

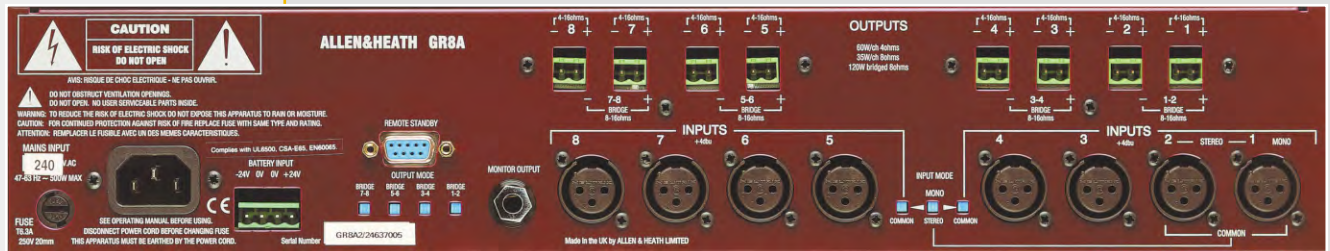
8 output amplifier



The **GR8A** was born out of the many requests we received for an amplifier to complement our **GR** and **DR** installation mixers. Not only is it the perfect companion to the rest of the range, it can also be used as a simple, compact multi-speaker distribution system in its own right. We've installed a **GR8A** with a **GRO5** for music distribution in the **ALLEN & HEATH** factory.

FEATURES:

- Inputs** → 8 balanced **XLR** @ +4dBu for rated power output. Tamperproof **mode switches** allow **five** configurations of common input sourcing. Level control on knob or preset with blanking plug
- Outputs** → **8 x 60W** into 4 ohms on 2-way phoenix type pluggable screw terminal. **3 colour led** output indicator on each channel. Tamperproof mode switches allow **bridged** pairs of outputs (up to four). Bridged operation indicators on front panel
- Monitor** → 8 position switch to select one of the amplifier outputs as the **monitor source** in headphones or monitor line out (TRS). **Stereo** phones socket wired for mono with **sensitivity switch** for headphones matching
- Remote Standby** → 9-pin D-type female connector provides individual channel **mute** remote circuit. Uses simple external switches
- Cooling** → Temperature - controlled cooling system uses **3-speed fan**. **3 colour** status indicator on front panel
- Transformer Option** → **GR8X**. Provides up to 8 high quality **70V** or **100V** line transformers mounted in 2U chassis
- PSU** → Internal mains voltage PSU. +/- 24V DC **backup** input is provided



Technical Specifications

OdBu = 0.775 Volts rms, +4dBu = 1.23V rms, OdBV = 1 Volt rms, -10dBV = 316mV rms

Total harmonic distortion

50W, 1kHz, 4 ohms 0.006%

Frequency response

20-20kHz 0/-0.5dB

Input sensitivity

For max power +4dBu

Input impedance

>20k ohms

Output power per channel

Unbridged	4 ohms	60W rms
	8 ohms	40W rms
Bridged	8 ohms	120W rms

Peak Transient power

4ohms unbridged	130W
8ohms bridged	250W

Slew rate

10V/μs

Protection

Dynamic over temp protection on each channel
Dual temp sensor with 2 speed fan (fan turns off when cool)

Stand-by attenuation

Stand-by on 80dB

Power Supply

Standby	9 way D.Skt.
Power consumption	Min (no signal) 50W
	Maximum 500W
Fuse rating	6.3A
Battery backup	Two x 24v batteries 10A max

Mechanical specifications

	Width (mm)	Height (mm)	Depth (mm)
Desktop	486 (19")	89 (3.5")	380 (15")
Weight	9.5kg (21lb)		

Connectors

Input	Balanced XLR pin 2 hot
Output	2 pin Phoenix type pluggable screw terminals
	Standard IEC 3 pin LNE, IEC to moulded plug (country dependent)
AC Power connector	Voltage selection internally wired