DISTRIBUTOR 1
SOURCE INTEGRATION

DATASHEET

OVERVIEW

The Distributor 1 is perfect for adding Meridian sound throughout your home in a single zone application. The Distributor 1 seamlessly integrates all of your distributed audio sources and control system with any pair of DSP Loudspeakers.

Typically used with a "matrix switch," each room, or "zone", can accommodate analogue, digital, and SpeakerLink sources including such a streaming system. DSP Loudspeakers can be controlled via the home's existing control system or handheld IR remote (on selected models).

PRODUCT HIGHLIGHTS

Distributor 1 allows seamless integration and control of Meridian DSP Loudspeakers with RS232-based distributed audio and home control systems.

- Allows Meridian DSP Loudspeakers to operate seamlessly with systems featuring RS232 and distributed audio systems.
- Distributes central sources across one zone, bit can be racked with other Distributor 1s for two or more zones.
- Discrete control of each zone via RS232.
- Analogue, S/PDIF and SpeakerLink inputs per zone.
- Analogue signals converted to 24-bit/96kHz digital.
- Separate or identical sources for each zone.
- Universal source connectivity: SpeakerLink, analogue and digital.

USER FEATURES

- Twin SpeakerLink outputs “home run” connection to Meridian DSP Loudspeakers (one pair per zone).
- Each pair of DSP Loudspeakers is controlled via an associated RS232 connection.
- Most installations will require no configuration or customisation.
- A USB connector in each section provides access to a command-line interface for assigning Meridian Sources to the individual physical inputs in each section if they need to differ from the defaults (Digital = CD, Analogue = Radio and SpeakerLink = Aux).
- Indicator lights for source and power.
- Additional configuration capability is available via the command-line interface.

TECHNOLOGIES

The Distributor 1 takes a stereo input signal, typically from the whole-house audio matrix switch – either analogue unbalanced, S/PDIF digital coax, or Meridian SpeakerLink – and relays it to a pair of Meridian DSP Loudspeakers. Analogue input signals are converted to digital format at 24-bit, 96 kHz sampling for the highest quality.

MERIDIAN HIGH RESOLUTION (MHR)

MHR was the first approved encryption method for transferring high definition digital audio between components. Previously, it had to be in the analogue domain, reducing quality. MHR allows secure movement of high resolution digital audio within a Meridian system, without compromise, improving quality by reducing cyclic repetition.

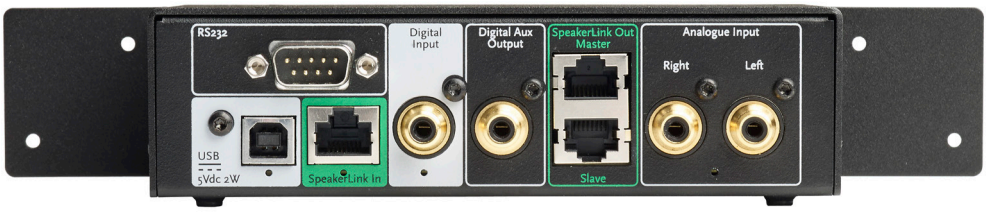
SPEAKERLINK

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.

CONSTRUCTION

Distributor 1 is manufactured to the highest standards in Meridian’s factory near Cambridge, UK, and features a durable rack-mount metal case with top-quality connectors and 6-layer printed circuit board for optimum audio performance. It derives its power through Meridian SpeakerLink and is designed to fit in an equipment rack using the included rack-mount ears..

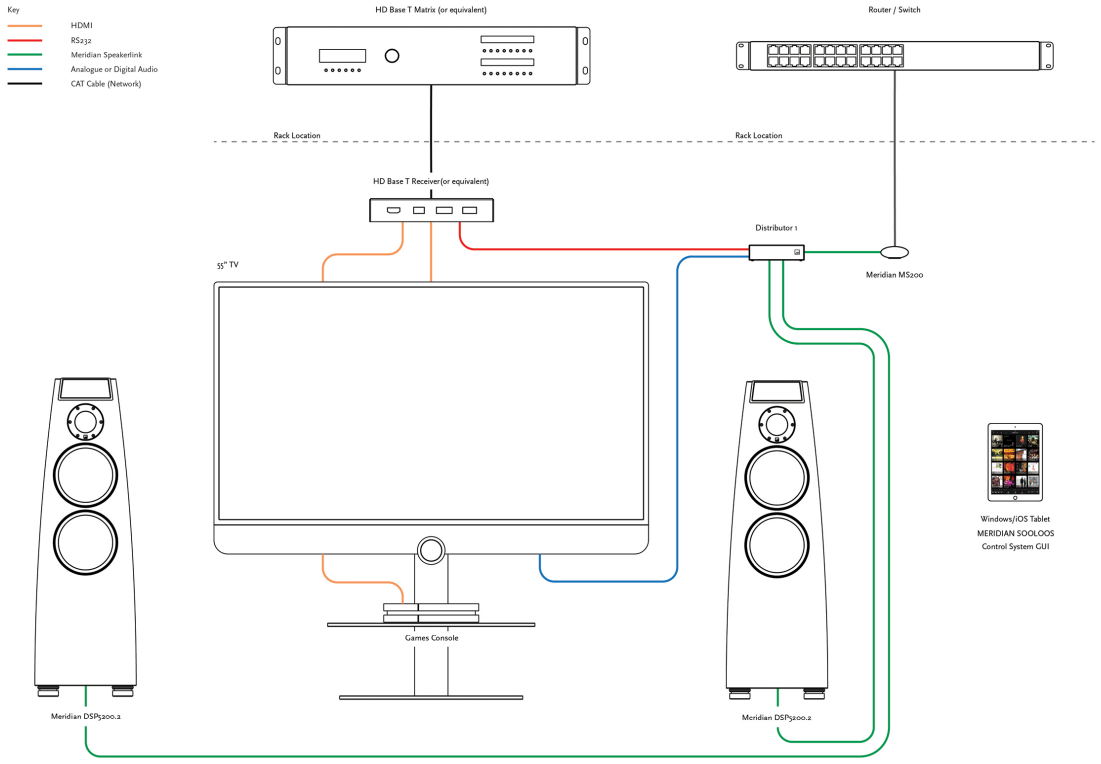
- Easy to install and to integrate seamlessly with a control system and audio sources.
- Sturdy metal enclosure with indicator lights for source and power.
- Suitable for VESA mounting.



REAR PANEL LAYOUT

DATASHEET

TYPICAL APPLICATIONS



SPECIFICATION

AUDIO INPUTS	•	1 x RS232 control signal (DB9)		
	•	1 x SpeakerLink (RJ45)		
	•	1 x Analogue stereo pair (phono) converted internally to 24-bit 96kHz digital		
	•	1 x Digital S/PDIF coax (phono)		
	•	1 x USB B type for configuration if required		
AUDIO OUTPUTS	•	2 x SpeakerLink (RJ45, Master & Slave)		
	•	Digital Aux S/PDIF coax (phono) for linking between zones		
DIMENSIONS/WEIGHT	•	HEIGHT: 42mm [1.65in]	•	WIDTH: 160mm [6.3in]
	•	DEPTH: 80mm [3.15in]	•	WEIGHT: 575kg (1.27lb)
POWER	•	2W via Meridian Speakerlink /USB		

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