



The GL Series of professional Power amplifiers from VAL Audio represents a new dimension in high quality amplification with unmatched reliability, performance and affordability.

This conventionally designed series of professional power amplifiers features 3 models – GL 1500, GL2000 and GL2800, offering unmatched quality at a very affordable price. Designed ground up for Live as well as install segments these power packed amplifiers feature robust toroidal power supplies and deliver pure clean sound across the frequency band. The GL series is an installers delight as it features an inbuilt Xover, thus adding the flexibility of running smaller systems without the need for outboard processing and DSP. The inbuilt Xover can be used in bypass, High pass or low pass modes. It features a variable frequency range from 30Hz to 180Hz. The GL 1500 is a traditional class AB design and GL2000 & GL2800 feature efficient class H design. Each of the amplifiers have a user selectable input sensitivity of 0.77V / 1.0V / 1.4V. Affordability is a key concern but not at the cost of our high quality standards and most importantly our signature HIFI sound quality. Even the entry level GL 1500 is capable of driving a fullrange speaker without running out of breath. Welcome to the world of maximum performance, reliability & portability at a limited budget.

### KEY FEATURES

- Stereo/parallel/bridge-mono mode
- User selectable Xover with 3 modes of operation – Bypass / High pass / Low pass. Variable Xover frequency from 30Hz – 180Hz
- User selectable input sensitivity - 0.77V / 1.0V / 1.4V
- High damping factor GL 1500 >350 and GL2000/GL2800 > 450
- Electronically balanced XLR inputs (with Link facility); binding post and Speakon ® outputs
- Two step fan – half speed before 50 degrees and full speed after 50 degrees. Efficient forced-air cooling prevents excessive thermal buildup
- Front panel LED indication for - Bridge / parallel operation signal presence, clip and fault for each channel
- Comprehensive Protection circuitry – DC protect, short circuit, open circuit protect, high temperature protect, Input and overload limiter, Output overload protect, soft startup protect, ultrasonic and RF protect

## SPECIFICATIONS

Average Rated Power (1kHz)	GL1500	GL2000	GL2800
8 ohms stereo	2x350W	2x600W	2x900W
4 ohms stereo	2x575W	2x850W	2x1300W
2 ohms stereo	2x750W	2x1050W	2x1400W
8 ohms bridge	1150W	1700W	2600W
4 ohms bridge	1500W	2100W	2800W
Crossover	30Hz~180Hz(-3dB) Butterworth		
Protection	DC protect		
	Short circuit protect		
	High temperature protect		
	Input over load protect (Limiter)		
	Output over load protect		
	Soft startup protect		
Frequency response(1W 8ohm stereo)	20Hz-20KHz ( ±1dB)		
Sensitivity(8ohm stereo &1KHz)	0.775V/1.0V/1.44V		
Fan speed regulation	Two step, half speed before 50 degree, full speed after 50 degree		
Cooling system	hot air outlet from back panel		
LED indicators	Pro-Red, Clip-Yellow, Signal-Green, Active-Blue, Bidge/Parallel-Yellow		
Connectors (Each channel) Input connectors Output connectors	female XLR Binding Post+Speakon		
Filter capability	50V/10000uf×8	63V/10000uf×8	50V/10000uf×8
Input impedance Balanced Unbalanced	20K 10K		
Crosstalk (0Hz~20KHz Rated Power 8ohm)	> 60dB		
S/N ratio(Rated Power 8ohm)	≥95dB		
Damping factor(1KHz&8ohm)	350	450	450
Intermodulation distortion	< 0.03%		
Total harmonic distortion(20Hz~20KHz Rated Power)	< 0.1%		
Phase response(1W & 8ohm 20Hz~20KHz)	±10°		
Slew rate	30V/us		
Output Circuitry	Class AB	Class H	Class H
Consumption Without load power Rated consumption	20W 770W	20W 1492W	20W 770W
Height	2U		
Dimension (W×H×D)	482x88x430mm 19.0"x3.5"x16.9"		
Weight	16.0Kg	18.5Kg	21.0Kg

