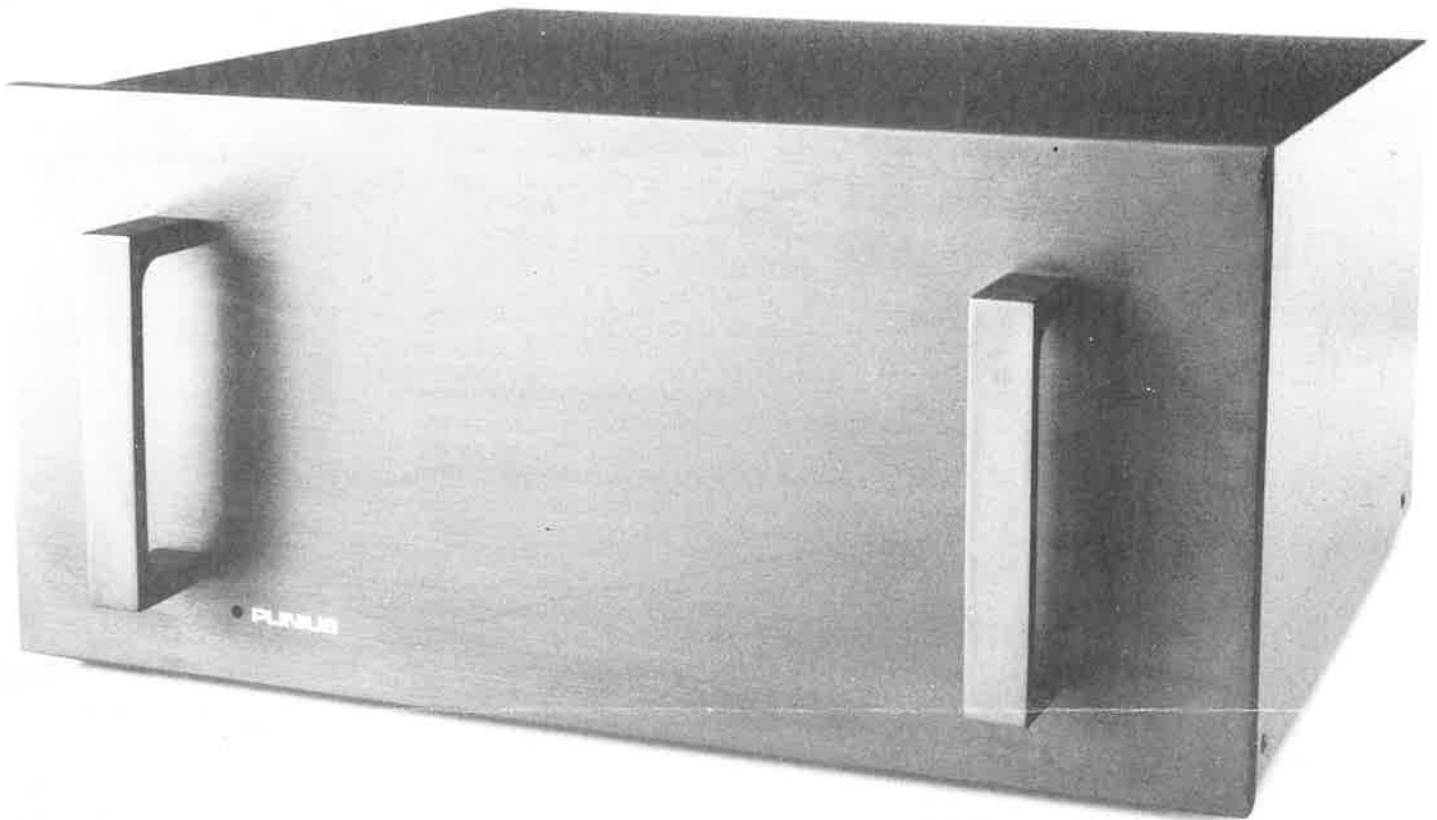

PLINIUS

model 10 200 watt mono power amplifier



In this very special amplifier, the paramount importance of the power supply in relation to sound quality has been fully acknowledged by the design team.

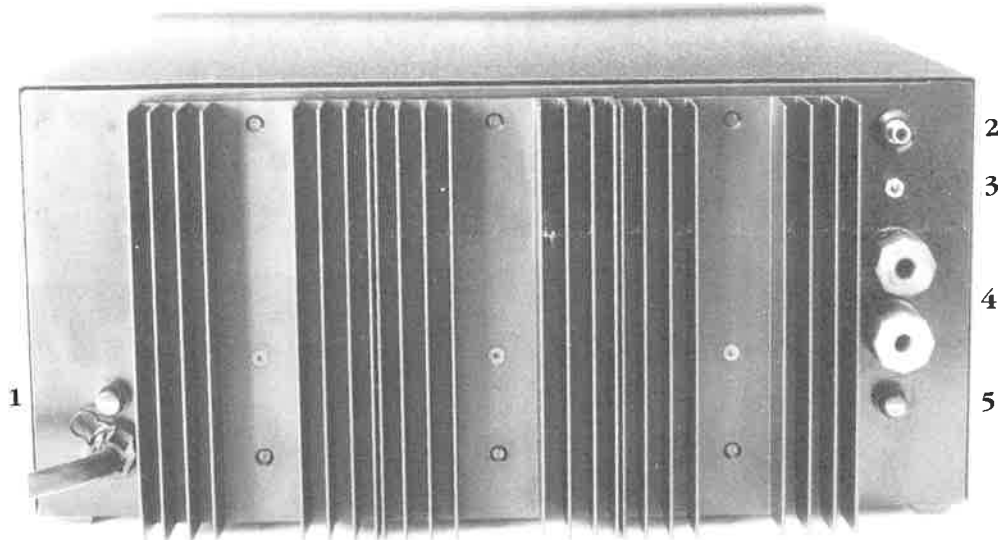
The power transformer, rated at 1500 VA, can only be described as massive, and has been custom built for this model using materials designed for a mains frequency of 10 hz instead of the usual 50 hz. Six filter capacitors with a total value of 162,000 μF are by-passed by large 10 μF polypropylene capacitors, further shunted by polystyrene capacitors. Capacitor connection is by low loss copper bus bars for improved conductivity and final connection to the audio stage is via large crystal oxygen free copper wire.

The audio circuit, based around a full star earthing system, uses selected small signal transistors, polystyrene and polypropylene capacitors, "Resista" resistors and six high speed output transistors each capable of 250 watts continuous output. The unique speaker connectors are by Stax and feature large crystal oxygen free copper and the ability to take the thickest speaker cable available. An Input Mute is provided to facilitate safe interchange of interconnect cable etc.

A description of design features does little to convey the extraordinary sound quality of this amplifier. The weight, depth and sheer ease of the lower part of the musical spectrum is something that one rarely encounters, while the superbly detailed midrange and effortless treble quality completes a sound picture offering years of listening pleasure.

Full 3 year guarantee

PLINIUS



It is not generally realised that all amplification equipment operates best when fully warmed up. The warm up time varies from a few hours to several days depending on the design; our recommendation therefore is that the equipment be LEFT ON CONTINUOUSLY. In this mode the best sound will be obtained from fully stable circuits, the incidence of switch on surge will be reduced and thermal expansion and contraction of transistors will be eliminated. However, please read CAUTION notice below.

OPERATING INSTRUCTIONS.

Because of the large power supply incorporated in the Plinius 10 a soft start circuit has been developed to allow the inrush of energy to the transformer and filter capacitors to be kept as smooth as possible. This circuit takes a few seconds to re-set and the LED next to the Plinius logo will continue to glow for some seconds after the unit is switched off. UNDER NO CIRCUMSTANCES should the amplifier be turned on again until the LED is completely out.

1 **Mains fuse** 10 amp.

2 **Input**

3 **Input mute.** Used correctly, this facility allows changing of interconnect cables without switching the amplifier off. The input is muted when the switch is UP. However, please read CAUTION notice below.

4 **Speaker terminals** by Stax allowing use of the thickest audiophile cables.

5 **Speaker fuse** 5 amp.

Specifications:

Power	200 watts (min.)	8 ohm	20 Hz — 20 KHz
Distortion			0.1% THD
Frequency response		1 Hz — 150 KHz	— 3 dB
Signal to noise ratio			-90 dB
Current capability			80 amps
Input impedance		47 K ohm	shunted by 560 pF
Size	435 mm (W) x 450 mm (D) x 200 mm (H)		
Weight			approx. 30 Kg

CAUTION

Careless use of cables equipped with phono plugs may seriously damage the pre amplifier, the power amplifier or the loudspeakers. We therefore recommend that all amplification equipment be turned off before attempting to connect or disconnect connecting cables. Failure to follow this advice may in certain circumstances render the guarantee on this amplifier null and void.

Designed, manufactured and guaranteed by
Plinius Amplifiers,
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Palmerston North,
New Zealand.