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# NEWSLETTER PHO-700



## ANALOG<sup>2</sup> - TUBE MEETS VINYL

"The Renaissance of the record" or "Back in Black" - these are currently the headlines, when reporting about vinyl and analogue music enjoyment. But, is the record really experiencing a renaissance? For us, it was never really dead. It only moved into the background during the CD and digital media age.



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# NEWSLETTER

## PHO-700

Because for more than 10 years we have been successfully manufacturing and selling Vincent phono preamplifiers. They serve as a switchboard between turntables and amplifiers that do not have a specific phono input.

Since, in a record player the output signal is significantly smaller than, for example in case of a CD player, is to provide a low-noise and loss-free transmission.

The basis for this is based on a PHO-700 complex additional power supply, which is already used in the PHO-8. We have deliberately omitted an AC adapter and specially designed and developed a power supply. This is connected using a 9-pin DIN cable to the phono section. The voltage is again specially prepared in the power supply, so that ripple and hum of the electricity network play no role and the phono section is supplied with "clean power".

The PHO-700 presents itself in the same dimensions as the power supply. However, is due to the tube lines, combined with the known window which gives a free view to the tube. In the signal path a 12AU7 tube is used as a dual triode, which takes direct influence on the sound. High-quality compo-

nents (e.g. from Nichicon or Wima) improve the parameters of noise ratio and amplification again. Of course, the PHO-700 is switchable via a switch on the rear panel for MM and MC cartridges.

### Connections



## TECHNISCHE DATEN:

Frequency Response:	10Hz – 20kHz
T.H.D.:	0.05% (20Hz – 20kHz)
Input sensitivity:	MM: 58mV
MC:	6.8mV
Signal to-noise ratio:	MM: >81dB
MC:	>69dB
Input impedance:	MM: 47kOhm
	MC: 100 Ohm
Output impedance:	250 Ohm
Amplification factor:	MM: 40dB
	MC: 60dB
Power consumption:	15 Watt
Colour:	black or silver
Dimensions (WxHxD):	130 x 82 x 225 mm



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