

Radis

JA30

Power amplifier

Owner's Manual

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Introduction

At *Jadis*, we are very proud to release a new product after a lengthy period of experimentation and trial.

Our *Jadis* amplifier is therefore the result of long months of technical research and countless hours of listening.

Enjoy your amplifier.

We thank you for your trust in our product.

Warning

Read this document thoroughly before any manipulation. Then read step by step when installing.

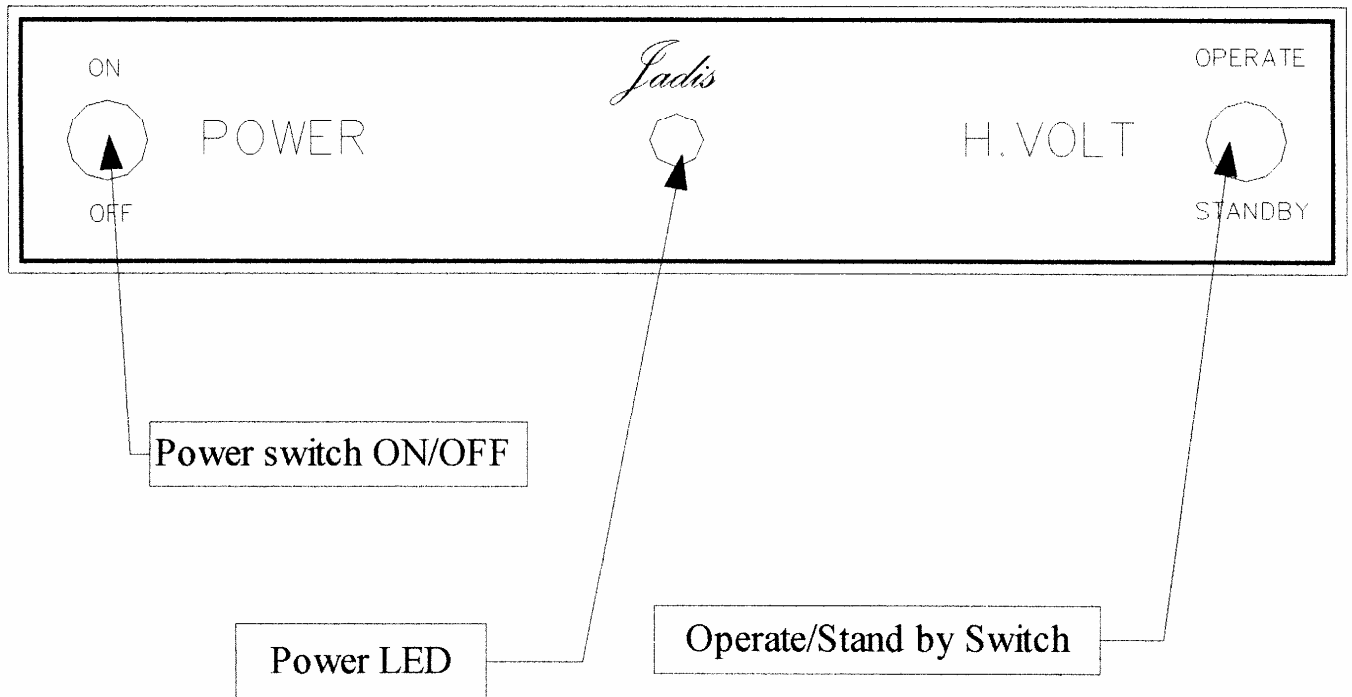
Unpacking and checking

The JA30 amplifier has been packed in a box that has been specially designed for it. Do not throw away this box as it will be needed for re-packing the unit when it has to be returned to the factory for maintenance or upgrading. Please note that the warranty will be considered as cancelled if the unit has been dispatched incorrectly packed.

The boxes should contain: Two modules blocks amplifier, its tubes, two mains power cables and one 6-sided spanner which is used to remove the covers of the units to allow the tubes to be changed when necessary.

Description

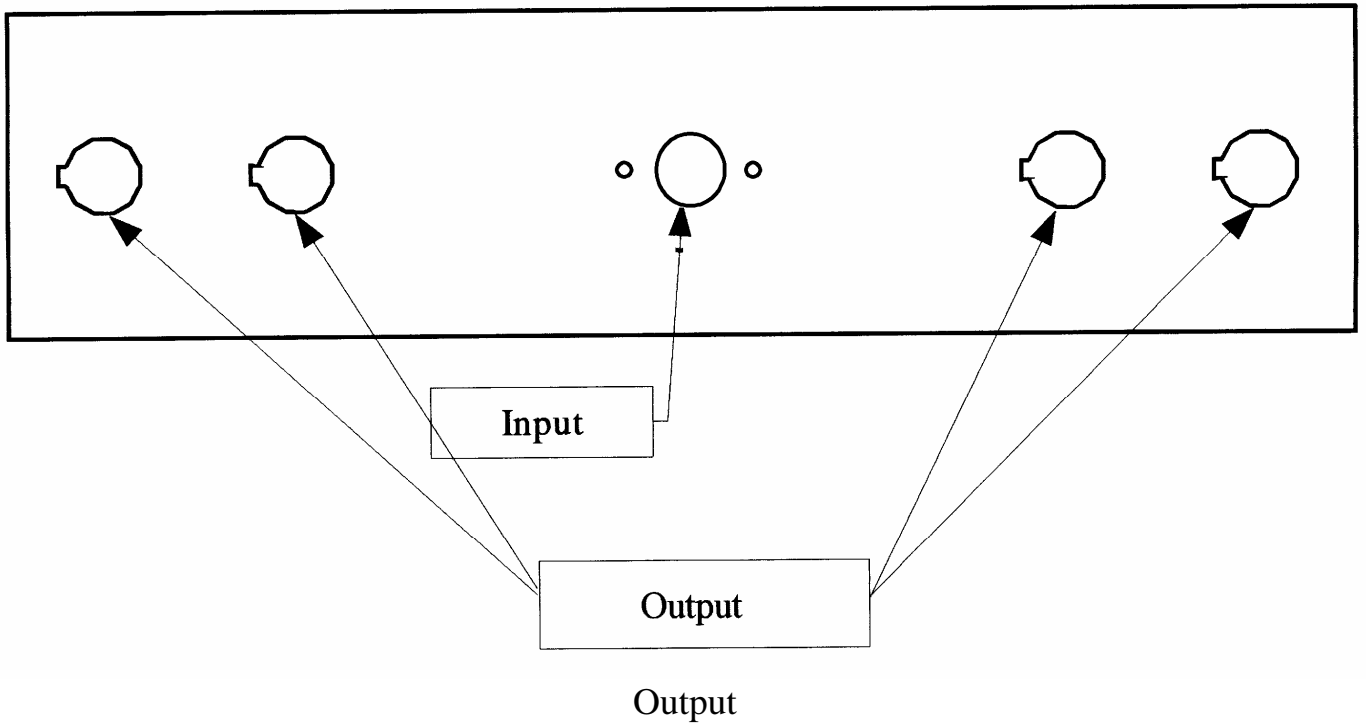
Front View



On the front side of the amplifier, you will find:

- The power switch ON/OFF.
- The OPERATE/ STANDBY switch.
- The Power led, red when the unit is turned on at stand by state, and green at operate state.

Back View



On the back side of the amplifier, you will find:

- The Input connectors.
- Two channel output connectors for loudspeaker

Installation instructions

Read this carefully.

Optimum listening quality is obtained when the following recommendations have been observed step by step.

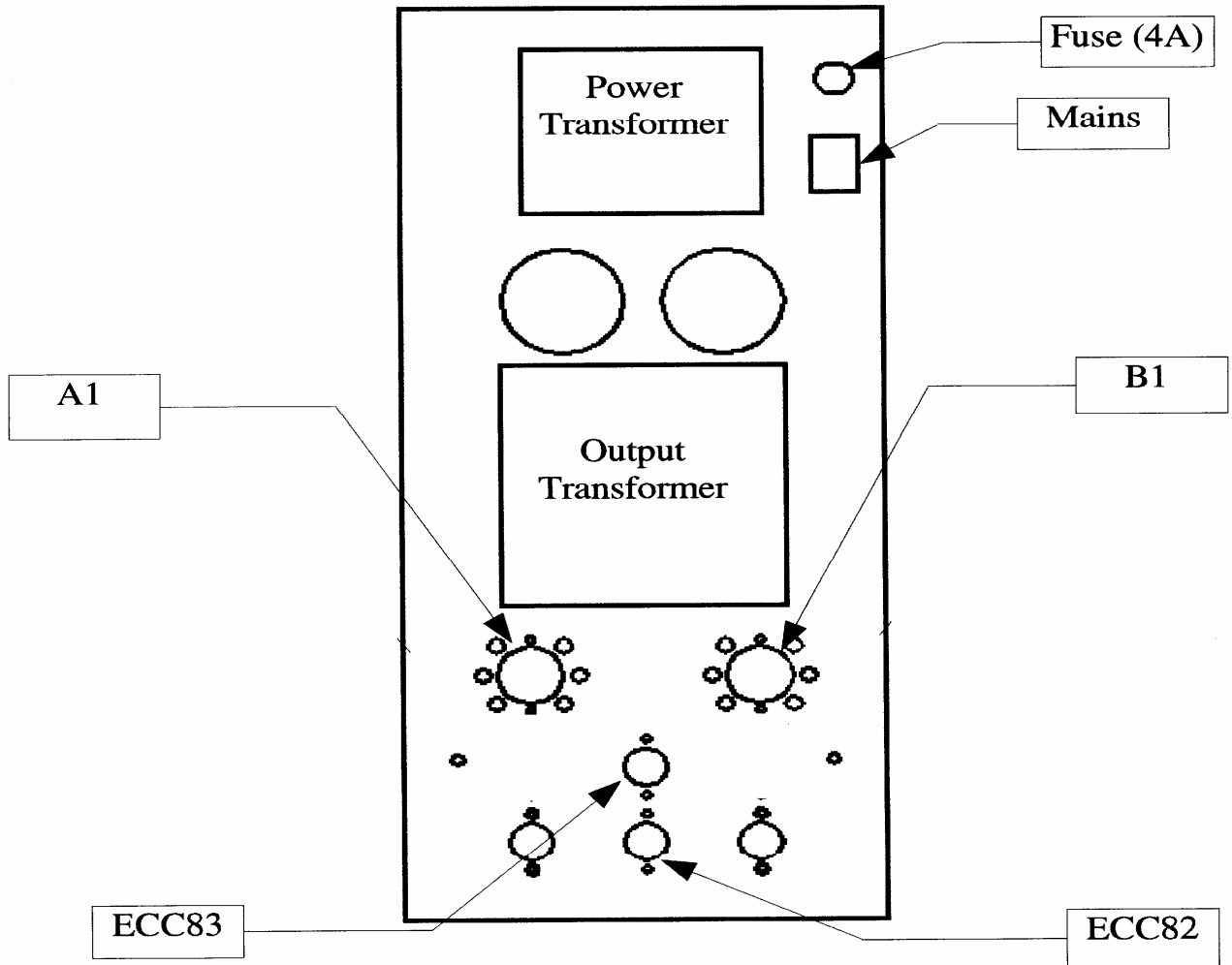
1 - Each Jadis amplifier unit is packed with its own tested tubes. Place the tubes: be careful not to mix up the tubes and place them immediately on to their corresponding place as indicated in the « Tube position » .

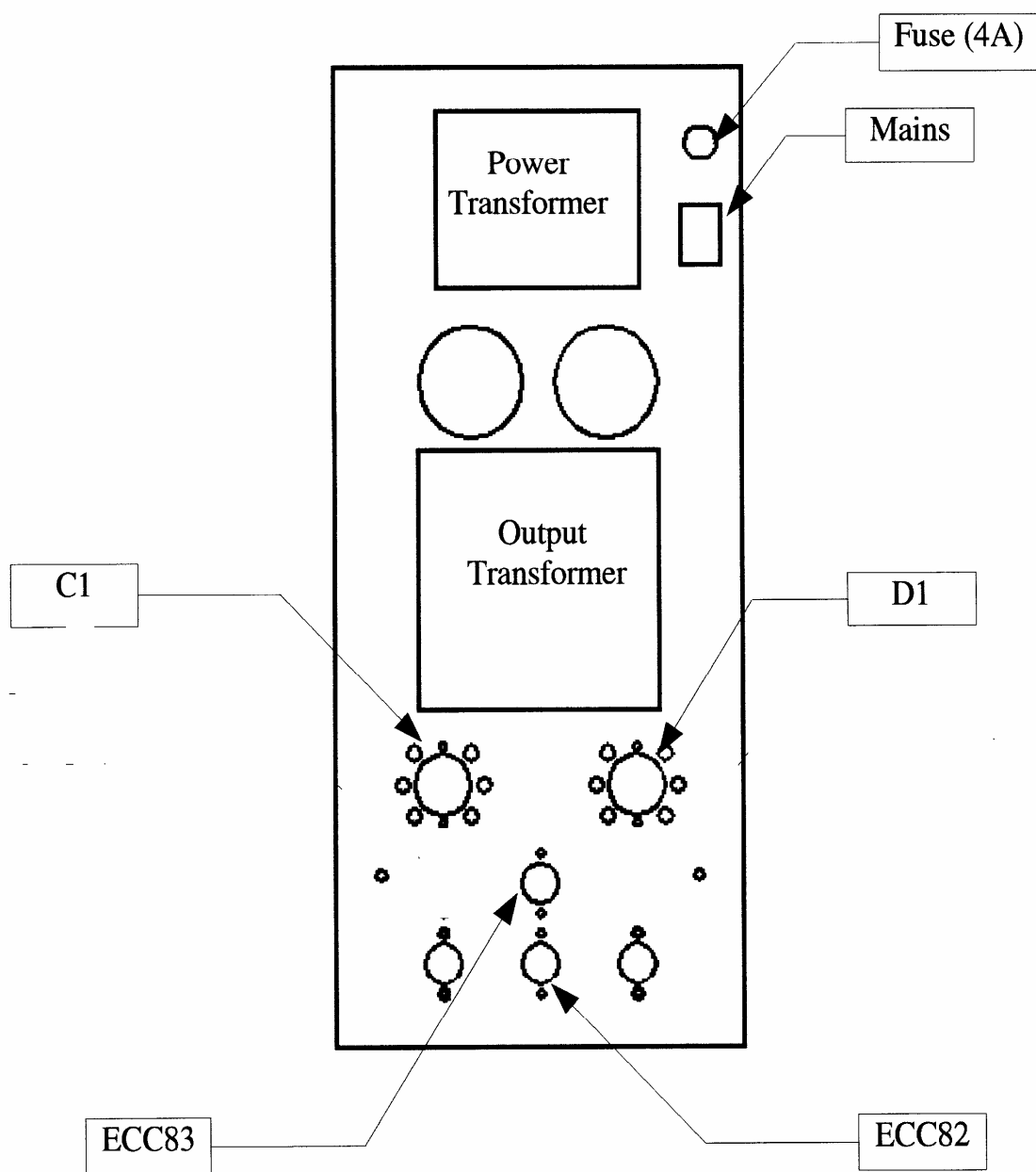
2 - Place your Jadis amplifier on a flat, solid surface. Avoid placing the units directly on a carpet or on inflammable material. Avoid placing objects on top of the amplifier to ensure adequate ventilation.

3 - Because your Jadis is a tube amplifier, provide an open space to allow a correct evacuation of heat. **Do not try to cool your Jadis amplifier with a fan or expose it to air currents:** sudden cooling can create microcracks on the tubes. Do not move your amplifier when the tubes are hot.

4 - Always turn on your preamplifier before turning on the amplifier. Reverse the procedure when turning off your amplifier. To ensure long term reliability the ON/OFF power switch must be operated with a quick firm movement. Always use the ON/OFF Switch. Never unplug the mains cord to turn off the unit. If it is necessary to change a cable or to modify a connection, make sure the amplifier and the preamplifier have been switched off for a least three minutes before proceeding.

Tubes position





Tubes Installation:

First of all, remove the grid which protects the tube sockets (be sure the mains connector is unplugged).

Attention: For mounting the tubes, do not force them, this may damage the sockets. Be careful at dressing power tubes because they have stop pins on the central parts of the mounting base.

Mount first the ECC82 tubes, the ECC83 tube, and then mount the power tubes. The tubes placement is shown at page before.

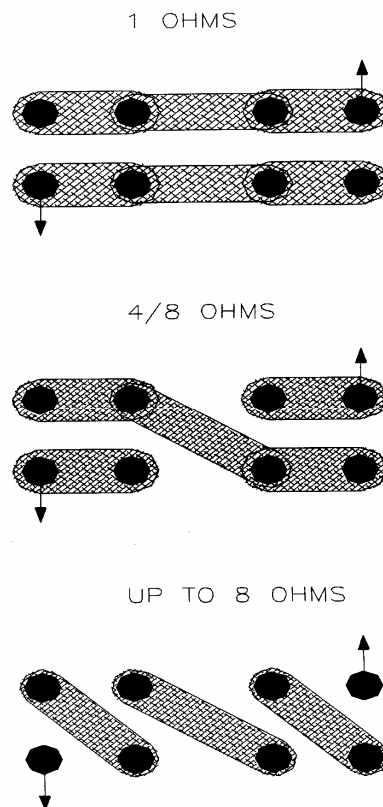
Replace the grid and never remove it when the amplifier is connected to the mains voltage, whether it is running or not.

How to match your amplifier to your loudspeakers

The load impedance is pre-adjusted in the factory for loudspeakers from 4 to 8 ohms.

The technical characteristics of the Jadis amplifiers allow an impedance adaptation from 1 to 16 Ohms.

Impedance modifications are easily accomplished on the terminal blocks like this :



Nota: For a good listening level, choose loudspeakers with an efficiency of more than 98 dB.

How to turn ON your amplifier

In order to get the best performance from your Jadis amplifier, it is necessary to follow carefully the instructions below:

- 1- Check that the power switch is OFF.
- 2- Check that the OPERATE/STANDBY switch is set to STANDBY.
- 3- Connect the loudspeaker wires to the red and black terminals at the back of the amplifier.
- 4 - Connect the interconnect cables between the preamplifier outputs and the amplifier input connectors.
- 5 - Connect the mains cord of your amplifier which is detachable to facilitate safer and easier moving of the unit. Always use the power cord supplied or one of equivalent electrical rating. Insert the power cord into its socket on the unit before plugging the other end to the mains network.

Your Jadis amplifier is now ready to operate. However, its optimum sound quality will be reached only when the amplifier reaches its ideal temperature (after about 1 hour of operation).

For running your amplifier, set the POWER switch to ON, wait 5 to 10 minutes then set the OPERATE / STANDBY switch to OPERATE and you will be listening. To stop, reverse the operation.

Maintenance

Your Jadis amplifier is adjusted for a nominal voltage corresponding to your country's electrical network.

If the amplifier fails to operate:

- 1 - Turn OFF the unit immediately.
- 2 - Unplug all the cables.
- 3 - Do not forget the mains cord.
- 4 - Contact your Jadis dealer for diagnostic and repair.

To clean your amplifier, use a soft cloth with a non abrasive cleaning product.

Do not forget to unplug all connectors before cleaning.

JA30 specifications

Load impedance:	1 to 16 Ohms
Output Power at 1kHz:	30 Watts
Bandwidth at -3 dB:	20 Hz to 46 kHz
Sensitivity for rated output :	500 mV rms.
Input impedance:	> 100k Ohms
Maximum power consumption:	125 W per unit
Dimensions:	47 x 21 x 18 cm
Weight:	22 kg each unit

Subject to modification.