

Tube phono riaa modules

Lector Phono amp series include three tube-valves module in pure class A by double triode:
 Phono AMP MM riaa module for moving magnet cartridge (internally power supply)
 VPP02 phono pre-preamplifier for mc cartridge (connect via to MM input) externally power supply box
 PHONO-AMP *system* phono riaa mm e mc module with two phono inputs and externally power supply

- ⇒ **Phono riaa MM by tubes (three double triode)**
 phono stages riaa (passive) by three double triode total gain of 45 db.
 Can connect to mm input all type and model of cartridge, internally low noise power supply, zero feedback, optical bias.
 Hi quality components, phono input without capacitors DC input , lower output impedance.

- ⇒ **Phono Tube MC—V P P 0 2 phono pre pre by tubes (two double triode)**
 Class A tube pre-preamplifier by two double triode total gain of 22 db.
 Amplifier for MC cartridge of 0,4 - 0,6 mV. Twin inputs for better tuning the impedance resistance by insert special R-plug in.
 Output must be connected to phono MM input. Better performance with MMP module.
 Come supply in two box with separate power supply.

- ⇒ **Phono Amp system phono riaa MM/MC by tubes (five double triode) (on photos)**
 With one module is possible to obtain right pre-amplification system for MM e MC: two separate input.
 Power supply unit is separated from main module so increase the noise ratio.
 MC input is twin so is possible to tuning best resistance by R-plug in.
 PAS has two separate input so is possible to connect phono MC and MM cartridge to swith between the two inputs is simple by a toggle.

- ◆ Cherry wood veneering for lateral sides or Black solid plexiglas (optional)
- ◆ External dimension VPP 02 = 225 x 85 x 300 (L x H x P) externally PSU : 225 x 85 x 150
- ◆ External dimension PHONO AMP *system* = 400 x 85 x 300 (L x H x P) external PSU : 225 x 85 x 150
- ◆ Low noise tube selected , low noise power supply and transformer

Optional and basic performance

MODEL	TYPE	PHONO INPUT	LINE/AUX INPUT	DISTORS. % THD	TOTAL GAIN IN/OUT (db)	FREQUENCY RESPONSE > 1 db	OUTPUT IMPEDANCE	OUTPUTS CONNECTOR	SPEC'S DATA
Phono tube MM	CLASS A M.M. TUBE PHONO RIAA ADAPTOR PREAMPLIFIER	1.5 mV 47 kohm 100 pf	NOT AVAILABLE	0.1%	45 db	20 - 20 khz	290 ohm 10 volt max	MAIN RCA OPTIONAL -XLR	400 (L) x 85 (H) x 300 (P) KG.6.5 NET 50/60 HZ 35 V/A 110/230 V-AC
Phono AMP System W/PSU	CLASS A MM/ MC TUBE PHONO RIAA ADAPTOR PRE	MM: 1.5mV 47K /100pf MC: 0.4mV 150ohm	NOT AVAILABLE	0.1%	MM: 45 db MC: 62 db	20 - 20 khz	290 ohm 10 volt max	MAIN RCA OPTIONAL -XLR	400 (L) x 80 (H) x 300 (P) KG.7 NET PSU-FONO:225x85x300 50/60 HZ 50 V/A 110/230 V-AC
VPP 02 / MMC tube pre pre	CLASS A pre pre tube phono preamplifier for MC cartridge	0.4-0.6mV 150 ohm 1500 pf	NOT AVAILABLE	0.1%	22 db	20- 20 khz	1 kohm 10 volt max	MAIN RCA OPTIONAL -XLR	220 x (L) x 80 (H) x 300 (P) KG.2 NET WITH PSU ADAPTOR 10 V/A 50/60HZ 110/230 V-AC



Lector Phono Amp System mm/mc tube preamp

Lector Phono Amp mm tube preamp



Lector Fonix mm/mc solid state





All about FONIX

CARATTERISTICHE DEL FONIX
ELECTRICAL PERFORMANCE OF FONIX

ALL MEASUREMENT by Audio Precision System one @ 230 vac +/-5%

• Standard version off FONIX

Type off unit	Solid State phono-riaa preamplifier for MM and MC cartridge with two separate input
Phono input sensibility	MM: 1.5 mV 47 Kohm 100 pF MC: 0.4 mV 47 Kohm 100 pF
Gain and distorsion	MM: 47 db @ 0.1% MC: 66 db @ 0.15 %
Frequency response and noise	20-20 KHz @ +/- 0.5 db precision MM: 75 db s/n ratio MC: 70 db s/n ratio
Output impedance and voltage	200 ohm / 10 Volt rms max
Power supply	100 / 117 / 230 / 240 Vac 50/60 Hz 60 V/a
Dimension max - external measurement of preamplifier	440 x 308 x 85 (L x P x H) mm Weight: 9 Kg net , 10.5 Kg. gross
Accessories supply	Power cable mains / manual instruction/ / four pair of rca adaptor for Mc resistance variable

• Version available of FONIX

FONIX system basic	Basic version without cherry wood sides
FONIX system wood one	With cherry woods sides for main unit preamplifier
FONIX system Black plexi	With Black sides for main unit preamplifier

Note:

Cherry/Black plexi wood sides add four centimetres to lateral max dimension