AUDIA
FLIGHT

Strumento n° 8
Mono power amplifier

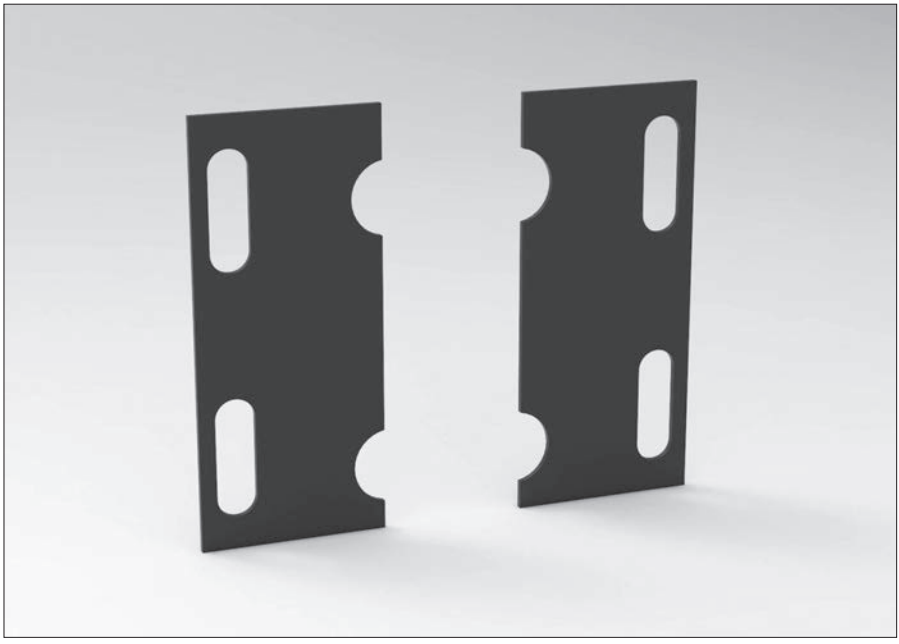
AUDIA FLIGHT

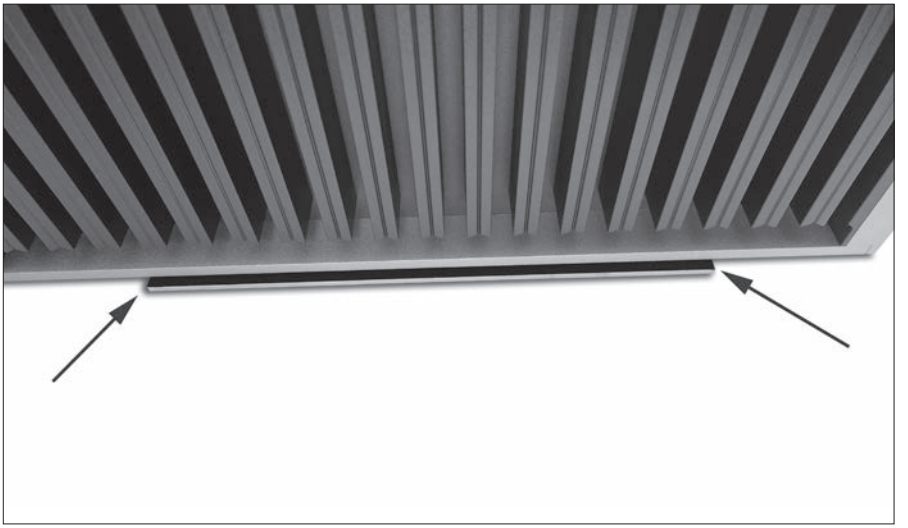
Owner's manual

Strumento n° 8
Mono power amplifier

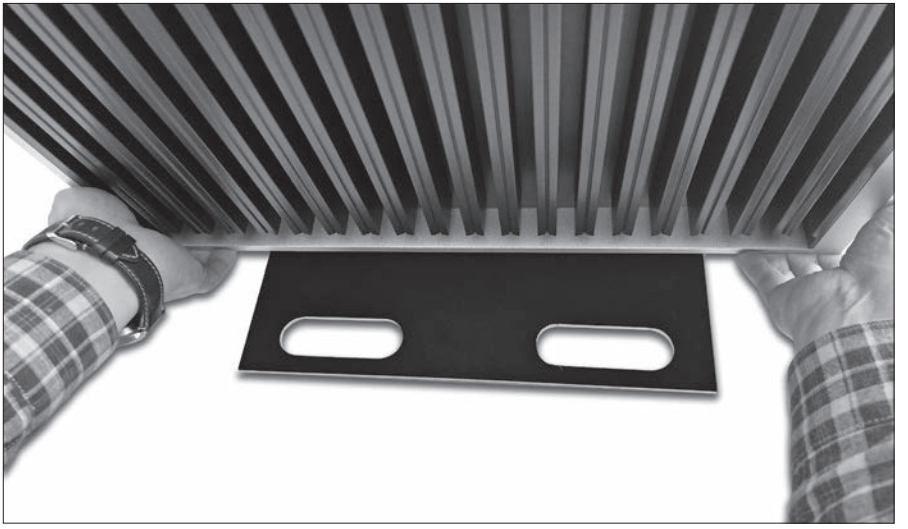
Unboxing instructions

Due to decoupling system between transformers and chassis, the Strumento series power amplifiers come with a pair of metal parts intended to protect amplifiers during shipment. When in place, these plates avoid any headroom between transformer set and amplifier chassis. Plates must be removed once amplifier is placed in its final position. Please follow these recommendations in order not to cause harm to people and the equipment itself. Two or more people needed.
Please note that, when amplifier is shipped, plates must be in place.



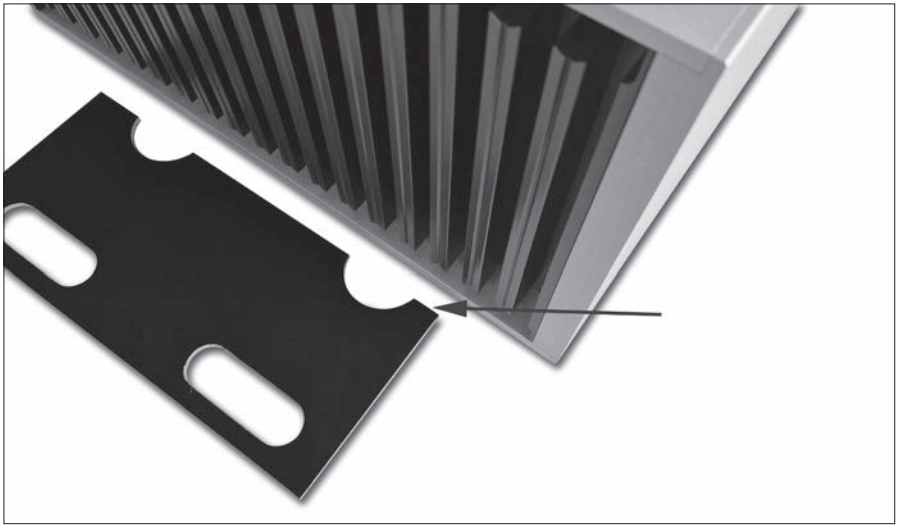


When in place, plates must be in this position.



In order to remove plates, amplifier must be slightly raisen, due to weight better in two times, one side at a time. Two or more people needed.

Metal plates have to be removed before unboxing amplfier or put back in place again before shipping. There is a plate each side, left and right.



For future use, remember that this small part of the metal plates has to be oriented towards the front of the amplifier.

Audia Flight congratulate you and thank you for choosing one of its products to make your sound system. The Strumento n° 8 mono power amplifier has been patiently designed with the intention of being one of the best equipment available and capable of powering any speaker on the market today. This ambition is of course requisitioned all the know-how of the brand and demanded fidelity to the principles of the most developed, the application of the most powerful techniques and the use of the best components. Its production does not suffer any compromise was made with an extreme attention and care. You can be assured of having a device that will serve you and give you many years of musical enjoyment only. This manual is intended to advise you and help you get your amp the best possible.

Safety instructions

Before you start using your Strumento n° 8 mono power amplifier, please read the operating instructions and safety precautions outlined below.

1. Always make sure the unit is unplugged before connecting or disconnecting any other device of the audio system in case of intervention on these devices.
2. Your device comes with a three-wire power cord (AC voltage of 100 - 115 V or 230 - 245 V). To prevent electrical shock, all three wires must be used. If your outlet does not accept the plug type fitted to the cord, you need an adapter and, if so, make sure it meets the required safety standards and, above all, establishes a connection to earth. If in doubt about the integrity of your electrical system call in the assistance of a qualified professional.
3. The use of an extension cord is not recommended for this product. If an extension is required, ensure its compliance with safety rules and its ability to withstand the intensity of current required to power your device.
4. Never use flammable or combustible chemicals for cleaning.
5. Do not attempt to open the device, in under no circumstances use it without removing all the packing materials or elements covering the unit.
6. Do not spill nor spray any liquids directly on the device.
7. Never push objects through openings in the unit.
8. Never remove a fuse.
9. Never replace a fuse with one of size or type than those specified.
10. Never attempt to repair the unit yourself. In case of problems, contact your dealer.
11. Never expose your device to temperatures too high or too low.
12. Do not leave electrical appliances within the reach of children.

TRANSPORT AND UNPACKING

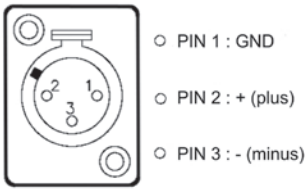
Given the significant weight of the unit, the assistance of one or two other people, for the port and the establishment is highly recommended. Do not return the package, following the direction of reading the entries. Before opening the package, bring it near the planned installation location for the unit. Remove the "keys" around the box, leave the other side of the box from the base.
The device is surrounded by a cover and a second envelope containing a desiccant. The package contains the Audia Flight Strumento n° 8, a detailed instruction manual, comunication cable with other Audia Flight devices and a power cord shielded. We recommend you keep the packaging for possible transport. In the case where the unit is packed again, be sure to try reseating all internal components. Audia Flight not be held responsible for any incident.

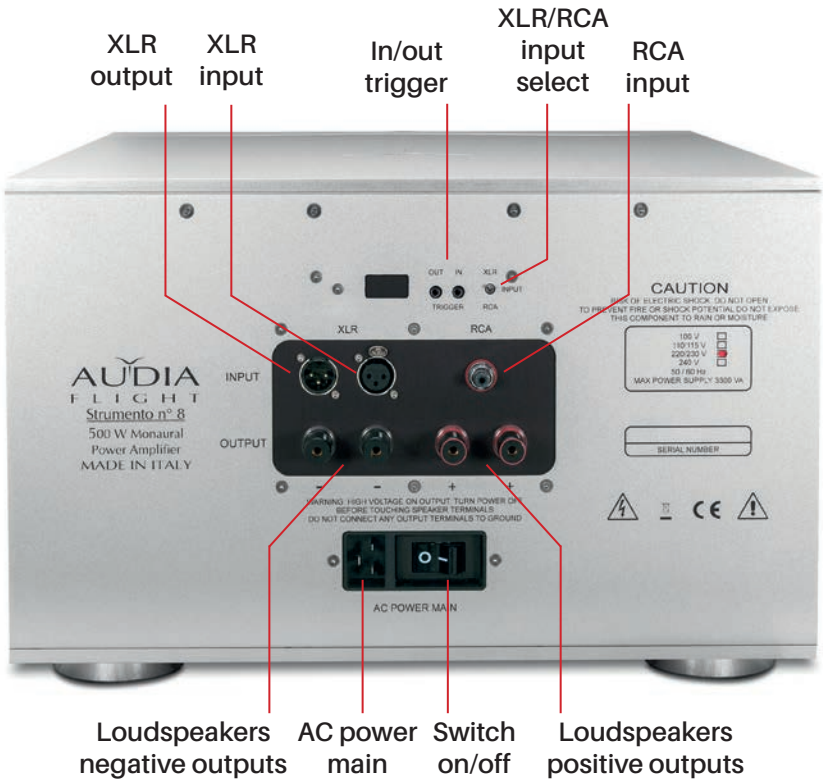
LOCATION

Choose a location that can support the heavy weight of your device. Its operating principle of dissipating heat, allow a space of at least 10 cm around the amplifier including the soil, so that its breakdown could happen naturally. Move it away from sources of heat or vibration, do not expose to direct sunlight. Make sure it is close to the speakers so that the length of the cables connecting them is as small as possible. In the case of an unbalanced RCA connection, make sure that the amplifier is not more than one meter from the preamplifier to avoid background noise. This distance is more important in the case of a balanced connection.

INPUT CONNECTIONS

Before connecting, make sure your amplifier is unplugged or turned off and the other devices in your system. Select the input format you will use to connect your amplifier to the preamplifier, using the switch on the rear of Strumento n° 8: the XLR to a balanced connection or RCA connection for unbalanced use.
Connect the outputs of the preamp left or right to the input of Strumento n° 8 with cables terminated with the selected taps. Cables of the highest quality are recommended. A balanced connection, on XLR, is recommended when the cables have significant lengths.
Polarity of the pin XLR input (female) connector is shown in the diagram below:





OUTPUT CONNECTIONS

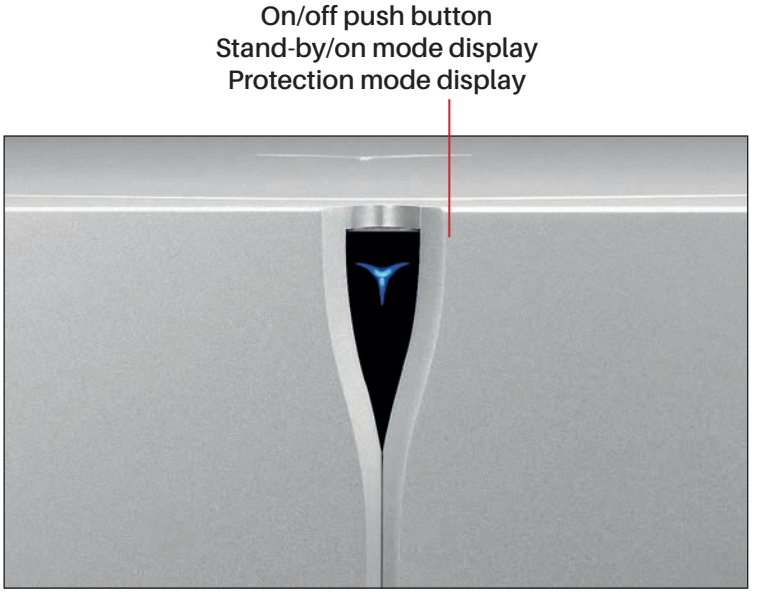
Connect each speaker left or right by appropriate cables, output terminals to negative and positive, at the rear of Strumento n° 8. There are two negative output connectors and two positive output connectors to have the possibility to use different cables for the same speaker (bi-wire connection). Also be careful:
THE NEGATIVE OUTPUT CONNECTORS ARE NOT CONNECTED TO THE GROUND. THIS AMPLIFIER IS A TRUE BALANCED AMPLIFIER.
The isolated terminals accept all the endings: banana plugs, bare wire or fork. Ensure the reliability of each link or tighten each terminal with a cable or her fork. The use of speaker cables of the highest quality is strongly recommended.

COMMUNICATION BETWEEN AUDIA FLIGHT AND OTHER BRANDS

On the rear of Strumento n° 8 you will find an outlet "Trigger" format 3.5 mm jack. This connection allows devices from different manufacturers have adopted this mode of communication and equipped with the necessary taken to control its implementation on or standby simultaneously.

AC MAINS CONNECTION

Make sure the mains voltage of your system is one for which your machine is designed and printed on the back. Plug the power cord supplied shielded on the power plug socket 20 A of the standard Strumento n° 8 and the outlet and switch the switch of the base of the back, on the "I" position. The indicator light located in the flare of the groove across the front lights up, indicating the stand-by state. To function, press housed in the opening of the facade, the logo will light indicating, after a brief delay, the amplifier is ready for use.
Pressing the button again, the device is reset and the Standby indicator lights up again. To switch off your amplifier it is necessary to switch the switch on the rear panel in position "O".
For proper functioning and safety of persons and property, it is essential that your system be fitted with an effective earth whose absence may cause malfunction. Your amplifier and other components of the system must be connected.



PROTECTIONS

For your own safety and that of the amplifier, the Strumento n° 8 is provided with electronic protection systems may be involved in the following circumstances:

- excessive temperature of the output;
- excessive current output current (in case of short circuit or load impedance too low);
- detection of a DC voltage at the output;
- failure of power supply.

The intervention has a protective effect of stopping the amplifier and is indicated by displaying a code in the window of the front indicating the nature of the intervention of protection.
In any case, turn the power back by the switch, wait a few minutes and replace operation. If the problem persists, contact your dealer or distributor.

LISTENING TIPS

Even if the device has already been run for fifty hours, during which operations and tests have been successfully passed, we advise you to continue for a hundred hours, provided that the running occurs in the presence of a signal.
During a long period of disuse, the complete extinction by the switch on the rear panel is recommended. The Audia Flight Strumento n° 8 is able to reveal nuances and extremely subtle details present in the recordings, we recommend to combine it judiciously and in synergy with other elements of your system, including connections. The association to the preamplifier Strumento No.1 is, of course, ideal.

CARE AND MAINTENANCE

To remove dust on the box, use a feather duster. Do not attempt to clean the surfaces brushed with alcohol or any other similar solvent, using a simple microfiber cloth, possibly damp or dry to remove stains. Dirt and grease on the connectors can produce sound degradation. We recommend cleaning all the contacts through which the signal to the speaker terminals, with isopropyl alcohol at least once every six months.

Technical data

Output power Wrms:	500/1000/2000 (8/4/2 Ohm)
Inputs:	1 unbalanced RCA + 1 balanced XLR
Outputs:	1 balanced XLR
Gain:	29 dB
Input sesitivity	1,41 V
Frequency response:	0,3 Hz ÷ 1 MHz (1 Wrms, –3 dB)
Slew-rate:	200 V/us (on 8 Ohm)
THD:	< 0,05 %
S/N Ratio:	110 dB
Input impedance:	balanced or unbalanced 7.5 kOhm
Damping factor:	> 1000 (on 8 Ohm)
Main voltage:	AC 100, 110/115, 220/230, 240 V, 50/60 Hz
Power consumption:	3300 W max
Dimensions / weigth:	450 x 280 x 500 mm (W x H x D) - 95 kg
Shipping dimensions / weigth:	580 x 410 x 700 mm (W x H x D) - 125 kg

Warranty

Audia warrants materials, workmanship and proper functioning for a period of two years. The Italian warranty is valid from the purchase date shown on the receipt and only in Italy. Unauthorized dismantling of the product will render this warranty void. Audia reserves the right to make changes in design and improvements upon its products without necessarily assuming an obligation to retrofit such changes upon previously manufactured models. Audia shall in no event be obligated for any incidental or consequential damages as a result of any defect or any warranty claim, whether expressed or implied. Any replacement of parts not covered by the warranty will be charged to the customer. Any unit requiring repairs must be taken to the retailer in its original packaging for delivery to our offices or authorized service center with a description of the defect. If shipping is required, such costs are charged to the client. For all foreign markets, the Audia local distributor is responsible for establishing any and all rules governing warranty in accordance with the rules and regulations that apply in each country. This includes length of warranty, location where repairs may be effected, costs, if any, and conditions pertinent to fulfilling the conditions of warranty.

AUDIA
FLIGHT

Via Alfio Flores, 7
00053 Civitavecchia
(RM) - Italy
www.audia.it

Made in Italy

Eng rel. 6.0