

PRELIMINARY

G01 Stereo Control Unit with Tuner



Built-in AM/FM tuner with RDS

Seven stereo analogue inputs

Unique dual-differential volume control

Input level trim to match different sources

Dual preamp outputs for bi-amping

Trigger output for external device control

Optional factory-fitted MC or MM phono modules

The result of over 25 years of analogue system design experience

Meridian's G Series line of high performance digital and analogue consumer audio components feature a stylish cabinet design in traditional black or a sleek silver finish.

Designed to be either free-standing or rack-mounted, G Series components build on their predecessors, the multi-award-winning 500 and our flagship 800 Series, and include entirely new circuitry developed specifically for the G Series.

Multi-layer boards reduce system noise and improve performance. In products which include video capabilities, broadcast-quality, wide-bandwidth video components are employed for maximum image integrity.

G Series units are easy to use. Where appropriate, a knob is included to control volume. The positive-action front-panel keys are software-defined: their legends are presented in the vacuum fluorescent display and change intelligently according to context.

Full installation configuration of many G Series components is achieved by running a special setup program on a Windows computer, connected to the G Series unit via a serial link.

G Series products also include serial ports for remote operation and configuration, along with infra-red sensor input and trigger capabilities, plus Meridian communications ports. A comprehensive back-lit learning/programmable remote is included.

The Meridian G01 is a fully-integrated analogue control unit which includes a sensitive AM/FM RDS tuner. It is an ideal complement for the G Series power amplifiers and is particularly suited to those who wish to maintain an analogue signal path at the very highest quality of reproduction.

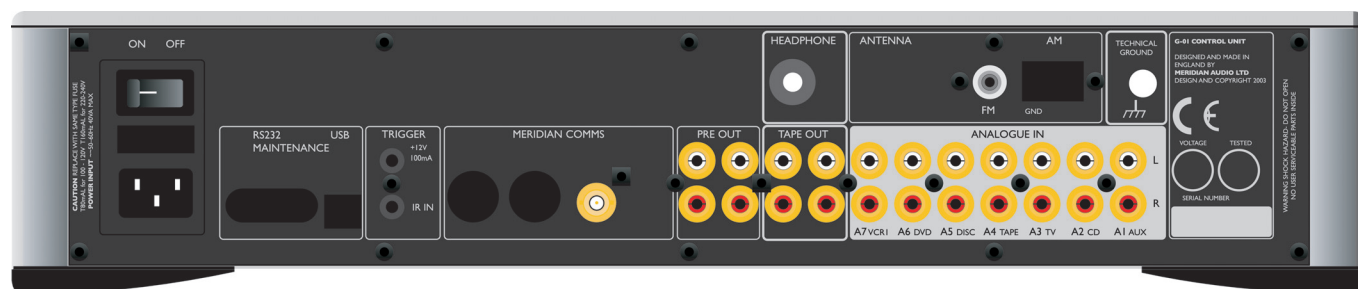
Although Meridian is today best-known for its digital circuitry, it is a company built on analogue roots, and indeed, superb analogue circuit design and implementation are important parts of all Meridian products, whether their inputs and outputs are analogue or digital. The G01 rests, therefore, on over a quarter of a century of Meridian's experience in the design and manufacture of exquisite-sounding analogue hi-fi components and systems.

Including both a preamplifier and controller, the G01 stereo control unit provides no less than seven stereo analogue inputs plus an AM/FM tuner. The inputs are nominally designated Aux, CD, TV, Tape, Disc (phono), DVD and VCR (though these designations can be changed). The disc input can be factory-configured for either moving coil or moving magnet cartridge operation: order the unit with the appropriate stereo input module.

A front-panel volume knob (press to mute) activates a specially-designed dual differentially-balanced volume control circuit. This ensures perfect stereo tracking and full frequency range performance at all volume levels.

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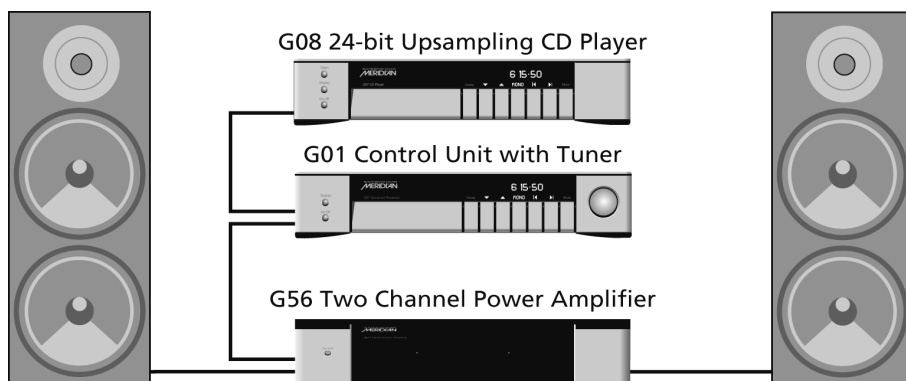
G01 Stereo Control Unit with Tuner



Outline Specifications

Distortion:	Less than 0.01% input to output.
Signal/Noise:	Better than -90dB for high-level analogue inputs. Better than -70dB for MM input. Better than -60dB for MC input.
MM option:	Sensitivity adjustable 0.5-3mV for 5cm/s @ 1kHz. Overload point 47mV @ 1kHz. Cartridge load 47kΩ + 100 pF.
MC option:	Sensitivity adjustable 38-210μV for 5cm/s @ 1kHz. Cartridge load 220 ohms + 10nF.
Inputs:	6 unbalanced on phono, 0.5-2.5V rms (impedance 20kΩ) in four steps.
Main Outputs:	2 unbalanced on phono, 0-3V rms maximum.
Tape output:	Unbalanced, 1.5V
Headphone:	2V maximum output

Comms:	Two 5-pin 240° DIN sockets, BNC socket, RS232 interface.
Construction:	Meridian black or silver finish in metal & glass.
Dimensions:	Width - 440mm (17.32in); Depth - 350mm (13.78in) plus connectors; Height - 90mm (3.54in)
Rack Mounting:	Kit available from Meridian authorized dealers
Weight:	TBD
Controls:	Front-panel soft keys include control of Source, Copy, Mute, Display, etc. Power button, volume control. Full remote control of all features via MSR+. Meridian Comms, IR in, RS232
Trigger:	12v trigger output allows control of power amps, etc
Front Display:	Multi-character dot-matrix Vacuum Fluorescent Display



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The G01 control unit is the perfect heart of a high-quality analogue stereo system. It is ideally paired with a source such as the G08 24-bit upsampling CD player. Amplification can be provided by the 2 x 100W G56 or the 2 x 200W G57, which can drive suitable third-party analogue loudspeakers.

Two sets of stereo tape outputs are provided, along with two preamp output pairs, allowing maximum flexibility in the configuration of tape/analogue decoder loops, multi-room and amplification/bi-amplification options.

In addition to the main outputs, a stereo headphone socket is provided on the rear panel for personal listening.

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