

PHONE AMP G111 Mk II

is the successor of famous Lake People PHONE-AMP G100 which can be regarded as the ancestor of the HiFi / HiEnd units from Lake People and Violectric. The unique amplifier design with its 4 transistors per channel offers a neutral sound with a touch of warmth. This was the reason, why the G100 as well as the G111 had been the first item from Lake People which were widely used by professional AND private customers.

Professionals praised the indestructible construction while private users loved the exceptional sound quality.

We have revised again this item now calling **G111 MK II** and can say with pride:

This is the best G111 (Mk II) we have ever made !



PHONE-AMP G111 MK II includes all major construction details which are still important for us:

- transistorized amplifiers for unmatched transmission quality
- smooth performing RK 27 Potentiometer for volume control
- oversized power supply with toroidal transformer

Also, PHONE-AMP G100 and now **G111 Mk II** defined for the first time our technical guidelines which are still unique in their combination:

LOWEST NOISE

because of low internal gain. Therefore the self-generated noise from the amplifier is inaudible.

HIGHEST OUTPUT VOLTAGE

through 60 Volt internal operating voltage. Over 90 % of all headphone amplifiers in the market offer not half that voltage !! Therefore best suited for high impedance headphones.

HIGHEST OUTPUT POWER

because of powerful amplifiers able to deliver much more current a headphone needs. Therefore best suited for low impedance headphones and even magnetostatic cans !!

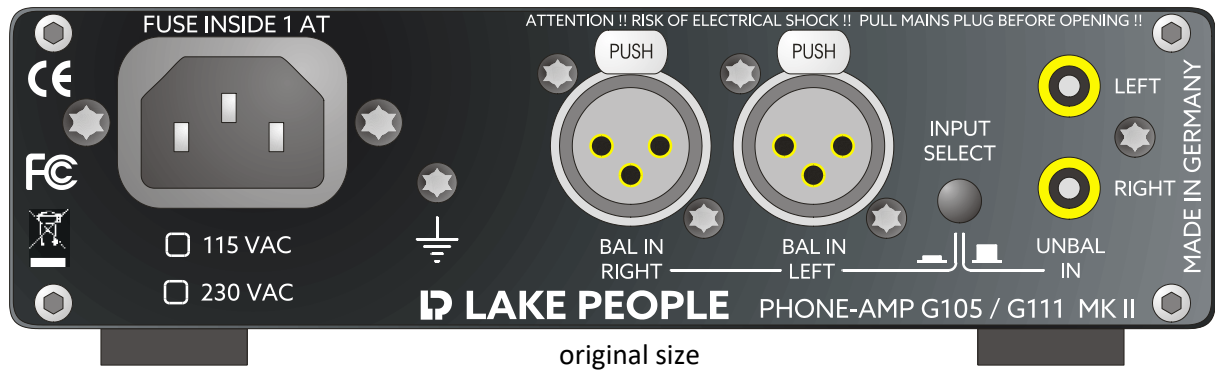
HIGH DAMPING FACTOR

through lowest output impedance. Therefore best suited for full control even over critical headphones with the guarantee to have flatest possible response.

PRE-GAIN

5-fold adjustable gain for optimal matching to all sources and all headphones.

By the way: the launching of **VIOLECTRIC** was due to the marketing success of PHONE-AMP G100 !



The Features:

- balanced inputs via gold plated XLR connectors
- unbalanced inputs via gold plated RCA connectors
- PRE-GAIN: internal gain adaption in seven steps
- High-Grade Potentiometer Alps RK 27 with optimized channel balance and lowest cross talk
- Big 25 mm solid aluminium knob for a smooth feeling
- channel separated circuitry for minimized crosstalk
- discrete amplifier design with 4 transistors per channel (V100 Technology !)
- NF transmission band exceeds 150 kHz (-3 dB)
- Output voltage > 18 V into loads > 600 Ohm
- Output power > 2000 mW into a load of 50 Ohm
- toroidal transformer, large smoothing capacitors
- outputs with relay controlled switch-on delay
- compact and extremely rugged aluminum case

Technical Data PHONE-AMP G111 Mk II						
Line inputs balanced	2 x XLR, gold plated	crosstalk	-110 / -95 dB (1 kHz / 15 kHz)			
Line inputs unbalanced	2 x Cinch, gold plated	Headphone outputs	2 x 6,3 mm (1/4") phone jacks			
max. input voltage	+21 dBu	Max output level both channels driven	R _L (x2)	U _a (dBu)	U _a (V)	P _a (mW)
Frequeny range	5 Hz – 50 kHz (-0,5 dB)		600	27,7	18,9	600
Input impedance	10 kOhm		300	26,5	16,5	1050
Pre-Gain absolute (dB)	-18/-12/-6/0/+6/+12/+18		100	24,6	13,2	1750
Overall gain	+6 dB		50	21,5	9,2	2050
Output impedance	< 0,125 Ohm		32	18,0	6,2	1400
Damping factor	400		16	13,1	3,5	770
THD+N (1 kHz/2x10 V/100 Ohm = 1W)	-100 dB (A-wtd.)	Power supply	230 / 115 V AC / max. 10 W			
THD+N (1 kHz/2x4 V/32 Ohm = 0,5W)	-102 dB (A-wtd.)	Case	4 mm aluminium, black anodized			
Noise	-101 dBu (A-wtd.)	Front / Back	3 mm aluminium, black anodized			
Dynamic range	> 129 dB (A-wtd.)	Dimensions	168 x 47 x 165 mm (WxHxD)			



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