

# G57

## TWO CHANNEL POWER AMPLIFIER

DATASHEET



### OVERVIEW

The Meridian G57 is our powerful Two Channel Power Amplifier. Suitable for a variety of applications the G57 delivers 2 channels at 200W into 8Ω, or when in bridge mode 1 channel at >650W into 8Ω or 1000W into 4Ω.

The G57 includes both balanced XLR-3F analogue inputs and unbalanced phono inputs, but in fact the unbalanced inputs are converted to balanced before they enter the amplifier itself, using Meridian's proprietary 'Super Balanced' technology. The G57 combines power, clarity and flexibility for the ultimate in 2-channel amplifier performance at any volume level.

### PRODUCT HIGHLIGHTS

Like the G55 multi-channel amplifier, G57 is equally at home partnering with 800 or G Series.

- Unique ultra-low-feedback design for superb overall sound.
- Remote trigger/standby operation.
- Balanced/unbalanced inputs.
- Capacitor-free signal path for fast, accurate bass.
- While providing 200 watts per channel, the G57 can be bridged to provide a staggering 1,000 watts of mono power.
- Full DC/thermal protection.
- Rack mounting kit available.

# USER FEATURES

- Meridian innovations include soft start circuitry that eliminates any turn on and off “thumps”.
- Remote 12-volt on/off triggers make for simple and care free operation.
- Standby mode maintains voltage rails eliminating “warm up” time for instant optimum sound quality.
- Full DC/thermal protection for carefree operation at any volume level.
- Large diameter dual binding posts for each channel allow for bi-wiring of passive loudspeakers for clearer sound and better bass.

# TECHNOLOGIES

## SUPER BALANCED TECHNOLOGY

Two discrete 200-watt mono amplifiers ensure maximum channel separation, perfect for analogue theatre systems, and feature a symmetrical design with full electronically balanced inputs. Meridian “Super Balanced” technology also provides balanced operation from single-ended connections, providing more music with less noise.

## MATCHED COMPONENTS

The discrete active input components are thermally and electrically matched in pairs, and the amplifiers feature active bias control throughout, with thermal sensing that carefully manages the temperature and current flow at different volume levels. G Series components feature multi-layer circuit boards to reduce system noise and improve performance.

## AMPLIFIER PUNCH

Massive twin low-noise toroidal power transformers provide power to no less than four selected pairs of output devices, carefully temperature-controlled for optimum operating characteristics and efficiency. The result is a clear, open sound with deep controlled bass.

## POWER AMP INNOVATIONS

Innovations include a unique, ultra-low feedback design, and capacitor-free signal path. These combine to provide incredible control and speed for fast, tight bass and outstanding sound quality from a passive loudspeaker.



REAR PANEL LAYOUT

# CONSTRUCTION

The G57's robust chassis features a dual-mono construction with four pairs of output devices and four audiophile-grade PSU smoothing capacitors per channel. When combined with a Meridian Surround controller, such as the G65 and G55, this power amplifier will form the core of a 7.1 high performance analogue theatre system.

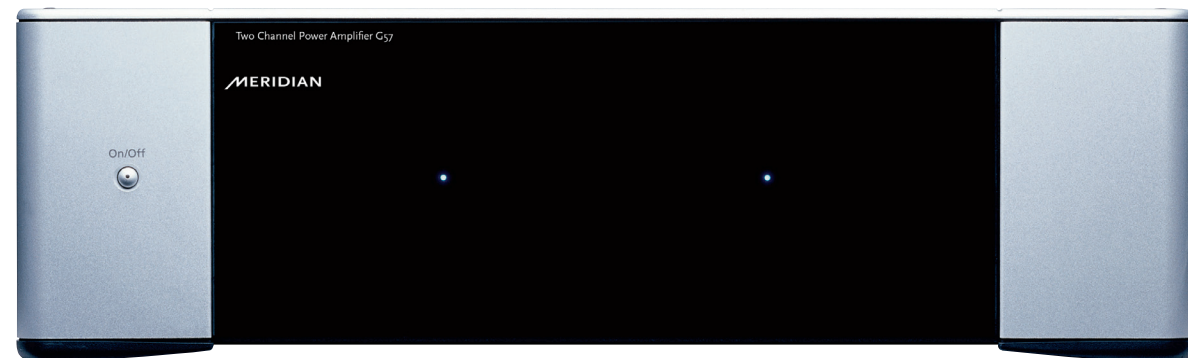
- Optimised magnetic design available in black or silver finish with glass front panel.
- Can be freestanding or rack mounted with control for fan G Series rack kit
- Two sets of outputs are provided per channel for bi-wiring, etc, on sturdy binding posts colour-coded for easy reference and capable of handling large-diameter high-quality loudspeaker cables.

# SPECIFICATION

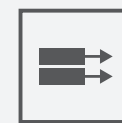
OUTPUTS	<ul style="list-style-type: none"><li>• 2 output sets per channel, terminal posts</li></ul>
INPUTS	<ul style="list-style-type: none"><li>• Balanced on XLR-3F connectors</li><li>• Unbalanced phono</li></ul>
POWER OUTPUT	<ul style="list-style-type: none"><li>• 2 channels at 200W into 8Ω, or 1 channel at &gt;650W into 8Ω (bridge mode), ~1000W into 4Ω</li></ul>
PERFORMANCE	<ul style="list-style-type: none"><li>• Distortion - less than 0.01% input to output</li><li>• Signal/Noise -better than -100dB</li></ul>
TRIGGER	<ul style="list-style-type: none"><li>• Wide voltage-range (5-30V, AC/DC) trigger input for remote standby/on switching</li></ul>
DISPLAY	<ul style="list-style-type: none"><li>• Power/Fault indicator and per-channel operation LEDs</li></ul>
CONTROLS	<ul style="list-style-type: none"><li>• Rear-panel power switch; per-channel switches for balanced or single-ended input; Bridge/Stereo mode switch</li></ul>
DIMENSIONS/WEIGHT	<ul style="list-style-type: none"><li>• HEIGHT: 132mm [5.2in]</li><li>• WIDTH: 440mm [17.32in]</li><li>• DEPTH: 350mm [13.78in] plus connectors</li><li>• WEIGHT: 24kg [53lbs]</li></ul>
RACK MOUNTING	<ul style="list-style-type: none"><li>• Kit available from Meridian authorised dealers</li></ul>
POWER	<ul style="list-style-type: none"><li>• Versions: 100, 110, 115, 220, 230, 240 Vac, 50/60Hz.</li><li>• Standby 17VA, Idle 48VA, Both channels driven 600VA</li></ul>

# G57 HIGH PERFORMANCE 2 CHANNEL AMPLIFIER UNLEASH YOUR PASSIVE SPEAKER SYSTEM

The G57 is an award winning high resolution power amplifier. Derived from the same technology we use in our flagship DSP8000 this high power, ultra-low distortion, wide bandwidth power amplifier can comfortably drive any passive loudspeaker with control, fidelity and authority.



## THE G57 AT A GLANCE



2 x 200W continuous amplification driving both channels.



Double skinned metal and glass construction.



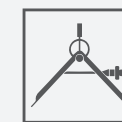
1-100kHz frequency response  $\pm 2$ dB – Perfect for high resolution audio.



Compact and easy to install with optional rack mount kit available.



RCA and XLR analogue inputs.



Multiple installation applications using Meridian's unique Design and Specification Service and a perfect complement to any passive loudspeakers.