

PHONE AMP G111

is the successor of famous Lake People G100 which can be regarded as the ancestor of the HiFi / HiEnd units from Lake People and Vioelectric. Phone-Amp G100 was the first item from Lake People which was widely used by professional and private customers. Professionals praised the indestructible construction while private users loved the exceptional sound quality.



PHONE-AMP GG100 / G111 includes all major construction details which are still important:

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

Also, PHONE-AMP G100 / G111 defined for the first time or 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 not audible.

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

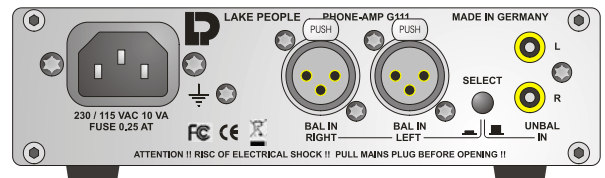
because of powerful amplifiers able to deliver much more current a headphone needs. Therefore best suited for low impedance headphones and even magnetostatic cans !!

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.

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

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PHONE-AMP G111 È BLACK or

The Features:

- balanced inputs via gold plated XLR connectors
- unbalanced inputs via gold plated RCA connectors
- PRE-GAIN: gain adaption in five steps
- channel separated circuitry for minimized crosstalk
- discrete amplifier design with 4 transistors per channel (V100 Technology !)
- NF transmission band exceeds 150 kHz (-3 dB)
- High-Grade Potentiometer Alps RK 27 with optimized channel balance and lowest cross talk
- toroidal transformer, large smoothing capacitors
- outputs with relay controlled switch-on delay
- ultra compact rugged aluminum case

Technical Data PHONE-AMP G111			
Line inputs balanced	2 x XLR, gold plated	Dynamic range	> 129 dB (A-wtd.)
Line inputs unbalanced	2 x Cinch, gold plated	crosstalk (1 kHz / 15 kHz)	-110 / -95 dB
max. input voltage	+21 dBu	Headphone outputs	2 x 6,3 mm (1/4") phone jacks
Frequency range	5 Hz – 60 kHz (-0,5 dB) 3 Hz – 150 kHz (-3 dB)	Max output level both channels driven	R_L (x2)
Input impedance	10 kOhm		U_a (dBu)
Pre-Gain relative (dB)	-12 / -6 / 0 / +6 / +12		U_a (V)
Pre-Gain absolute (dB)	-4 / +2 / +8 / +14 / +20		P_a (mW)
Overall gain	+8 dB		600
Output impedance	< 0,15 Ohm		300
Damping factor	360		100
			50
THD+N (1 kHz/2x10 V/100 Ohm = 1W)	-100 dB (A-wtd.)	32	
THD+N (1 kHz/2x4 V/32 Ohm = 0,5W)	-102 dB (A-wtd.)	16	
Noise	-101 dBu (A-wtd.)		
		Power supply	230 / 115 V AC / max. 10 W
		Case	4 mm aluminium, black or silver
		Front / Back	3 mm aluminium, black or silver
		Dimensions	168 x 47 x 125 mm (WxHxD)



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