



## G68 Surround Controller



G68 is a highly specified and flexible Surround Controller featuring many of Meridian's key technologies plus a comprehensive host of input/output switching and connectivity.

Central to the G68 is a powerful DSP engine made up of five Motorola 56367 devices and one 53671, running at 150MHz and delivering 900 MIPS (million instructions per second). All processing is carried out with 48-bit precision, ensuring all filtering is carried out far beyond the range of human hearing. This DSP engine is also responsible for G68's comprehensive bass management system which can support up to three separate subwoofers, and for managing up to 60 filters created by Meridian's Room Correction software.

G68 includes multiple analog and digital audio input types including; Meridian SmartLink for multi-channel connection to one of Meridian's advanced DVD Players such as G96, or for connection to a Meridian HD621; USB audio input for direct connection to personal computers or computer based media servers; Toslink optical digital inputs for connection to set-top boxes, etc; configurable multi-channel analog inputs for connection to multi-channel music sources. All analog inputs are processed at 24-bit, 96kHz resolution. G68 also provides video inputs and switching for up to three component video sources.

HDMI audio sources can be connected to G68 via Meridian's HD621 HDMI Audio Processor and Meridian's digital multi-channel SmartLink.

Providing up to eight-channels of output for Meridian's DSP Loudspeakers via SpeakerLink, G68 can control any of Meridian's most sophisticated multi-channel systems. For customers with traditional power-amplifiers and passive loudspeakers, G68 offers balanced analog output for up to eight-channels on XLR connectors.

The AM/FM RDS radio tuner features 24-bit, 96kHz analog to digital conversion, and digital signal processing provides an elegant FM stereo blend/width control which allows for unwanted noise to be filtered out from radio reception. The tuner also features DSP based low pass filters for improved AM reception.

Meridian G68 is offered in G Series anodised Silver or Black finishes.

### PRODUCT HIGHLIGHTS:

The most comprehensive Surround Controller in the Meridian G Series.

The inclusion of eight-channel SpeakerLink output lifts performance to an even higher level, while at the same time making installation quicker and easier than ever before.

Use with Meridian's HD621 HDMI Audio Processor to enjoy the highest quality soundtracks from BluRay Discs and from other HDMI connecting audio sources.

Advanced Digital Signal Processing (DSP) processes all sources to the same high-resolution for exceptional sound quality regardless of source format.

Meridian Room Correction technology measures room acoustics and creates filters to control room resonance. This powerful feature improves the relationship between loudspeakers and the listening environment, increasing clarity and improving definition, which in turn makes the listening experience more natural and convincing.

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