



OVERVIEW

The Meridian 271 Digital Theatre Controller effortlessly integrates Meridian DSP loudspeakers into a theatre that would otherwise be unable to access the authentic, natural sound from Meridian.

Designed to work with any processor on the market, the 271 is a High Resolution interface that allows you to design and build high performance theatre systems with 20 or more channels.

The 271 is rack-mountable and can be stacked to give 40 or even 60 audio output channels, all with Meridian's (MHR) High Resolution Audio output and a simple IP control interface.

PRODUCT HIGHLIGHTS

- 16 channels of analogue audio on any combination of single-ended or balanced input connections (RCA or 2 x 8 channel DB25 connectors).
- 16 + 4 digital audio outputs on SpeakerLink connections for use with Meridian DSP loudspeakers using high precision 96kHz / 24-bit analogue to digital conversion.
- 16 + 4 analogue audio outputs on unbalanced RCA connectors to allow the use of passive loudspeakers.
- Optional balanced digital input options available to support 16 channels of digital audio fed from Trinnov, Datasat and Storm Audio processors (2 x RJ45 and 1 x DB25).
- Inputs 1 to 16 are mapped "in parallel" to both sets of 16 outputs; analogue and digital, providing support for mixed systems using combinations of

analogue and Meridian DSP loudspeakers.

- The two sets of four additional outputs (four digital and four analogue) can be independently configured to duplicate any of the 16 input channels to provide feeds for a wide range of combinations of loudspeakers and subwoofers.
- SpeakerLink input for feeding your Meridian source into your main left and right loudspeakers.
- Controllable via Ethernet using the same IP protocol

as used on other Meridian products or via Meridian Comms from other Meridian products. Also trigger input and output connections to allow co-ordinated switching of components within systems using a mix of speaker types.

- Configuration via in-built webpage to select all installation options.
- Made in Britain and backed by our 5 year warranty.

USER FEATURES

- Can easily be controlled via Ethernet using IP Control and third party control drivers.
- Features Meridian Comms connections so it can be controlled from a DSP Loudspeaker using a MSR+ remote or a product connected to the SpeakerLink input of the 271.
- The 271 features 3.5mm trigger connections, allowing it to be installed 'in-line' between a processor and power amplifier in order to co-ordinate power on/off in a mixed speaker system.

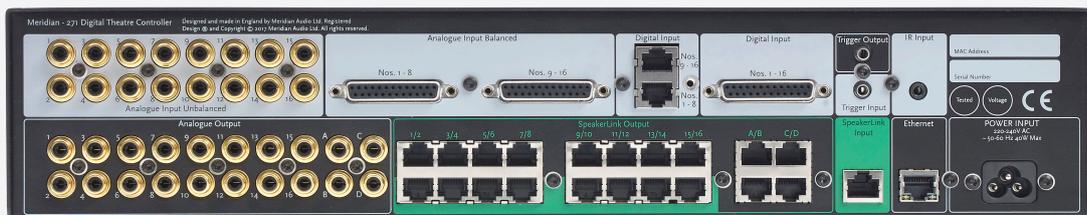
TECHNOLOGIES

HIGH QUALITY LINEAR POWER SUPPLY

For the greatest audio performance and reliability, we use our well-developed experience in power supply design by deploying a toroidal transformer and Linear Power Supply.

MERIDIAN HIGH RESOLUTION (MHR)

MHR was the first approved encryption method for transferring high definition digital audio between components. MHR allows secure movement of high resolution, low jitter digital audio within a Meridian system, without compromise, improving quality by reducing cyclic repetition.



REAR PANEL LAYOUT

SPECIFICATION

| | |
|------------------------------|---|
| CONTROL CONNECTIONS | <ul style="list-style-type: none">• Ethernet connection for IP Control / control driver support for third party control systems• IR on 3,5mm jack• Trigger input on 3,5mm jack to enable remote on/off switching• Trigger output on 3,5mm jack to allow use “in-line” between a processor and power amplification in system featuring passive speakers |
| AUDIO OUTPUTS | <ul style="list-style-type: none">• 20 unbalanced analogue outputs on RCA phono connectors• 20 SpeakerLink digital outputs |
| AUDIO INPUTS | <ul style="list-style-type: none">• 16 unbalanced analogue inputs on RCA phono connectors• 16 balanced analogue inputs on twin DB25 connectors• One SpeakerLink input for pass-through of two-channel digital audio (MQA compatible) |
| OPTIONAL AUDIO INPUTS | <ul style="list-style-type: none">• Digital 16-channel input on DB25 connector (Trinnov pin configuration)• Digital 16-channel AES input on twin RJ45 connector (Datasat and Storm Audio pin configuration) |
| DISPLAY | <ul style="list-style-type: none">• Power LED |
| POWER | <ul style="list-style-type: none">• Advanced linear power supply: 110–120V ac 50–60Hz 220-240V ac 50-60Hz |
| DIMENSIONS | <ul style="list-style-type: none">• HEIGHT: 88mm (without feet)• WIDTH: 440mm• DEPTH: 358mm• WEIGHT: 5kg |
| RACK-MOUNTING | <ul style="list-style-type: none">• Housed in a rack-mountable 2U case |