



PrimaLuna®



# EVO 100

TUBE PHONO PREAMPLIFIER

[www.primaluna.nl](http://www.primaluna.nl)

We thank you for choosing our first PrimaLuna EVO Tube Phono Preamplifier at the heart of your analog music system. The EVO Tube Phono Preamplifier is our family's newest and first member of affordable, high-quality tube phono products. The designers and builders of the PrimaLuna equipment all have a long history in high-end audio. We have shown with PrimaLuna that we can offer a range of affordable yet elegant audio instruments that can easily compete with today's most expensive brands. We assure you we will continue that way. Our quality level will set the bar at a difficult height for other products to match.

The starting point in designing this model was: to keep the controls and features as specific as possible—no special features for only a select number of users. Straightforward the possibility to connect one turntable and for that connected turntable (read: cartridge) make the possible adjustments as simple as possible. Depending on that choice, an initial choice of MM or MC system allows further adjustments regarding the load, gain, and capacity in the case of MM. High sound quality, simple ease of operation.

This PrimaLuna EVO Phono Tube Preamplifiers features:

- Hand-made construction of a heavy-gauge, fully-vented steel chassis with a five coat finish, each coat hand-rubbed and polished, holding the finest point-to-point wiring, using workmanship that is normally only available at the highest price.
- Premium parts like used in all our other models; wide bandwidth for great bass and extended highs; ceramic tube sockets; Nichicon and DuRoch capacitors; 5AR4 tube-rectifier-circuitry; gold-plated panel mounted RCA input and output jacks.
- A 100% shielding Phono chassis where needed.
- SoftStart™ circuit for extended life of sensitive components, plus a reduced chance of tube failure from thermal shock.
- All PrimaLuna power transformers include the PTP™ (Power Transformer Protection) circuit. When the power transformer overheats due to environmental circumstances, overloading or some problem in the unit, an internal thermal switch breaks the primary, allowing the unit to cool down before harm is done. After it's cooled, contact is restored and if nothing is broken, the preamp will repower and function properly.
- LIVE side of the AC input connector indicated by aluminium color screw.

We hope that our PrimaLuna EVO Tube Phono Preamplifier will make you want to follow our next steps in expanding our range of products. If you have any questions or comments, don't hesitate to contact us. You can also share your thoughts with others, for example at the FaceBook PrimaLuna Amplifiers Owners Group or other review sites.



# SPECIFICATIONS

## General

Max. Output Voltage	26.3dBV/20.6Vrms
RIAA-curve deviation	< 0.5dB (20Hz to 20kHz)
Bandwidth	0-20kHz (+0/-3 dB)
Phase response error	<1°
THD+N (A-Weighted) MM/MC	<0.40% @ 2V
Output Impedance	100Ω@1kHz
Rumble filter	None

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## MM-Stage

Gain	40dB
Input Impedance	47kOhm
Input Capacitance (Selectable)	47pF/100pF
Input Sensitivity	2.5mV (200mVrms@1kHz)
Maximum permissible input (@0,1%THD)	180mVrms
Channel separation (@1Khz)	>75dB
S/N Ratio (A-Weighted)@ 23.8dBV	>90dB
S/N Ratio (A-Weighted)@ 6.0dBV	>75dB

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## MC-Stage

Gain H/M/L	60dB/56dB/52dB
Input Impedance (Selectable)	50/100/200/500/1000 Ohm
Input Sensitivity	0.104mVrms (200mVrms@1kHz)
Maximum permissible input (@0,1%THD)	14mVrms
Channel separation (@1Khz)	>60dB
S/N ratio (A-Weighted) @ 26.3dBV	>80dB
S/N ratio (A-Weighted) @ 6.0dBV	>60dB

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## Mechanical

Power Consumption	77Watt/86Watts (115VAC/230VAC, 50/60Hz)
Net Weight	27.9 lbs / 12.7kg
Shipping Weight	34.7 lbs / 15.8kg
Dimensions (L x W x H)	15.9" x 11" x 7.5" / 405mm x 280mm x 190mm
Shipping Dimensions (L x W x H)	18.4" x 15.2" x 12.2" / 468mm x 385mm x 315mm
Inputs	1 pair Stereo RCA (MM/MC)
Outputs	1 pair Stereo RCA
Fuse 100V~120V	Littelfuse 0213001.MXP
Fuse 220V~240V	Littelfuse 0213.500MXP

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## Tubes

Tube V1, V4 (Power Supply, rectifier)	5AR4
Tube V2, V3 (Power Supply, stabilisation)	EL34
Tube V5, V6, V7, V8 (MM-Stage)	With aluminium cover 12AX7
Tube V9, V10 (MC-Stage)	With aluminium cover 6922

MC Tube board

Mechanically decoupled with rubber studs