

G55

FIVE CHANNEL POWER AMPLIFIER



OVERVIEW

The Meridian G55 is our powerful Five Channel Power Amplifier. Suitable for a variety of applications the G55 also incorporates a unique bridging system for higher power and flexibility, providing optimum performance with any loudspeaker.

PRODUCT HIGHLIGHTS

- Ideal for theatre and multichannel applications.
- 5 channels at 100W or 2 channels at >300W.
- Unique ultra-low-feedback design for superb overall sound.
- Capacitor-free signal path for fast, accurate bass.
- Remote trigger/standby operation.
- Standby mode maintains voltage rails for instant warm-up.
- Balanced/unbalanced inputs.
- Full DC/thermal protection.
- Bridge Mode.
- Rack mount kit available.

USER FEATURES

- Meridian innovations include soft start circuitry that eliminates any turn on and off “thumps.” 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.
- With balanced analogue inputs and 12-volt trigger.

TECHNOLOGIES

SUPER BALANCED TECHNOLOGY

Five discrete 100-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.

AMPLIFIER PUNCH

Massive twin low-noise toroidal power transformers provide power to no less than 25 selected pairs of output devices, carefully temperature-controlled for optimum operating characteristics and efficiency. The result is a clear, open sound with detail as well as punch where it is required – at any volume level.

POWER AMP INNOVATIONS

Innovations with the G55 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

Presented with its beautifully engineered exterior of metal and glass, this five channel amplifier provides the muscle and finesse to your passive loudspeaker system. The G55's robust chassis contains five identical 100 watt amplifiers based on Meridian's award-winning DSP8000 amplifier technology.

- Optimised magnetic design.
- Available in black or silver finish with glass front panel.
- 25 pairs of 15amp output devices and 68,000µF of audiophile-grade PSU smoothing capacitors.
- Ultra low impedance error-corrected output stage. DC coupled, with no capacitors in the signal path.
- Soft start and thermal management in main assembly.

SPECIFICATION

OUTPUTS	<ul style="list-style-type: none">• 2 output sets per channel, terminal posts
INPUTS	<ul style="list-style-type: none">• Balanced on XLR-3F connectors• Unbalanced phono
POWER OUTPUT	<ul style="list-style-type: none">• 5 channels at 100W into 8Ω, or 2 channels at >300W into 8Ω (bridge mode)
PERFORMANCE	<ul style="list-style-type: none">• Distortion - less than 0.01% input to output• Signal/Noise -better than -100dB
TRIGGER	<ul style="list-style-type: none">• Wide voltage-range (5-30V, AC/DC) trigger input for remote standby/on switching
DISPLAY	<ul style="list-style-type: none">• Power/Fault indicator and per-channel operation LEDs
CONTROLS	<ul style="list-style-type: none">• Rear-panel power switch; per-channel switches for balanced or single-ended input; Bridge/Stereo mode switches on channels 1 and 5
DISPLAY	<ul style="list-style-type: none">• 20-character LCD with adjustable brightness and contrast
DIMENSIONS/WEIGHT	<ul style="list-style-type: none">• HEIGHT: 132mm [5.2in]• WIDTH: 440mm [17.32in]• DEPTH: 350mm [13.78in] plus connectors• WEIGHT: 23kg [51lbs]
RACK MOUNTING	<ul style="list-style-type: none">• Kit available from Meridian authorised dealers
POWER	<ul style="list-style-type: none">• Versions: 100, 110, 115, 220, 230, 240 Vac, 50/60Hz.• Standby 31VA, Idle 58VA, 5 channels driven 748VA