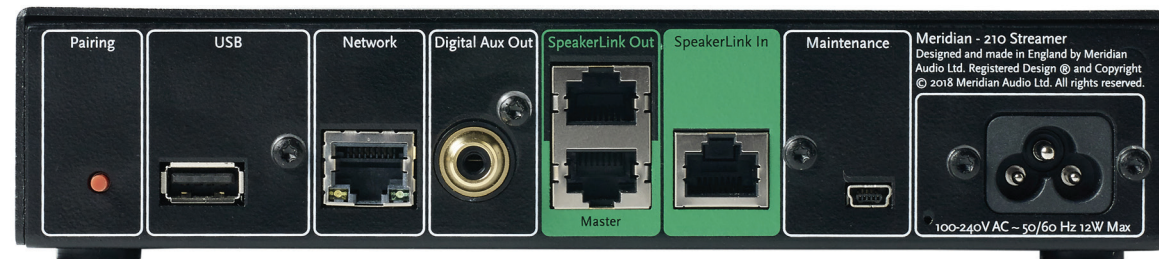
SPECIFICATION

CONNECTIONS		
	• Maintenance socket (mini-USB connector)	
	• Network socket for Ethernet connection (RJ45)	
	• 1 x co-ax digital aux output (RCA phono)	
	• 2 x SpeakerLink output (RJ45)	
	• 1 x SpeakerLink input (RJ45)	
	• USB input (USB-A connector)	
	• Power input (IEC "cloverleaf" connector)	
DISPLAY/CONTROL	• Front-panel indicator LEDs for Standby, Network, Spotify Connect, Bluetooth status, SpeakerLink and MQA	
	• Rear-panel indicator LED for power	
	• Rear-panel Bluetooth pairing button	
DIMENSIONS/WEIGHT	• HEIGHT: 42mm [1.65in]	• WIDTH: 204mm [8.0in]
	• DEPTH: 150mm [5.9In] plus connectors	• WEIGHT: 0.66kg (1.46lb)
POWER	• High performance power supply: 100V ac 50/60 Hz | 110-120V ac 50/60Hz | 220-240V ac 50/60Hz	
	• Maximum power consumption: 12W	

210 STREAMER
VERSATILE LISTENING

The Meridian 210 Streamer is a high performance audio source which allows streaming services used on smartphones, tablets and other devices to be played on your audio system. Featuring both wired and dual-band Wi-Fi network connections, alongside **Bluetooth**® wireless technology, it offers great flexibility for installation and product location.

With the 210 Streamer, music can be accessed through Spotify Connect, Bluetooth® wireless technology and UPnP. It is also a Roon Ready device. The USB input allows it to become a UPnP server.

meridian-audio.com

THE 210 STREAMER AT A GLANCE

With aptX HD Bluetooth support, the Meridian 210 supports highest quality streaming.

Maintains full dynamic range of the Meridian system volume control without digital compression.

Synchronises the volume controls of Bluetooth devices, playback apps, the Meridian system and third-party control across the system.

Fully supports Master Quality Authenticated encoded music playback, guaranteeing a studio master quality experience.

Compact and easy to install - 1U form factor fits within rack tray.

Effortless set up and control with the Meridian Control app for iOS and Android.

Meridian High Resolution allows the secure movement of High-Res digital audio, minimising degradation and loss in quality.

Digital Aux output makes the Meridian 210 compatible with third party DACs.

MADE IN BRITAIN

For full details, contact:
design@meridian.co.uk
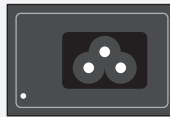+44 (0)1480 445678

MERIDIAN

This guide explains how to install and use the Meridian 210 Streamer. For the comprehensive User Guide, Datasheet, FAQs, and further product support, please visit: meridian-audio.com/210

1. SELF-ADHESIVE FEET

Fix the four self-adhesive feet to the base of the product, which is printed with circles as a guide.

The feet will not be needed if you are mounting the unit on a rack tray; for details see the *210 User Guide*.

2. POWER UP THE 210

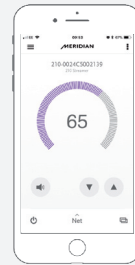Power up the 210 with the supplied power cable.

3. CONFIGURE THE 210

Download the **Meridian Control** app. The app is available for iOS devices from the Apple App Store and for Android devices from the Google Play Store. In either case search for **Meridian** to find the app or scan the QR code shown here.

Ⓐ Get the app

When the app is run for the first time it walks you through the 210 Streamer's simple installation process. This shows you which connections should be made, and explains the options for connecting the product to your network.

In addition, the app can be used to control the product, and provides access to a number of advanced features.

4. CONTROL THE 210

The **Meridian Control** app provides an intuitive way of controlling the 210.

If the 210 is part of a Meridian system, the app allows you to control source selection, on/off, and volume, and displays the status of these settings.

5. PLAY AUDIO VIA SPOTIFY CONNECT OR ROON

210

Once the 210 is connected to your network it will be listed as an available output device in the Spotify Connect or Roon app. Select the 210 to play music to the 210. You can adjust the volume and control music playback from the device running the streaming app.
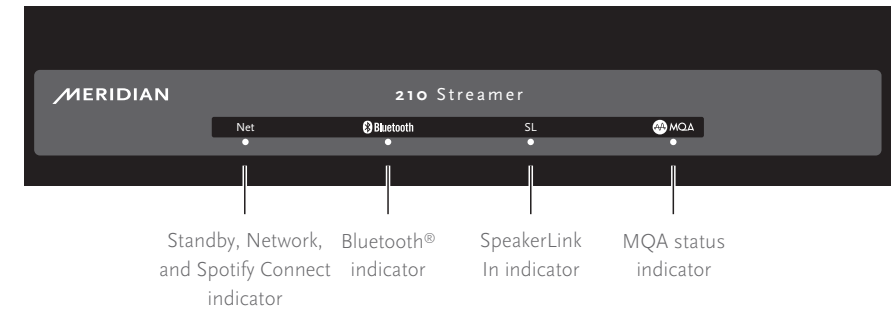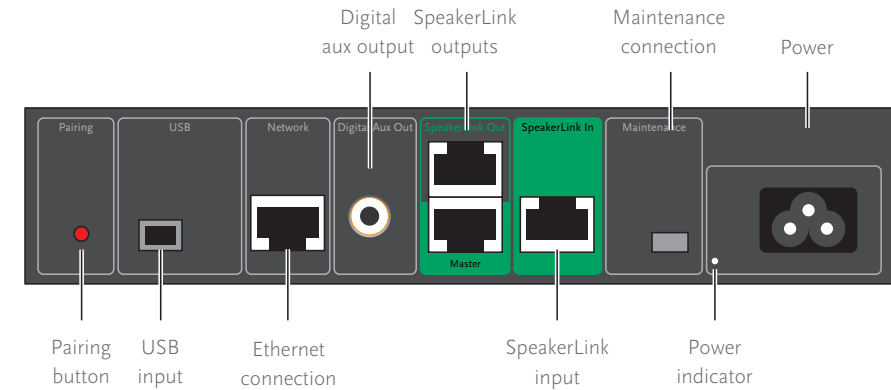
6. PLAY AUDIO VIA BLUETOOTH® WIRELESS

Pairing

Press the **Pairing** button on the back-panel to pair with the 210 from a Bluetooth device such as a phone, tablet, or computer.

The 210 will appear as **210** followed by a 12-character identifier, but you can choose your own name using the **Meridian Control** app; see *Step 3* above.

Note that the Meridian Control app also communicates with the 210 via Bluetooth, so you may see up to two references to the 210 in the list of Bluetooth devices. For more details see the *210 User Guide*.

Digital aux output   SpeakerLink outputs   Maintenance connection   Power

| Pairing | USB | Network | Digital Aux Out | SpeakerLink OUT | SpeakerLink In | Maintenance |

Master

Pairing button   USB input   Ethernet connection   SpeakerLink input   Power indicator

MERIDIAN   **210** Streamer

Net   Bluetooth   SL   MQA

Standby, Network, and Spotify Connect indicator   Bluetooth® indicator   SpeakerLink In indicator   MQA status indicator

SPECIFICATIONS
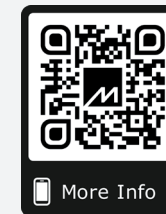
Dimensions: 42mm x 204mm x 150mm (H x W x D)

Weight: 0.66kg

100-240V AC – 50/60 Hz 12W Max

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Part no: P88463

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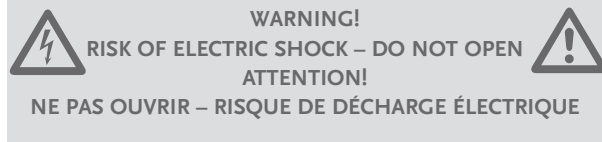www.meridian-audio.com

📱 More Info

IMPORTANT SAFETY INSTRUCTIONS

• Read the instructions.
• Keep these instructions.
• Follow all instructions.
• Do not use this apparatus near water.
• Clean only with a dry cloth.
• Install only in accordance with the manufacturer's instructions.
• Refer all servicing to approved service personnel.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

This apparatus has been designed with Class 1 construction and must be connected to a mains socket outlet with a protective earthing connection (the third grounding pin).

This apparatus does not include a power switch. The apparatus may be isolated from mains power either by unplugging the power connector from the rear of the unit, or by unplugging the connector at the opposing end of the power cord or cable from its supply outlet. As a result, either or both of these connectors should remain accessible.

SAFETY WARNINGS

> **WARNING!**
> **RISK OF ELECTRIC SHOCK – DO NOT OPEN**
> **ATTENTION!**
> **NE PAS OUVRIR – RISQUE DE DÉCHARGE ÉLECTRIQUE**

Caution: to reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IP20 EQUIPMENT

CLIMATE
The equipment has been designed for use in moderate climates and in domestic situations.

Only use at an altitude not exceeding 2000m.

SAFETY WARNINGS

• Do not expose the unit to dripping or splashing.
• Do not place any object filled with liquid, such as a vase, on the unit.
• Do not place naked flame sources, such as lighted candles, on the unit.

TO AVOID OVERHEATING
• Do not position the product in direct sunlight.
• Do not position the product near heat sources, such as a radiator.
• Leave at least 10cm around the product to ensure sufficient ventilation.

TO AVOID INTERFERENCE
• Do not position the unit near strong electrical or magnetic radiation, such as near a power amplifier.

RADIO INTERFERENCE

FCC Warning: This equipment generates and can radiate radio frequency energy and if not installed and used correctly in accordance with our instructions may cause interference to radio communications or radio and television reception. It has been type-tested and complies with the limits set out in Subpart J, Part 15 of FCC rules for a Class B computing device. These limits are intended to provide reasonable protection against such interference in home installations.

EEC: This product has been designed and type-tested to comply with the limits set out in EN55032:2015 and EN55024:2010 + A1:2015.

This product meets or exceeds the Hi-Res audio standards for digital and analogue processes as defined by the Japan Audio Society.

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This product incorporates Spotify® software which is subject to third party licences found here: https://www.spotify.com/connect/third-party-licenses. Use your phone, tablet or computer as a remote control for Spotify®. Go to spotify.com/connect to learn how.

MERIDIAN

QUICK START GUIDE

210 STREAMER