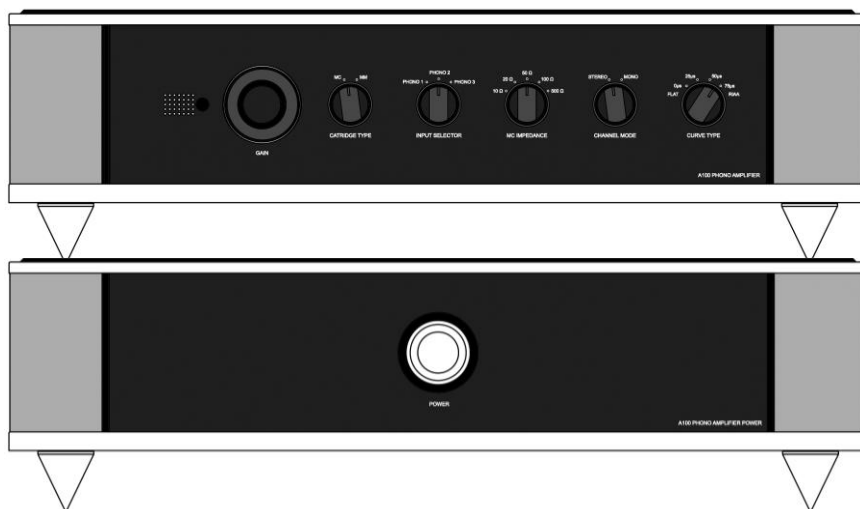


Model A100

PHONO EQ AMPLIFIER

Owner's Manual



INTRODUCTION

FJORD AUDIO draws its name from the timeless and majestic landscapes shaped by glaciers. (Fjord: A Norwegian term for 'a narrow inlet of the sea between cliffs or steep slopes,' formed over two million years ago by glacial activity that carved U-shaped valleys, now filled with seawater.)

The brand's logo encapsulates the essence of glacial valleys, trees, and nature, rendered in intricate curves that evoke these natural elements.



Though a new contender in the audio industry, FJORD AUDIO is built on a foundation of extensive experience in professional audio production and development.

Despite its recent inception, the company has evolved over many years as a specialized OEM production enterprise with a remarkable track record of producing approximately one million amplifiers, underscoring its high standards in audio engineering.

Notably, FJORD AUDIO maintains a close relationship with leading Chinese manufacturers that collaborate with prominent high-end global audio brands.

Through these strategic partnerships, FJORD AUDIO commits to utilizing premium materials and state-of-the-art production systems, striving for reasonable pricing and impeccable quality.

We are thrilled to unveil the true essence of high-end audio through the FJORD AUDIO brand, a collaboration that seamlessly integrates Korean technology and innovation.



SEFETY INSTRUCTIONS (1)

Before you begin

When inserting the mains plug into the wall socket or mains outlet, make sure the On/Off switch on the unit is in the Off position.

If you do not intend to use the unit for a long period, remove the mains plug from the mains supply.

In case of emergency

Disconnect the plug from the mains supply

Never use an amplifier that is damaged or faulty. Make sure that it has been labeled as defective and that it cannot be used until it has been repaired by a qualified service engineer. Make sure that there is easy access to the IEC socket and power cable.

Do not open the case!

There are dangerously high voltages and hot tubes inside this equipment. To avoid a burn or the risk of electric shock, never allow anyone except qualified personnel to open the case or remove the grill.

Please note that any service work or modification to the unit carried out by unauthorised personnel will invalidate the warranty. Refer any service queries in the first instance to your dealer.

Symbols and terms used in warnings.



ATTENTION: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR

SEFETY INSTRUCTIONS (2)

Before connecting

Make sure that the voltage of your amplifier matches your local supply voltage.

Cover Never operate the amplifier without the cover.

Placement

Do not use it in open air or in damp environments!

Condensation may form if the amplifier is taken from a cold environment into a warm one. In this case, wait until the amplifier has reached room temperature and is dry before switching it on.

Avoid installing the amplifier close to sources of heat, such as heaters, or anywhere that it may be in direct sunlight.

Do not operate amplifier near flammable materials, gases, or vapors. Avoid areas where there may be heavy accumulations of dust or where the amplifier may be subject to me chanical vibration.

The amplifier on a stable, even surface.

Ventilation

Ensure sufficient air circulation around your amplifier.

If you intend to install your equipment in a cupboard or a shelf unit, ensure that there is at least a 5 centimeter gap between the ventilation slots and the walls all around the amplifier.

Warranty

FJORD AUDIO can only guarantee the safety, reliability and performance of this unit if modifications and repairs are carried out by specialized personnel and if the amplifier is operated in accordance with the instructions contained in this manual.

SEFETY INSTRUCTIONS (3)

Do not spill liquid into the amplifier!

If that should happen, switch off immediately and remove the mains plug from the wall.
Have the amplifier checked by an Authorized Service Centre.

Cleaning the amplifier

Cleaning the unit should take place only when it is switched off and the valves are cold.

Use a soft dry cloth.

Do not use solvents or alcohol based detergents.

Never operate the unit if it is covered!

Never attempt to remove the valves when the unit is switched on!

If you need to remove and replace the valves, do so only when the valves are cold and the unit is switched off, and the AC cable has been unplugged from the amplifier.

Caution change Tubes

Replace Tubes only with others of the same type, preferably in matched pairs.

Avoid shocks and vibration to the unit, which can damage or reduce the life of the Tubes.

FUSE

The A100 line FUSE values have been T2A on 220V and 230V units,

This Unit is already equipped with the higher-value fuse.

This information supercedes the Original smaller FUSE values printed in the owner's manual and on the rear of the Amplifier chassis by the FUSE holder post.

Service and maintenance

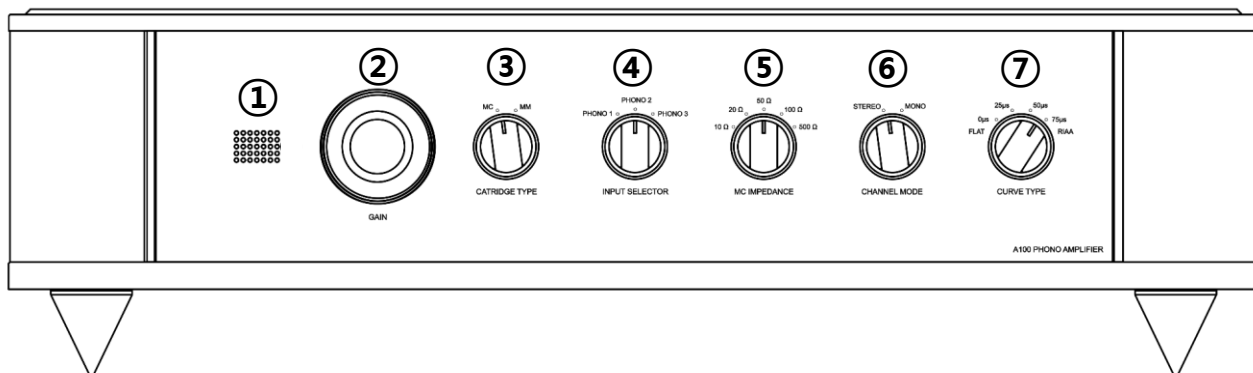
For reasons of safety, please ensure that servicing, repairs and other modifications to FJORD AUDIO equipment are carried out only by a qualified technician.

Defective fuses should also only be replaced by a qualified technician. Always replace fuses with ones of the same type and rating.

If your amplifier requires servicing, please ship or take your equipment directly to FJORD AUDIO or to one of our authorized service centers.

A100 MAIN

A100 MAIN FRONT



① **DISPLAY : (35 Dot LED)**

② **GAIN**
0 (min) ~ 64 (max), Output Level Control

③ **CATRIDGE**
MM : Used on Moving Magnetic
MC : Used on Moving Coil, Combination on MC Setup Transformer

④ **INPUT SELECTOR**
PHONO 1 ~ PHONO 3 : Choose from 3 connected Turntables

⑤ **MC IMPEDANCE**
10 Ω / 20 Ω / 50 Ω / 100 Ω / 500 Ω : Select the impedance of the cartridge
(Standard 50 Ω recommended, 500 Ω for higher impedance use)

⑥ **CHANNEL MODE**
STEREO : Use if Vinyl is Stereo, Use if Cartridge is Stereo
MONO : Use if Vinyl is Mono, Cartridge can be used in both Mono and Stereo

⑦ **CURVE TYPE**
0 μs : Flat – Acoustical Recordings (1902~1925)
25 μs : Decca frr, BBC
50 μs : HMV, Mercury, RCA Victor
75 μs : RIAA (Default) – All most the Vinly

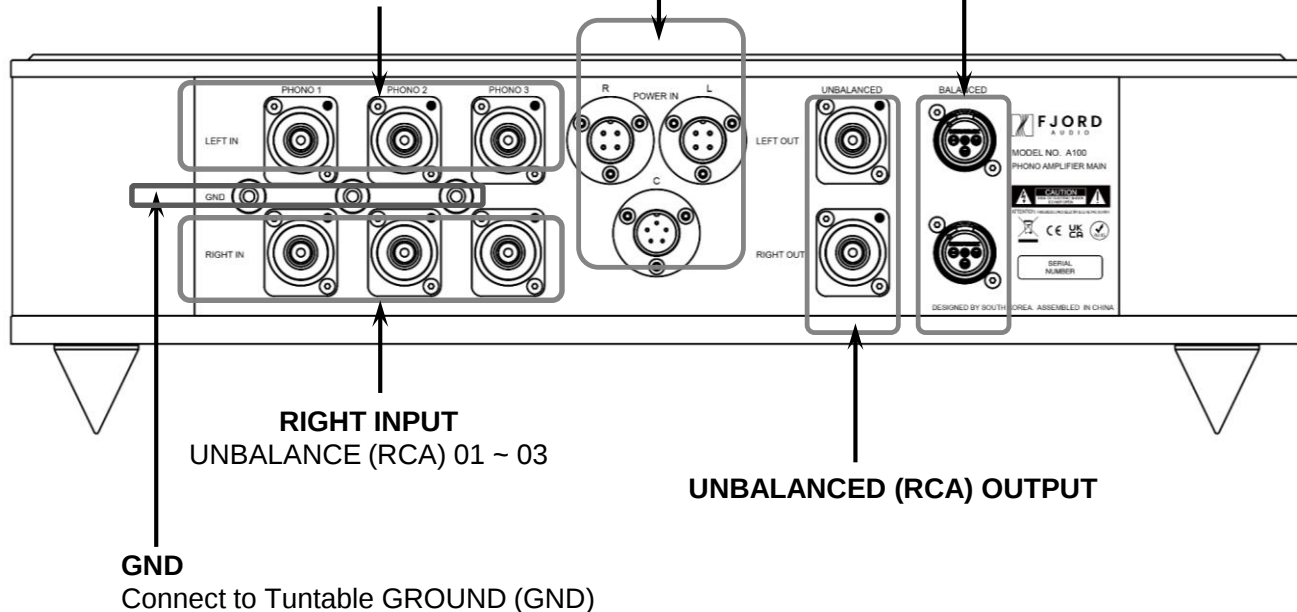
A100 MAIN

A100 MAIN REAR

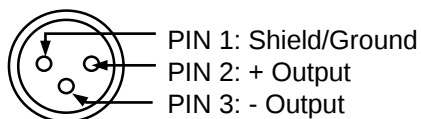
POWER IN
SEE ATTACHMENT TO
'CONNECT TO POWER CABLE'

LEFT INPUT
UNBALANCE (RCA) 01 ~ 03

BALANED (XLR) OUTPUT



XLR Connectors Below is the Pin configuration for the XLR Balanced

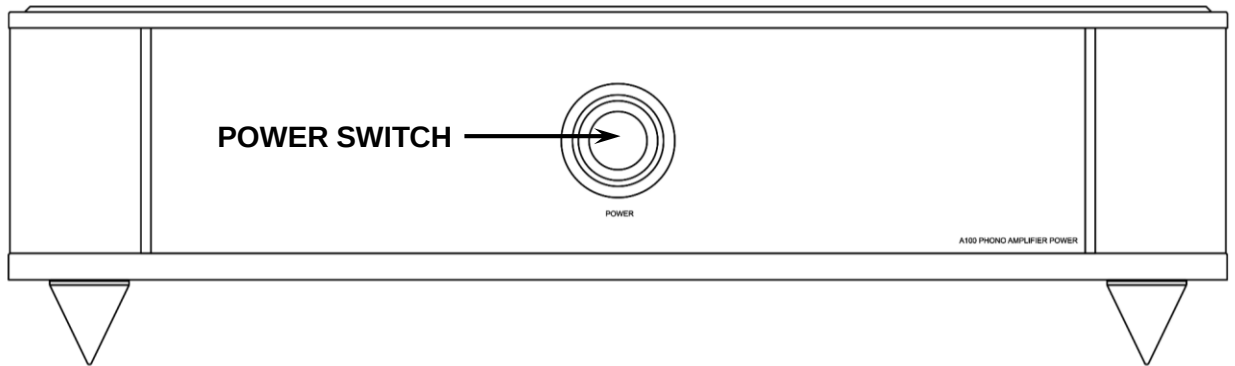


Caution!!

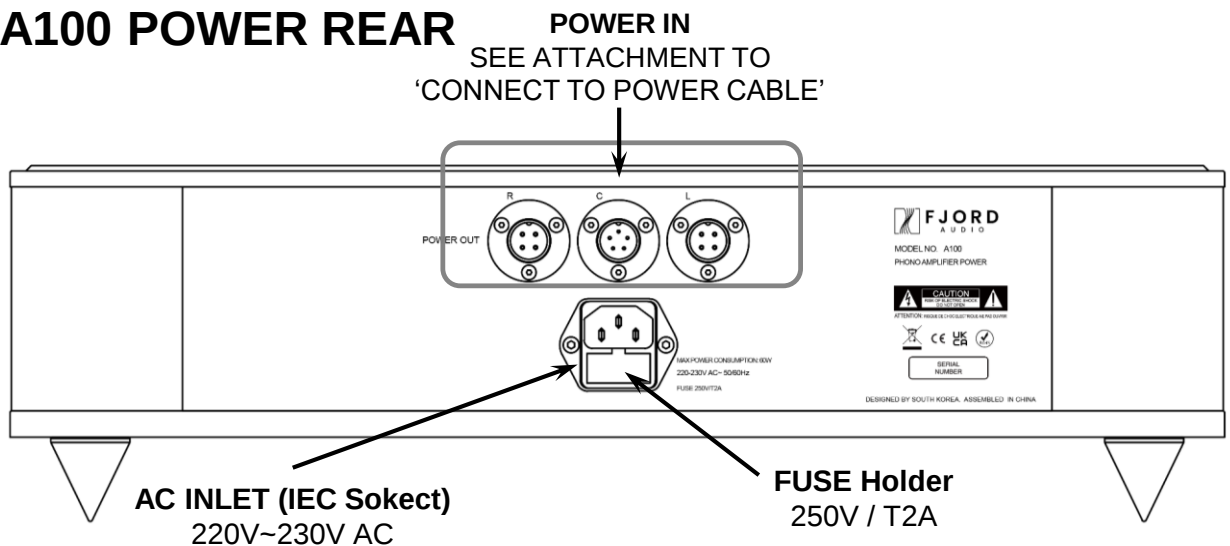
- Provides a fully balanced output through the FJORD AUDIO balanced module.
- The output is amplified twice compared to the unbalanced output.
- If the amplification is small, the preamplifier balanced input used may be an unbalanced input circuit with only XLR terminals.

A100 POWER

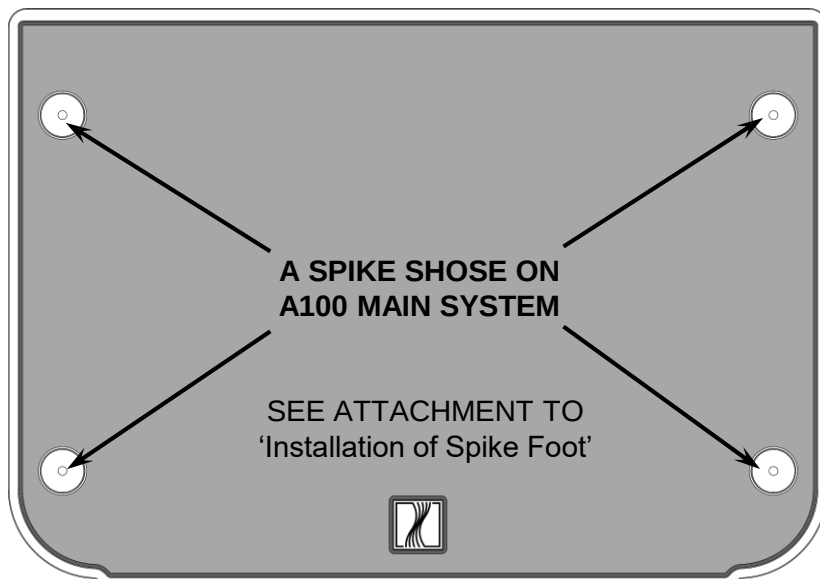
A100 POWER FRONT



A100 POWER REAR

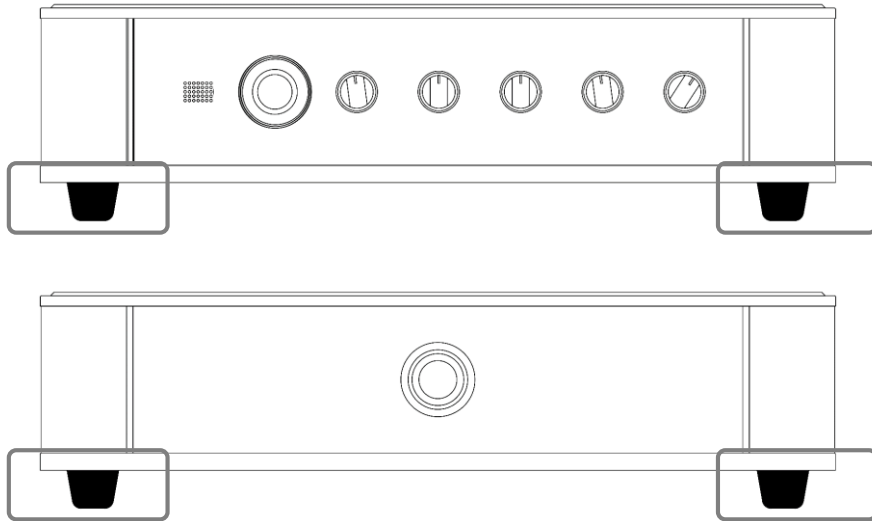


A100 POWER TOP

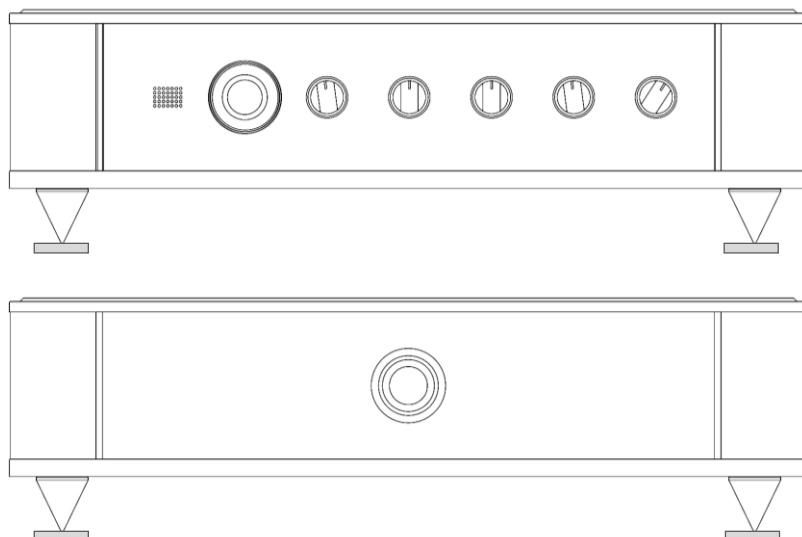
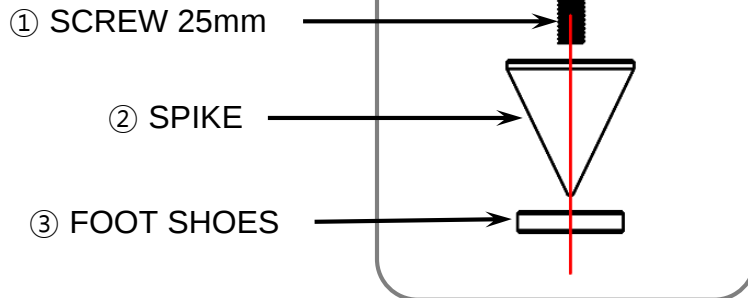


SYSTEM ACCESSORIES

Installation of Spike Foot



Remove the eight rubber feet that are installed as standard.



CONNECTIONS

CONNECT TO POWER CABLE

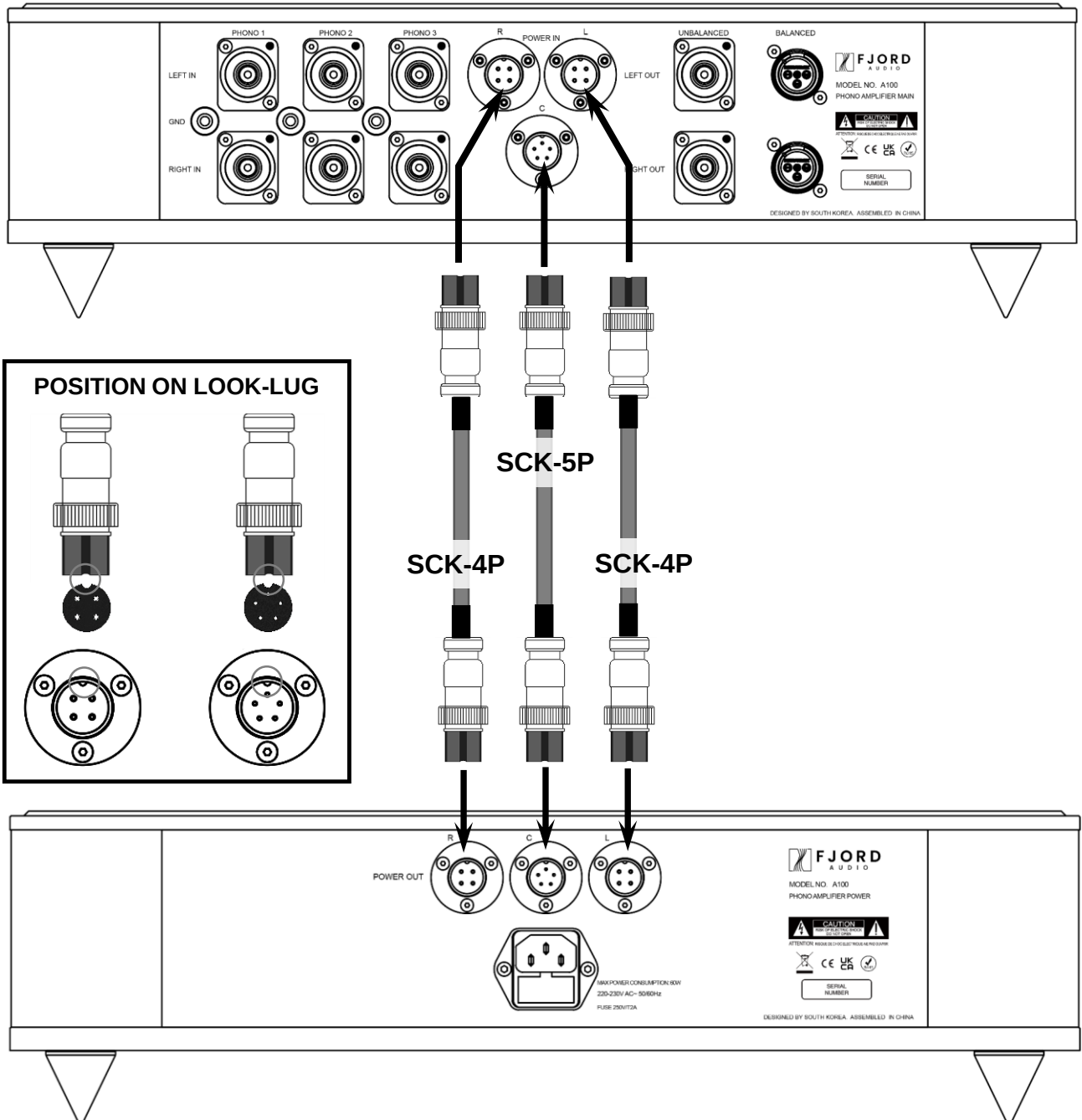
A100 PREAMPLIFIER IS SEPERATION ON POWER SUPPLY SYSTEM.

3 CHANNEL USED SEPERATION POWER CABLE.

R : RIGHT CAHNNEL - DC POWER

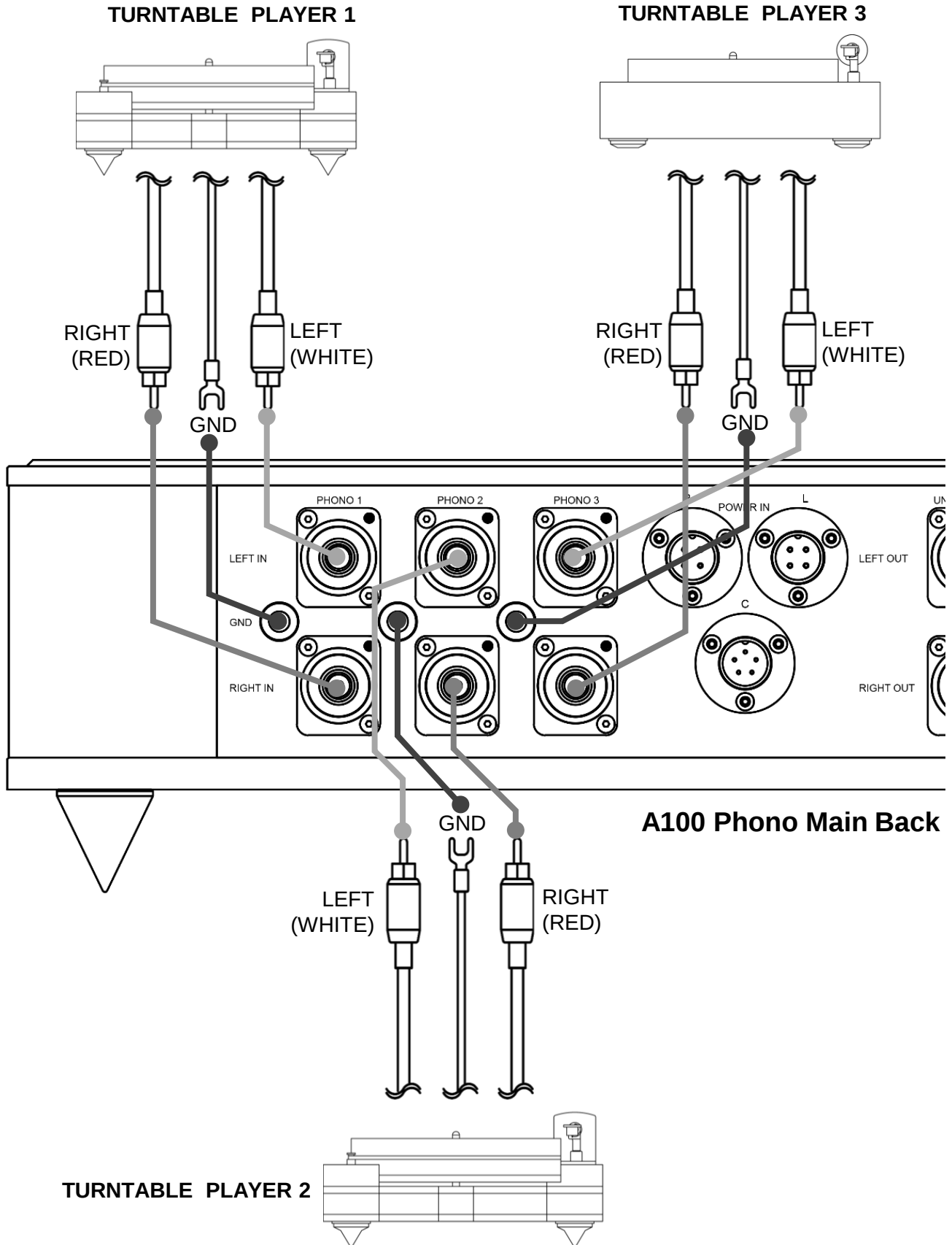
L : LEFT CAHNNEL - DC POWER

C : MODULE & DISPLAY - BALANCED MODULE, DISPLAY POWER



CONNECTIONS

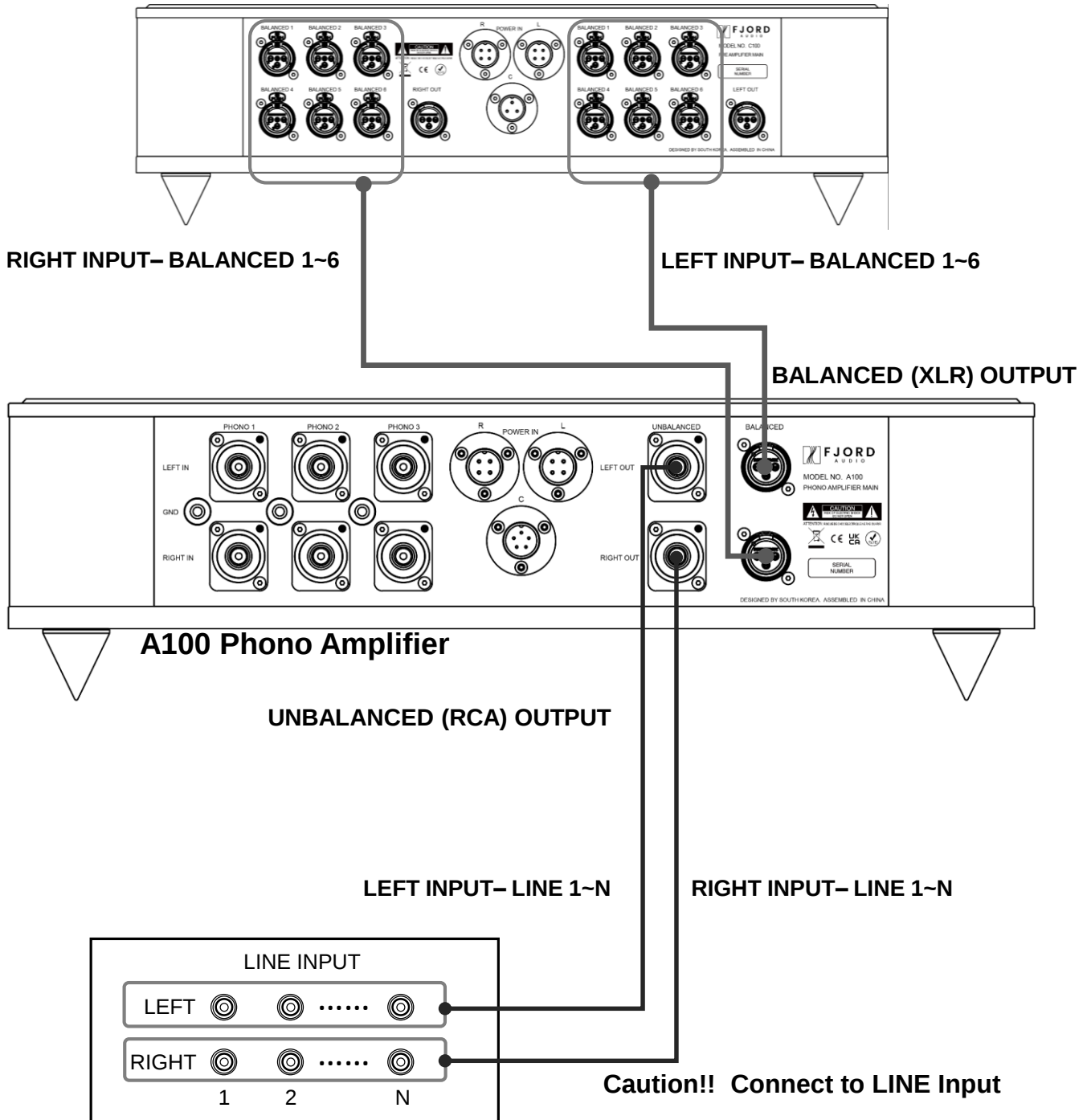
How to Connect a Turntable Player to the A100 Phono Amplifier



CONNECTIONS

How to Connect the A100 Phono Amplifier to a Pre Amplifier

C100 Pre Amp.



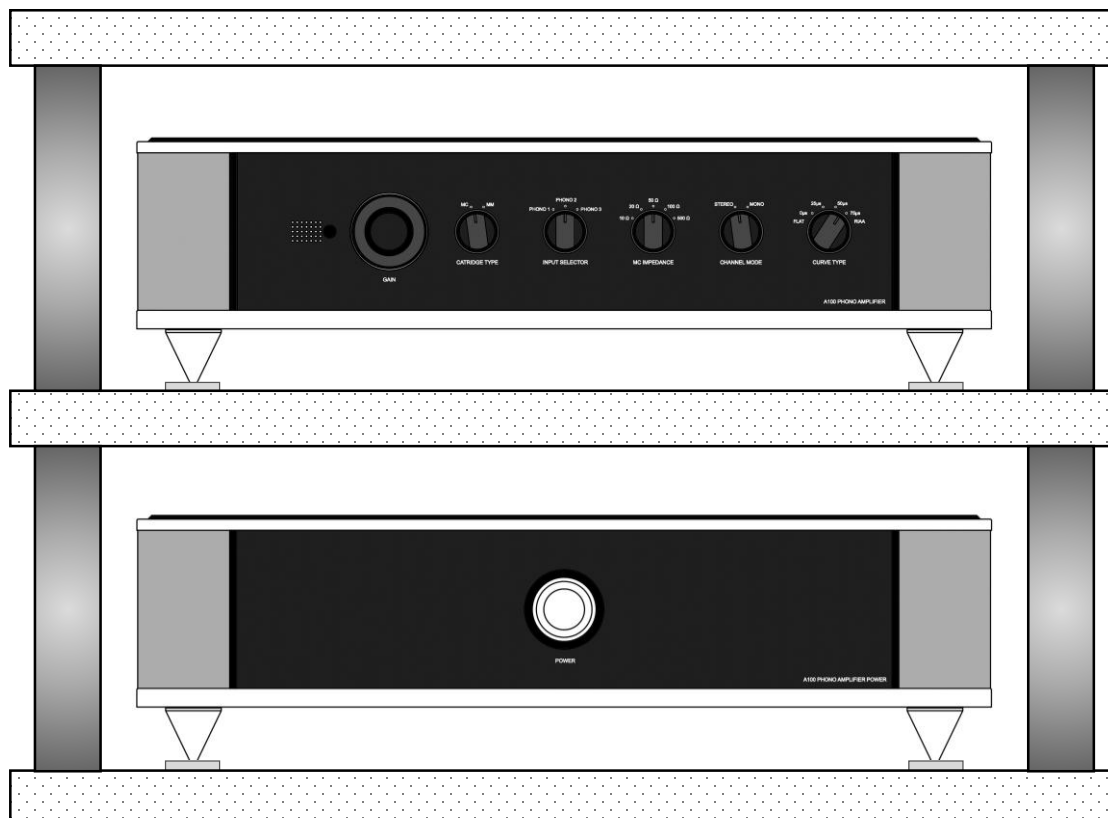
SYSTEM INSTALLATION

Installation is possible in two ways.

How to install main and power as one unit



How to install main and power separately



FJORD
AUDIO

SAFETY AND OPERATION

For stable operation, A100 maintains standby status when the power switch is turned on, and normal power is supplied after 10 seconds.

Depending on the characteristics of the vacuum tube amplifier, it is recommended to sufficiently warm up the system for at least 30 minutes before listening to the sound.

Before turning on the A100, we recommend setting the volume of '0' turning it on.

WARRANTY

TUBES

The quality of the TUBE provided by FJORD AUDIO is guaranteed for 6 months.

However, quality is not guaranteed if damage or performance deterioration occurs due to careless use.

SYSTEM (Except tube)

FJORD AUDIO's amplifier system has a 2-year quality guarantee.

However, quality is not guaranteed if damage or performance deterioration occurs due to careless use.

TECHNICAL DATA

- **Model Name : A100**
- **Circuit Type : Tube Phono EQ Amplifier**
- **Number of Channels : 2**
- **Class Type : Class A**
- **Used Tubes : 12AU7 * 2, 12AX7 * 2**
- **Curve : 0 μ s, 25 μ s, 50 μ s, 75 μ s(RIAA)**
- **Input Sensitivity : 5.5mVrms**
- **Impedance : 10 ~50 Ohm**
- **Output Impedance : 220ohm**
- **MC Setup : 26dB (1:20)**
- **T.H.D : 0.2%**
- **SNR : 92dB**
- **Frequency Response : 20Hz ~ 30kHz**
- **Power Consumption : 35 W**
- **Input : 3 × RCA (UNBALANCED)**
- **Output : 1 x XLR (BALANCED), 1 × RCA (UNBALANCED)**
- **Main AC Power in : 220VAC (210~230VAC available)**
- **Size (W x H x D)mm : Main 460 * 130 * 325, Power 460 * 130 * 325**
- **Weight : Main 13.9kg, Power 18.3kg**

MEMO

