

Lyrta Audio

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2A3 SET
tube integrated amplifier

Manual

Lyrta Audio

Guarantee

This amplifier is guaranteed against any defect in material and workmanship for a period of two years from the date of purchase. Tubes are guaranteed for thirty days.

Within this period, Lyrita Audio will repair the amplifier without charge, provided that failure was not due to misuse.

A separate guarantee card is not issued with this unit. The guarantee period begins on the day you take delivery.

Serial No. _____

Specifications

Input tube	Russian 6N1P (1 nos)
Driver tube	Russian 6N6P (1 nos)
Output tubes	Shuguang 2A3C (2 nos)
Rectifier tube	Russian 5Z4C (1 nos)
Power Output	3 watts per channel into 8 ohms
Frequency Response	40 Hz to 20 kHz
Distortion (THD)	less than 1%
Inputs	CD, Tape, Tuner
Outputs	Speakers
Mains Power	230 V, 50 Hz, 250 W (max)
Size W x D x H	360 x 520 x 200 mm
Weight	18 kg

Installation

The amplifier should be placed as close to the loudspeakers as possible. This will allow the connections to be made with short speaker cables. It is advisable to keep the additional impedance seen by the amplifier as low as possible. The best way to do this is to keep the speaker cables short.

Good ventilation should also be provided around the amplifier. The tubes generate a fair amount of heat, and natural ventilation is necessary to dissipate this heat to the surroundings. The amplifier chassis will get warm, but should still be comfortable to touch.

Always place the amplifier on a firm, smooth surface.

Operation

Tube amplifiers need a load connected to their output. **Always connect the speakers before operating the amplifier.**

To power on:

- Flip the power switch DOWN. LED glows 'Green'.
- Wait 1 minute, for the tubes to heat up.

When making or breaking any connections, always turn off the power to the amplifier first, so that no hum or transients are transferred to the speakers.

When sitting down to a listening session, it is a good idea to let the system warm up for a half-hour. This stabilizes the circuitry, and makes it sound better.

Description

The **2A3 SET** is a low power tube, stereo integrated amplifier, offering superb reproduction of sound.

The 2A3 SET amplifier accepts three line level source inputs. The signal path is kept as simple and as short as possible, to preserve the integrity of the music signal.

The design is a single-ended, directly heated triode (DHT) tube amplifier. The entire signal in each channel is handled by a single output tube, making this class A operation. All wiring is point-to-point. The tube input stage is capacitor coupled to the driver stage, which in turn is coupled through an interstage transformer to the tube output stage. The output stage uses a custom designed audio output transformer. No global feedback is used.

The power supply has an oversized transformer, to provide good regulation for the supply voltages. Tube rectification is used. Each stage of the high voltage supply is independently filtered through chokes. Individual filament transformers are used for low noise operation.

The 2A3 SET is housed in a naturally finished solid sheesham cabinet. The design elegantly showcases the beauty of the tubes.

