

Radis

SE845Nec

Direct Heated Triode

Power amplifier

Owner's Manual

Table of contents

Introduction

Warning

Unpacking and checking

Description

Installation instruction

Tube position

How to match your amplifier to your loudspeaker

How to turn ON your amplifier

Maintenance

Specifications

Warning

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

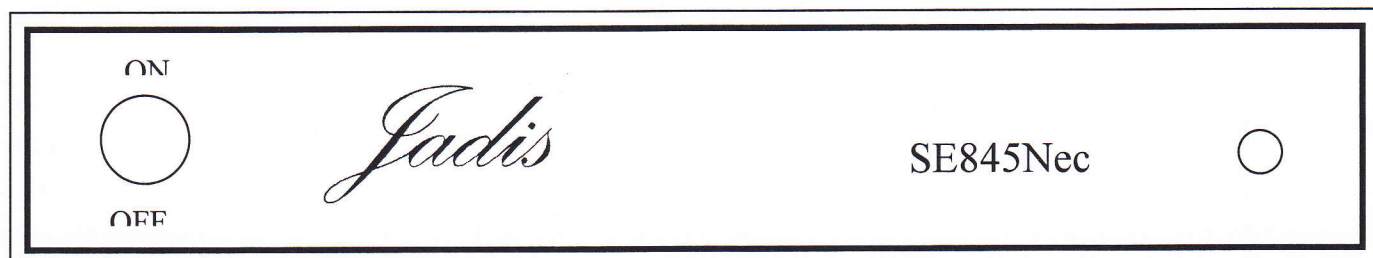
Unpacking and checking

The SE845Nec 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

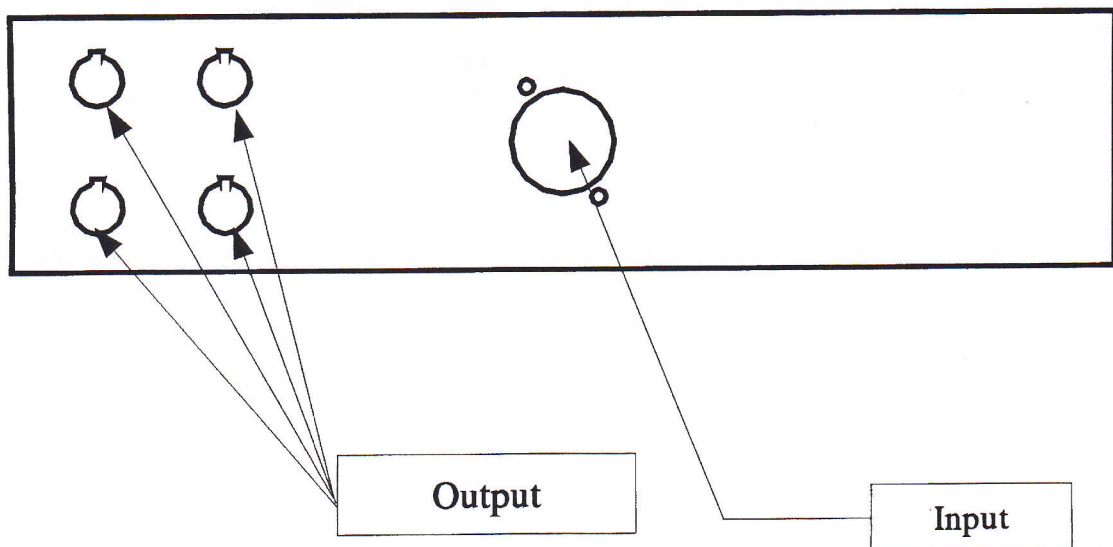
Front View



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

- The power switch ON/OFF.
- The Power led, green when the unit is turned on.

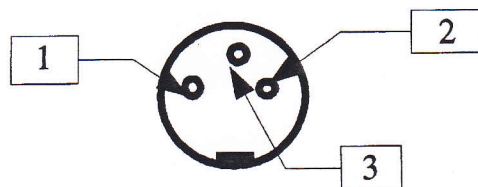
Back View



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

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

Description of XLR Input (Balanced model only)



- Pin 1 : Ground
- Pin 2: Plus
- Pin 3 : Minus

Installation instructions

Read this carefully.

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

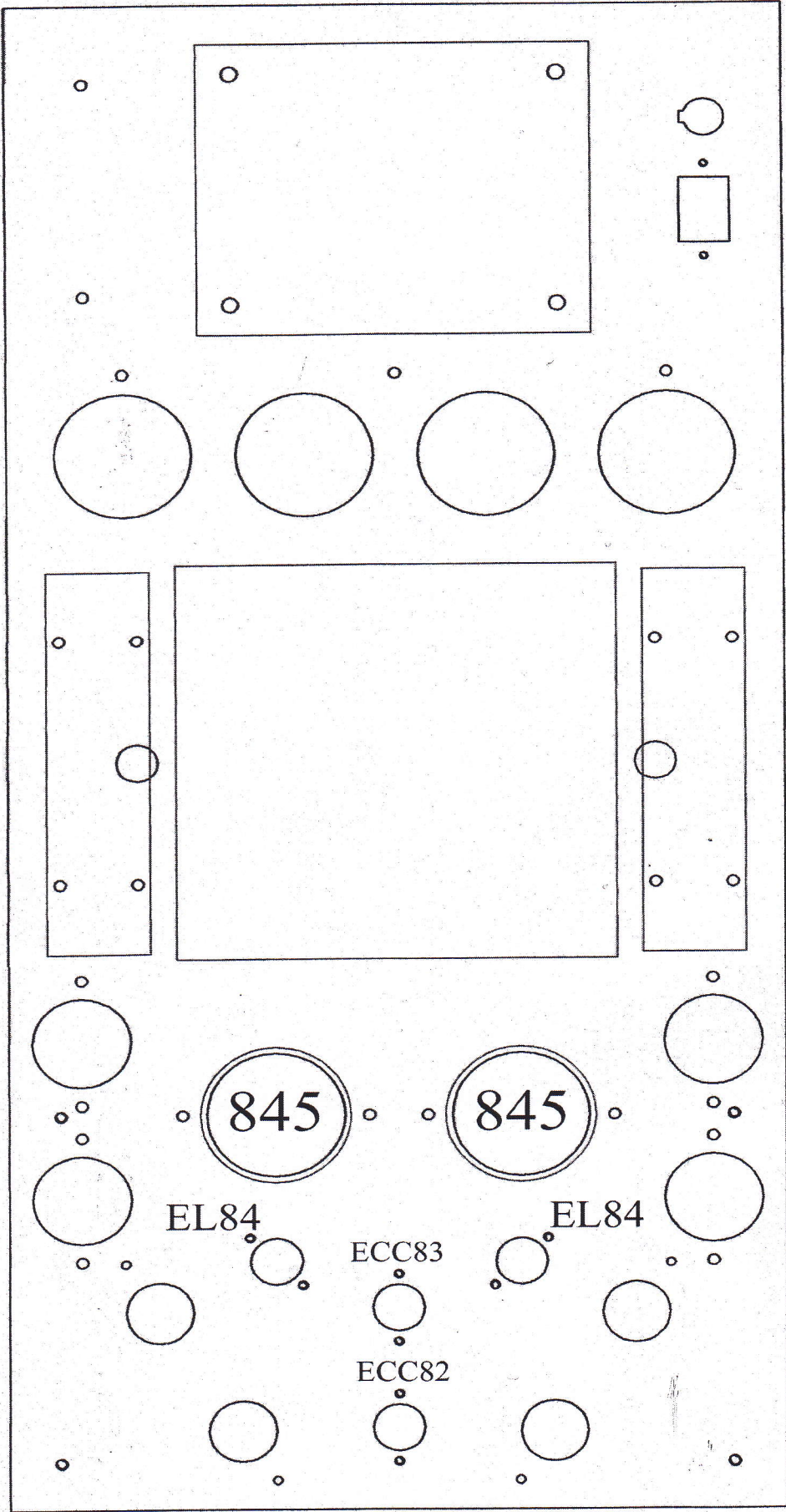
1 - Each Jadis amplifier unit is packed with its own tested tubes. Place the tubes: be careful not to mix up the tubes and place them immediately on to their corresponding place as indicated in the « Tube position » .

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.

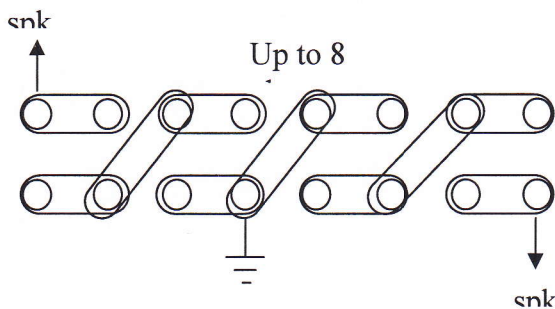
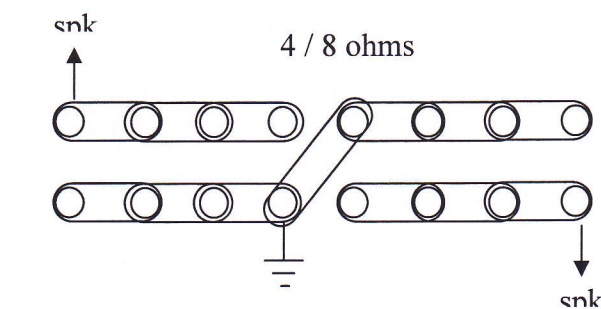
Mount first the drivers tubes (smallest ones) and then mount the power tubes. The tubes placement is shown at pages before.

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

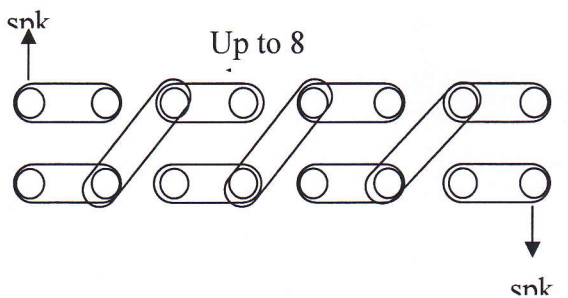
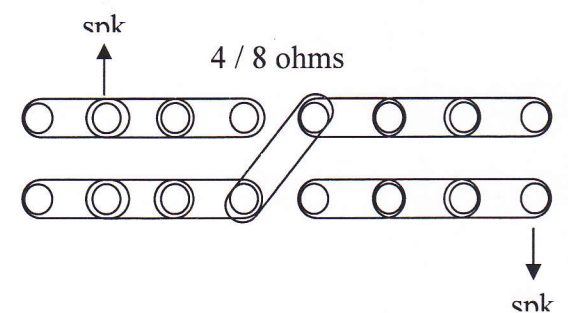
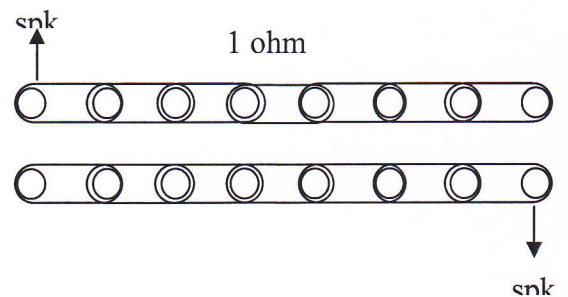
How to match your amplifier to your loudspeakers

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.



Balanced



Unbalanced

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-.

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).

To turn ON and OFF your amplifier, always use the power switch. Do not plug and unplug the main cord to turn on and off the unit.

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.

SE845Nec specifications

Load impedance:	1 to 16 Ohms
Output Power at 1kHz:	40 Watts
Bandwidth at -3 dB:	20 Hz to 38 kHz
Sensitivity for rated output :	560 mV.
Input impedance:	> 100k Ohms
Maximum power consumption:	250 W per unit
Dimensions:	68 x 30 x 29 cm
Weight:	45 kg each unit

Subject to modification.

WARRANTY

JADIS S.A.R.L. warrants the components of your Jadis product for a 5-year period from the purchase date.

In the event of failure of your Jadis product, JADIS S.A.R.L. will repair and readjust and, should the occasion arise, will replace the units providing that all the clauses contained in the warranty are met.

In order to initiate service of any kind it is necessary to obtain prior distributor or dealer authorization and then ship the unit prepaid. Any of the following conditions shall void the warranty :

- 1- Operations not in accordance with this manual.
- 2 - Abuse, accident or unauthorized modifications as determined by JADIS S.A.R.L. exclusively.
- 3 - Removal, defacing or falsifying of the serial numbers.
- 4 - Shipping without the complete factory cartons.

JADIS S.A.R.L. shall not be liable for any accidental damages regarding operation, failure, trouble-shooting or repair of your Jadis product.

Tube Warranty

The tubes used on Jadis products are selected and tested by Jadis, but they are in no way covered by this present warranty. The only warranty that applies to any tube is the warranty, if there is one, provided by the tube manufacturer.