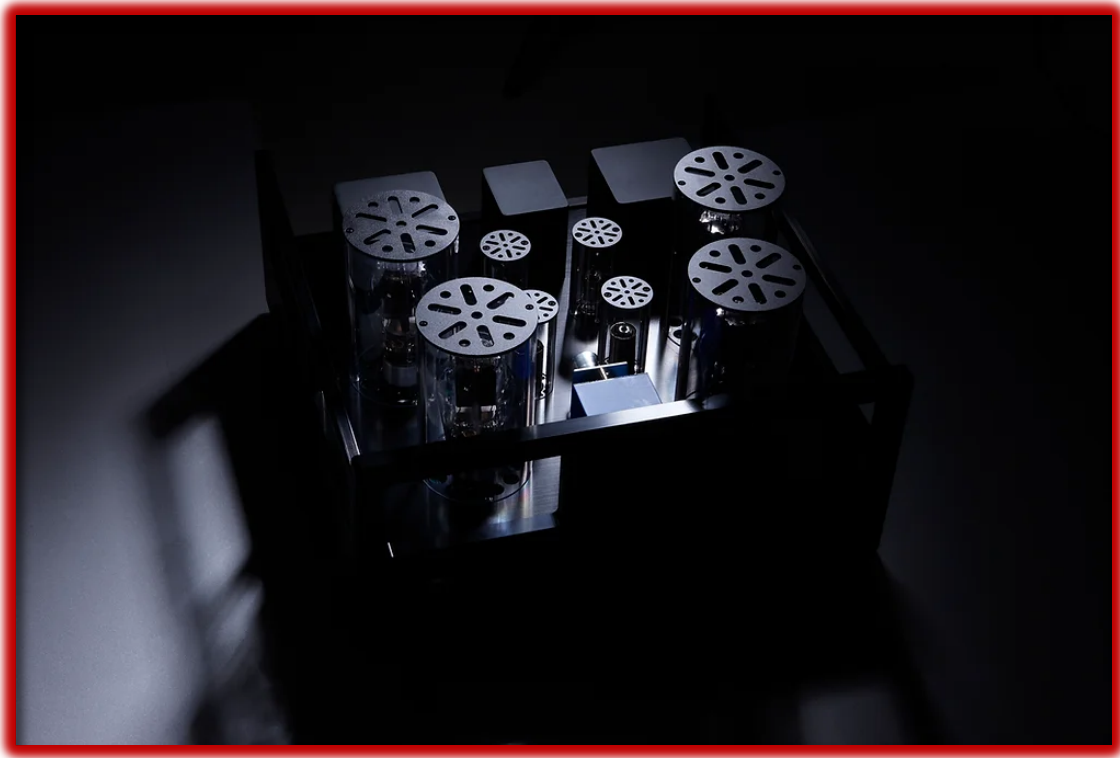




**ALLNIC AUDIO**

**L-10000 OTL/OCL *SIGNATURE*  
LINE-STAGE PREAMPLIFIER**



**OWNER'S MANUAL**

## ALLNIC AUDIO

### L-10000 OTL/OCL *SIGNATURE* LINE-STAGE PREAMPLIFIER

Thank you for purchasing the Allnic Audio L-10000 OTL/OCL (Output Transformer-Less/Output Capacitor-Less) *Signature* Line-Stage Preamplifier. We are certain your trust in Allnic Audio and its dealers worldwide, as well as your appreciation for the sound of this high-quality device, will be rewarded by its excellent operation for years to come.

***Please read this entire manual before you connect the L-10000 OTL/OCL Signature Line-Stage Preamplifier to the other components of your system and the wall outlet. Failure to follow the guidance in this manual may result in voiding the warranty.***

## **Audiomentors (Allnic Audio marketing company)**

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**\*\*\* Information and specifications for the Allnic Audio product described in this manual are subject to change without notice.**

<http://allnicaudio.com>

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Please read about **SAFETY** before you attempt to use the L-10000 OTL/OCL *Signature* Line-Stage Preamplifier - we care about our customers and the equipment, and we want you to enjoy this product for a long time!

## INTRODUCING THE L-10000 OTL/OCL *SIGNATURE* LINE-STAGE PREAMPLIFIER

***Thank you for purchasing the L-10000 OTL/OCL Signature Line-stage Preamplifier. The L-10000 is a highly sophisticated but “purist” piece of audio technology. It is intended for experienced vacuum tube audio enthusiasts who understand and have the patience to appreciate the virtues of an innovative but “no bells and whistles” approach to circuit design and the superior sonic and “vintage” characteristics of New Old Stock (NOS) tubes. The L-10000 is not a “plug, play and forget”, mass-market device aimed at the home audio market generally. Like all Allnic’s top-tier products, it is first and foremost a state-of-the-art example of “Tube Amp Done Right”. Proper care and attention, partnering with other equally high-quality equipment, and following the guidance provided in this manual will facilitate easy use and a listening experience of essentially unequalled quality for many, many years.***

Immerse yourself in the original recorded space. The L-10000 OTL/OCL *Signature* (Output Transformer-Less/Output Capacitor-Less) is a triple gain stage, remote controlled, line-stage preamplifier, without transformers or capacitors in its single-ended signal path. It uses the 300B direct-heated, single-ended triode as its directly coupled output power tubes; i.e., there are no output transformers on the single-ended (unbalanced) outputs, so the 300Bs communicate the signal directly to the connected power amplifier or amplifiers. The 300B has justly won the reputation of being a superb output tube in single-ended amplifiers, and in the L-10000 OTL/OCL *Signature* preamplifier they fully reveal their inherent accuracy and beauty.

The L-10000 OTL/OCL *Signature* preamplifier is a refined and updated version of the original L-10000 OTL/OCL. The primary differences between the *Signature* version and the original are that the *Signature* features:

- mirrored independent circuits for left and right channels for total mutual channel isolation
- the more versatile and better-sounding ECF802 in place of the 6AN8 tube in the first gain stage, and the 6211 in place of the 12AU7 for superior compatibility with the new circuit design
- a significantly reduced noise floor, with the signal to noise ration now -80dB (CCIR, 1kHz).
- a refined version Allnic’s exclusive 61 Step Constant Impedance Attenuator
- a reduction in gain to 16 dB, allowing for more range on the attenuator, ideal for digital audio while preserving the low noise floor for lower 1V output phono stages

In common circuits, output capacitors or output transformers are required to separate the AC music signal from the DC operating potential. If this is not done, the latter will destroy the power amplifier, the loudspeakers, or both. However, these two coupling devices also introduce their own influences on the transmission of the musical signal, adding their own

character (colouration), increasing distortion, and consuming small signals, all as predicted by physical efficiency theory. In addition, they also limit signal dynamics. For these reasons, the elimination of output transformers and capacitors has been considered the best solution for the design of the most accurate amplifiers. Removal of these two coupling devices from the signal path achieves the best results possible:

- No colouration of the musical signal
- Extremely detailed expression, natural harmonics and subtle musical decay
- The lowest possible distortion
- The widest musical dynamics

In the L-10000, there is no coupling device between the preamplifier and the power amplifier; that is, the final gain/output tubes are directly connected to the power amplifier. Thus, the benefits listed above are fully present in the Allnic L-10000 preamplifier.

Some circuit experts might be concerned about DC potential in the music signal in an OTL/OCL design. However, the chance of this problem occurring can be essentially and reliably 100% mitigated. To do this, Allnic uses a “floating power supply circuit”, a design that deals with the issue by not creating any DC potential in the first place, or such a small potential that it is harmless.

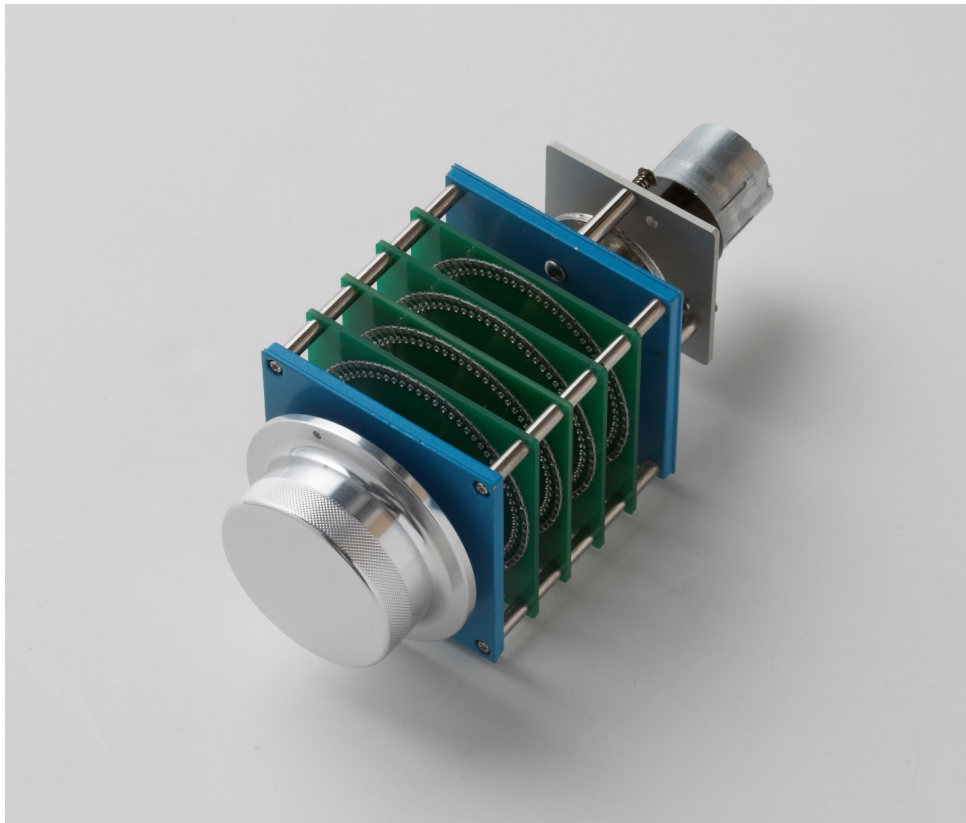
The L-10000’s OTL/OCL circuit is basically SEPP, “Single-Ended, Push-Pull”, so a “cancellation circuit” is required to adjust the balance of signal between the upper and lower power output tubes’ input grids. Allnic uses an extremely sophisticated “Active Balanced Positive and Negative Feedback Circuit”, in which the ECF802 pentode perfectly controls the circuit’s operation with extremely low distortion and incredible speed.

The L-10000 OTL/OCL *Signature* is a world-class, reference level, line-stage preamplifier. It offers unbelievably realistic, holographic sound-staging combined with incredible resolution, clarity, micro-dynamics, and drive. Instrument and vocal tones and timbres are breathtakingly lifelike, and the placement of instruments and bodies in three dimensions startling, life-size, and addictive. The L-10000 OTL/OCL *Signature* has no voice of its own, none. It is silent, except for the music emanating from the blackest of backgrounds. In addition, the stunningly realistic sonic quality is matched by the simple elegance, flexibility and ergonomic functionality of the L-10000’s casework and connection options. The L-10000 OTL/OCL *Signature* is truly a masterpiece and an Allnic Audio flagship line-stage preamplifier. Few preamplifiers can compete.

**The L-10000 OTL/OCL *Signature* has the following features:**

- Pure single-ended, Class A operation
- **61 STEP CONSTANT IMPEDANCE BRIDGED TYPE ATTENUATOR - A world’s “first of its kind” for Allnic Audio**

The L-10000 OTL/OCL does not employ a digital IC volume control or a low-cost carbon film volume control with a motor. The L-10000 OTL/OCL uses the WORLD'S FIRST 61 step, constant impedance, "bridged" type attenuator, standard on all units produced after May 2019. Allnic's new and recently refined attenuator is now the most sophisticated on the market, and we believe, without a doubt, also the absolute best sounding. With fixed impedance and no ( $\pm 0$ db) channel imbalance at any volume level, this revolutionary and currently unique, oil clutched, motorized attenuator will astound users with its elevation of the fidelity and purity of any system in which it finds a home.



***The Allnic 61 step constant impedance bridged type attenuator***

- Minimal negative feedback
- For its balanced (XLR) outputs, permalloy transformers, like those used in Allnic's transformer-coupled preamplifiers, are employed.
- As are all Allnic Audio products, the L-10000 OTL/OCL *Signature* is fully RoHS (EU Reduction of Hazardous Substances regulation) compliant in construction and materials

## WHAT'S IN THE BOX?

Please check that the shipping box contains the following:

- One (1) Allnic L-10000 OTL/OCL *Signature* Preamplifier – in natural aluminum or black, depending on your order specification
- One (1) power cord
- One (1) remote control
- Two (2) x AAA batteries for the remote control
- One (1) Owner's Manual

Note:

- 1) The L-10000 OTL/OCL *Signature* ships with the tubes installed.
- 2) The L-10000 OTL/OCL will work with most IEC type aftermarket power cords. **The Allnic ZL-3000, ZL-5000 and ZL-8000 power cables will make an excellent match. Of course, only you can determine the power cord that works most synergistically with the L-10000 OTL/OCL in your system.**
- 3) **Be sure the L-10000 OTL/OCL is labeled for the AC voltage of your location (110/120 – 60 Hz, or 220/230 – 50 Hz). If it is not, DO NOT connect the L-10000 to your AC mains. Contact your Allnic dealer.**

We advise that you keep the box and other packing materials that your L-10000 OTL/OCL came in. It will be useful if you sell your L-10000 OTL/OCL or in the unlikely event you need to ship it for service.

## SAFETY

- **Remove ALL protective cushioning material (cardboard/styrofoam around the tubes) inside the tube chimneys before operation. The tube chimneys should contain NOTHING except the tubes** (It is optional to leave the "O" rings, if any, on the small tubes; some prefer the sound with the O rings on).
- **DO NOT leave the L-10000 OTL/OCL turned on for extended periods of time – NEVER 24/7, even for (an unnecessary) "break-in" period. This will greatly increase the likelihood of premature tube and/or internal failures. Power on the unit and let it warm up for some minutes; then, when finished a listening session, do a complete power off.**
- Disconnect the power cord by pulling the plug, not the cable.
- Keep the power cord away from any heat source.
- Keep the unit away from liquids – do not allow any liquid to enter the interior of the unit.
- When the unit is moved from a cold to a warm environment, allow sufficient time for any condensation to evaporate before plugging the unit into an AC connection.
- Do not attempt any repairs.
- Do not remove the chassis cover without specific authorization from your Allnic dealer.
- See the notes on "Location, Location, Location".

## CLEANING

### A. Chassis and glass

Use only a soft, lint-free cloth dampened slightly with water only (NO cleaning fluids!) to clean the faceplate, meter glass and chassis.

### B. Connectors

You may use any good quality contact cleaner recommended for such applications to clean the contacts from time to time as you deem appropriate.

## INITIAL SET-UP

### A. LOCATION, LOCATION, LOCATION

Like all audio products using tubes, the Allnic Audio L-10000 OTL/OCL needs to be placed on a solid stand in a location that provides for good air circulation around the preamplifier.

- **DO NOT cover the top of the L-10000 OTL/OCL or the tube chimneys. Make sure the unit is in a place with good ventilation. The L-10000 is about 280mm (11 inches) tall and requires at least 100mm (~ 4 inches) clearance for good air flow above it.**
- DO NOT place the unit on carpet or foam.
- DO NOT subject the unit to knocks and shocks as you move it around. This advice is meant particularly for those who may want to place the L-10000 on some kind of after-market isolation feet or similar devices. Dropping the L-10000 may void the warranty.
- DO NOT place the unit near a strong light or heat source.
- DO NOT place anything heavy on the unit.
- DO NOT allow rubber or vinyl materials to rest on the unit's chassis for long periods of time. This could discolour the metal.
- DO place the unit on a shelf or stand that is stable and not subject to vibration or sudden shock.
- DO consider using a high quality power cord and interconnects, both inputs and outputs. The L-10000 OTL/OCL is a highly sensitive piece of electronic equipment designed for neutrality and will output what you put into it. **Allnic's Zero Loss Technology power cables and MU metal shielded interconnects will work synergistically with the L-10000 OTL/OCL.**
- DO try to place the L-10000 OTL/OCL away from major sources of RFI and EMI; though well shielded, the L-10000 OTL/OCL will function best away from large power transformers and other sources of such interference.



## B. POWER CONNECTION

The L-10000 OTL/OCL uses a standard three prong male 15 amp IEC connection for AC input. You need to use a power cord with a female three prong 15 amp IEC connector at one end.

To the left of the IEC connector (facing the left side of the unit as in Figure 1), there is a power on-off switch. Leave this switch in the OFF position – that means the switch is pressed “down” at the bottom - while you make all initial connections.

The L-10000 OTL/OCL you have purchased is set internally for AC 110/120 volt – 60 HZ, or 220/230 volt – 50 Hz operation. There is no way to change this to another AC setting without return of the unit to the factory for re-wiring, at the owner’s cost, including transport both directions.

## C. INPUTS

There are five (5) inputs. Lines 1, 2 and 3 are balanced connections (XLR type connectors). The remaining two (2) line inputs are RCA type, single-ended connections. None of the inputs is intended especially for connection to any particular device.

NO PHONO STAGE - The L-10000 OTL/OCL is a line-stage preamplifier and does NOT have a built-in phono preamplifier section. You will need a phono preamplifier if you want to use a turntable with the L-10000 OTL/OCL. You can connect your phono preamplifier to any of the five inputs, provided you have the appropriate types of connections or adaptors.

**The L-10000 OTL/OCL has been designed and manufactured to work most synergistically with Allnic Audio phono preamplifiers, pre-preamplifiers, equalization and power amplification products, and ZL Technology cables.**

## D. OUTPUTS

The L-10000 OTL/OCL has three pairs of outputs. Two (2) pairs are single-ended unbalanced, using RCA type connectors; one (1) output pair is balanced (i.e., separate ground), using XLR connectors (see Figure 2). Only the two pairs of RCA unbalanced connectors are directly coupled to the 300B output stage, so only the two RCA output pairs are "pure" OTL/OCL. The balanced XLR output connectors are coupled to a pair of permalloy output transformers. We recommend trying both as you might prefer one over the other.

You may use the balanced and single-ended RCA outputs at the same time; for example, if you run one pair to your stereo amplifier and the other pair, or pairs, to a powered subwoofer or a pair of them.

## E. REMOTE CONTROL

The remote control provides the ability to remotely:

- Select the line source input using either the numbered selector buttons (1 to 5) or the channel up/down arrow buttons (Please see Figure 3).
- Control the volume level using the right (louder) and left (quieter) arrow buttons adjacent to the channel arrow buttons.
- Mute the volume using the button labeled “MUTE”. To raise the volume again after muting, press the Mute button to take the volume level to where it was prior to muting. In Mute mode, the light above the “operate” button on the front panel of the L-10000 OTL/OCL will not be illuminated; it will illuminate when the L-10000 OTL/OCL is unmuted again.
- Use the red power on/off button in the top left-hand corner of the remote control to power the L-10000 OTL/OCL on and off.

## INITIAL POWER-ON

Once you have your L-10000 OTL/OCL in place and all connections have been made to your sources and amplifier(s) and the power cord is installed and plugged into an AC receptacle, you are ready to turn on the power for your L-10000 OTL/OCL. Before you power up the L-10000 OTL/OCL, though, be sure you have:

- **Remove ALL protective cushioning material (cardboard/styrofoam around the tubes) inside the tube chimneys before operation. The tube chimneys should contain NOTHING except the tubes** (It is optional to leave the “O” rings, if any, on the small tubes; some prefer the sound with the O rings on).
- **ensured the batteries are in the remote control – if not, insert the batteries (by removing the plate on the bottom of the remote control).**
- turned the volume down on, or muted the L-10000 OTL/OCL
- checked that all your connections are properly mapped and snug

Also, be sure you have manually turned the volume control on the front panel to the extreme counter-clockwise position (minimum volume).

Push the power on-off switch to the left of the IEC connector (facing the left side of the unit as in Figure 1) so it is in the “on position”. That will power up the L-10000 OTL/OCL. From this point on, you need only use the far left hand button marked “power” on the front panel or the power button on the remote control to turn the L-10000 OTL/OCL on and off.

Once the power has been turned on, the following will happen on the front panel (Please see Figure 4):

- the light above the “power” button will illuminate
- the meters on the front panel will illuminate
- the light over the line source button that is depressed will illuminate

- after about 40 seconds, the light over the “operate” button will illuminate. The L-10000 OTL/OCL has a “soft start” delay for the tubes in order to extend tube life.

**As noted above under “Safety”, DO NOT leave the L-10000 OTL/OCL turned on for extended periods of time – NEVER 24/7, even for (an unnecessary) “break-in” period. This will greatly increase the likelihood of premature tube failure and, potentially, damage to internal components. Power on the unit and let it warm up for some minutes; then, when finished a listening session, do a complete power off.**

The L-10000 OTL/OCL is given “break-in” time at the factory. No special break-in time is required at home. As with all electronics, the L-10000 will likely improve over time with normal listening session use. Of course, as is well-known with any vacuum tube equipment, sound may degrade over time as the tubes decline in linearity toward the end of their life.

### **FINAL/3<sup>rd</sup> GAIN STAGE BALANCING USING THE CURRENT METERS**

There is one DC balance meter for each channel on the front of the L-10000 (See Figure 4). These meters indicate the potential for DC from the output of the third gain stage tubes in the L-10000 OTL/OCL, the 300Bs.

The needles of the meters should be between 10 o’clock and 2 o’clock. However, because of the floating power supply circuit, even if a needle falls to the extreme left or right of a meter, there is no danger to the connected amplifier or speakers because any possible DC leakage will be so small it cannot do any damage; in fact, it can hardly even be measured.

Initially, and from time to time as may be necessary (this should be very infrequently, if ever, for example, when replacing a 300B tube), the meters are used to roughly balance the 300B third gain stage tubes for DC control in both channels.

Using a small, flat blade screwdriver, turn the screw head located immediately above each of the meters on the L-10000’s face (see Figure 4) clockwise and counter-clockwise until the needles of both meters are between 10 o’clock and 2 o’clock. It is not necessary for the needles to be between the two lines in the centre of the meter. It is also not necessary for the meters to be exactly in exactly the same location; anywhere between 10 o’clock and 2 o’clock is fine.

**Please be patient;** it could take some time to get an approximate balance, but once set, it should rarely, if ever, move.

The Allnic Audio L-10000 OTL/OCL is now ready for operation. At this point, you can power on your sources and, finally, your stereo power amplifier or mono-blocks.

## **OPERATION**

From this point on, operation is straight-forward. All functions are controlled from the front panel or the remote control. Of course, BE CAREFUL about differences in gain between your sources. Generally, disc players and tuners will have greater gain than phono stages. That means the volume setting for listening to your turntable might be too high for listening to digital disks or streaming devices.

To avoid surges to the speakers, it is best to change from input to input only with the “operate” button set to mute (the light above the button will not be illuminated when the button is in the “mute” position).

When you are finished listening, turn off your stereo power amplifier or mono-block amplifiers. Then turn off the L-10000 OTL/OCL by depressing the power button on the front panel. The power switch on the left side panel should stay in the “on” position – this will keep key circuitry warm, and your L-10000 OTL/OCL will be ready to play when the soft-start turns on the L-10000 OTL/OCL next time you want to listen. Turn off your sources last.

## **DC BALANCE METERS**

The illuminated meters on the L-10000’s front panel indicate the DC balance status of the 300B output tubes for each channel. The needles of both meters should be in about the same position between the two lines in the center of each meter. Some drift will likely occur after initial purchase of a new unit. This will settle in 20-50 hours of play time. If balancing must be done, use a small, flat-bladed screwdriver to adjust the potentiometer for the affected meter(s). The potentiometers are plastic, slotted buttons recessed in the two small holes located on the top panel between the two 300B output tubes for each channel (see Figure 5).

Adjusting one channel’s meter influences the meter for the other: a slight increase of one results in a slight decrease in the other meter and vice-versa. Use small incremental adjustments with a minute between to allow the meters to settle. If the meters remain difficult to balance, please turn each potentiometer counter clockwise to its limit. Then, with small incremental adjustments, alternating between channels with time for the meters to settle, repeat the process to bring the needles of both meters within the two lines in the center of each meter. If the meters drift completely out from between the two lines in the center of a meter, you may hear a small pop or click when muting and unmuting the amplifier. This will not damage a headphone, amplifier or speakers.

If a meter will not balance, please contact your Allnic dealer for assistance.

## **TUBES**

The L-10000 OTL/OCL uses the following tubes (see Figure 5):

- Two (2) x ECF802
- Two (2) x 6211
- Four (4) x 300B

*As experienced users of vacuum tube equipment know, any tube can be carefully machine tested and selected and re-tested under real use conditions at the factory but still fail early. Because of their age, vintage tubes can be fragile and more prone to fail prematurely in use despite intensive testing. Included NOS tubes are guaranteed for the time and per the conditions in the Warranty section below. It may take shipping time, however, to transport replacements to you. As many experienced users do, you may want to acquire at your own cost and risk a set of back-up replacement tubes to have on hand for immediate use “just in case”.*

## TROUBLESHOOTING TUBES

If your L-10000 OTL/OCL loses audio output completely on a channel or reduced audio output on a channel, it could indicate tube failure. If you have access to a properly functioning tube tester that can test the L-10000’s tubes, you can use it to determine which tube(s) failed, always **POWERING OFF** the L-10000 before removing a tube. If you do not have access to an appropriate tube tester, you can identify the failed tube(s) for replacement by following the procedures below.

If audio output is completely lost on a channel but the balance meters are unaffected, it could mean failure of an ECF802 or 6211 tube.

- First, **POWER OFF** the L-10000 then swap the left and right channel ECF802s. Power on the L-10000 again. If there is no change, repeat the process with the 6211 tubes, being sure to **POWER OFF** the L-10000 before removing a tube. In either case, if swapping the tubes restores output on the affected channel, replace the failed tube with a new tube to restore operation.

If your L-10000 exhibits reduced audio output on a channel, or if a needle falls to the extreme left or right of one or both meters and will not return to balance on powering off/on, it could indicate failure of a 300B tube or tubes. Try switching the front 300B tube of the channel showing the drop for the rear one. If that doesn’t help, try switching the 300Bs from one channel to the other. If that still does not resolve the situation, one or both 300B tubes in the affected channel may need to be replaced.

- First, **POWER OFF** the L-10000 and replace **one 300B tube at a time** with a good 300B until you find the 300B(s) that failed. Remember to **POWER OFF** the L-10000 each time you are going to change a tube. When the balance meter needle(s) move up from where they have fallen, you have identified the failed 300B tube(s). Replace the tube(s) with a new one. You will likely need to rebalance the meters following the instructions in the “DC Balance Meters” section above.

Allnic Audio and its authorized representatives make no representations nor any warranty regarding the quality of tubes obtained from third parties and are not responsible for any issues or losses relating thereto. All consequences of changing or attempting to change tubes are borne by the user unless by express agreement between the owner and the owner’s Allnic dealer. Allnic Audio and its authorized representatives are not liable in any way whatsoever for any damage to

the L-10000 OTL/OCL *Signature* or any injury or loss incurred by the user resulting from the user changing or attempting to change tubes.

## SPECIFICATIONS

### FOR THE ALLNIC AUDIO L-10000 OTL/OCL *SIGNATURE* LINE-STAGE PREAMPLIFIER

- Inputs: Line level × 5 pairs:  
Balanced (XLR) × 3  
Unbalanced (RCA) × 2
- Outputs: 3 pairs:  
Unbalanced (RCA) × 2 pairs  
Balanced (XLR) × 1 pair
- Input Impedance: 10kΩ Balanced/Unbalanced
- Frequency Range: 5Hz to 100kHz
- Voltage Gain: +16dB
- THD (1kHz): Less than 0.03% (1kHz, 1V RMS)
- S/N Ratio: -80dB (CCIR, 1kHz)
- Maximum Output: 20V RMS (Non-clipping)
- Output Impedance: 200Ω Constant
- Power Consumption: 120W at 110/120V (60 Hz)  
120W at 220/230V (50 Hz)
- Tubes: ECF802 x 2 (equivalent to 6JW8) First gain stage.  
6211 x 2 (equivalent to E80CC and 6085 – 12BH7 may also be used. 12AU7 and variants - e.g., 5814 - may cause hum and are not recommended).  
Second gain stage.  
300B x 4 (no equivalent – contact your dealer for recommendations). Third gain stage.

- Fuse: 5A 250V – 5x20mm Slow-Blow for 110/120V regions  
3A 250V – 5x20mm Slow-Blow for 230/240V regions  
**WARNING. Note that the fuse above the IEC inlet may be misprinted. Notwithstanding what may be printed above the IEC inlet, the correct rating for the fuse is 5A 250V for 110/120V regions and 3A 250V for 230/240V regions.**
- Tube chimney screws: 2mm Allen head
- Dimensions: 430mm (16.95 inches) (W)  
450mm (17.717 inches) including handles (D)  
280mm (11.0236 inches) (H)
- Weight: 22 kg (48.4 lbs) unpacked.  
27 kg. (59.5 lbs) packed in original shipping material

## **WARRANTY**

***FOR WARRANTY SERVICE, PLEASE CONTACT YOUR AUTHORIZED ALLNIC DEALER.***

Except for the tubes, this Allnic Audio product is warranted against materials and manufacturing defects only for two (2) years from date of purchase. The tubes in this product are warranted against materials and manufacturing defects only for six (6) months from date of purchase. Date of purchase is the date indicated on the invoice issued by Allnic Audio or its authorized representative for original purchase of the new product. The warranty does not cover any damage occurring during product shipment at any time, nor any damage occurring as a result of any of this product's owner's or owners' negligence or willful mistreatment. Failure to operate or care for this product in accordance with instructions in this manual will be deemed negligent. For the warranty to be valid, this product must be returned first to Allnic Audio's authorized representative for warranty service prior to any unauthorized attempt to repair or modify it. Any repair done to or modification of this Allnic Audio product at any time performed without specific authorization from Allnic Audio or its authorized representative will void the warranty. Allnic Audio and its authorized representatives shall be the sole determiners of whether the warranty has been voided. Provided that the warranty has not been voided, the warranty is transferable for the balance of the original purchaser's warranty period.

The warranty covers parts and labour only. If required for warranty service, shipping of this product to and return to product owner from an authorized Allnic representative will be at product owner's sole cost. In the case of required factory warranty service, shipping to Korea shall be at product owner's sole cost. Provided that Allnic has determined that the warranty is not void, Allnic will pay the cost of return shipping to product owner. If Allnic determines that the warranty is void, return shipping to product owner will be at product owner's sole cost.

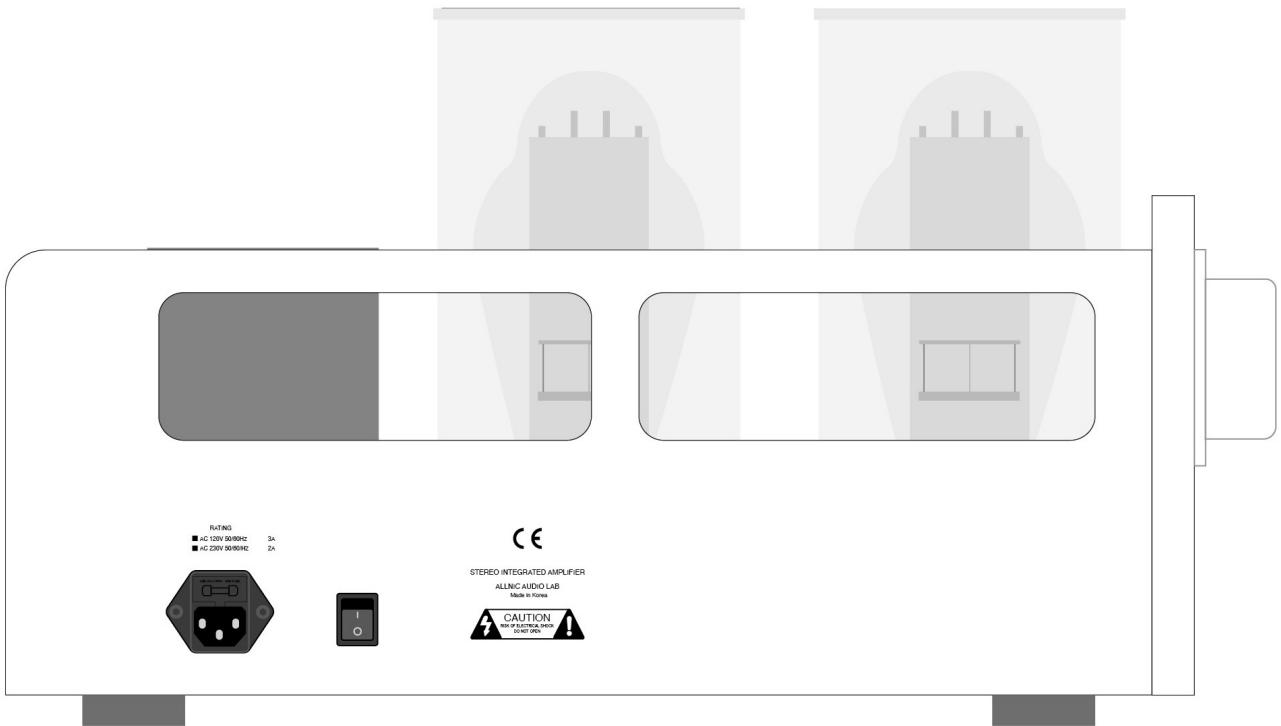
After expiry of the applicable warranty period or if the warranty is void, Allnic Audio and its authorized representatives are not responsible for nor obligated in any manner whatsoever to undertake, or to cover or reimburse the costs of any repairs or modifications to this product.

The warranty does not cover and Allnic Audio and its authorized representatives are not responsible for any incidental costs or damages to the person or property of original purchaser, any subsequent owner of this product, or any third party occurring as a result of any malfunction or misuse of this product however and whenever caused.



## FIGURES

Figure 1 – L-10000 OTL/OCL Left Side Panel View



**WARNING.** Note that the fuse above the IEC inlet may be misprinted, as seen in the drawing above. Notwithstanding what may be printed above the IEC inlet, the correct rating for the fuse is 5A 250V for 110/120V regions and 3A 250V for 230/240V regions. Please see the Specifications section.

Figure 2 – L-10000 OTL/OCL Rear Panel View

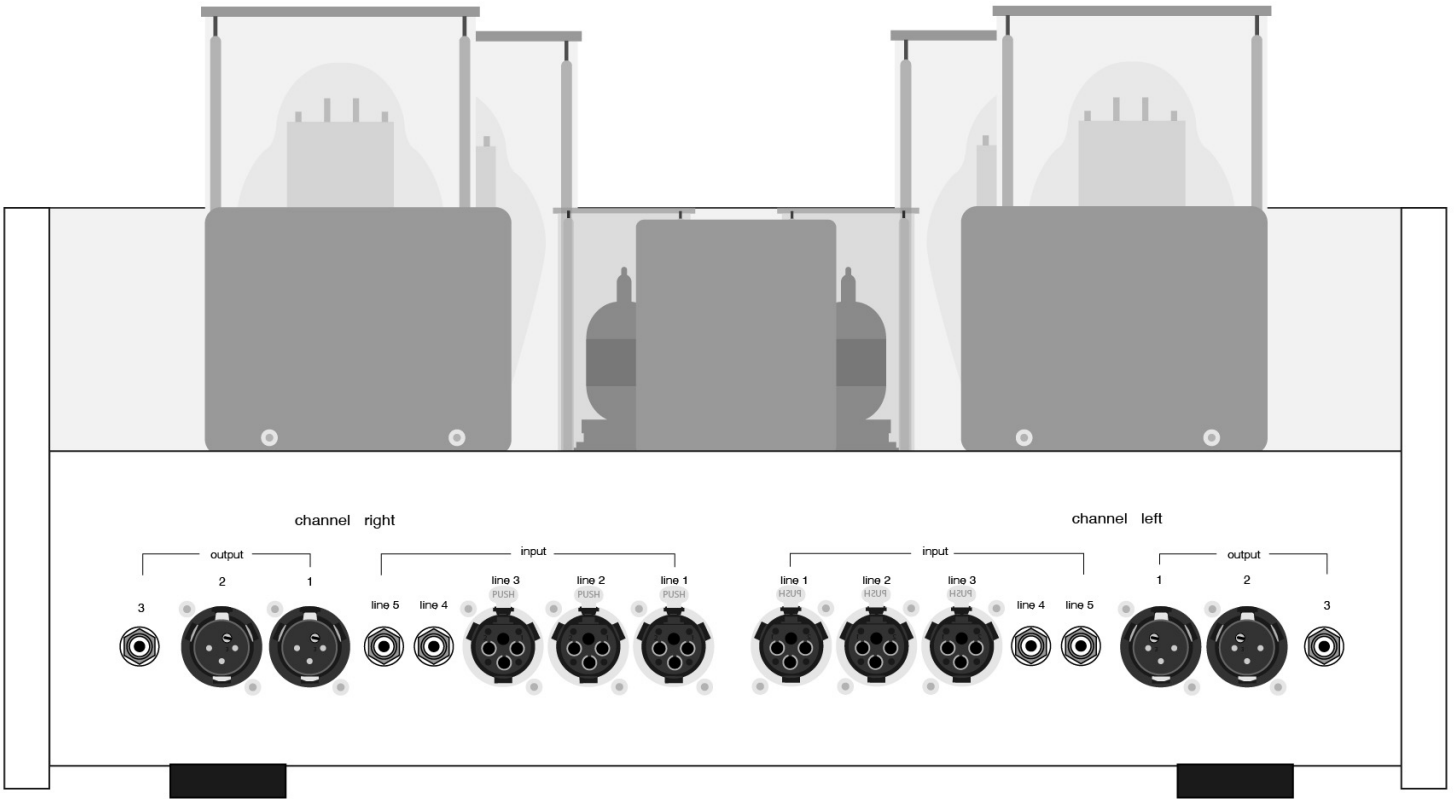


Figure 3 – L-10000 OTL/OCL Remote Control

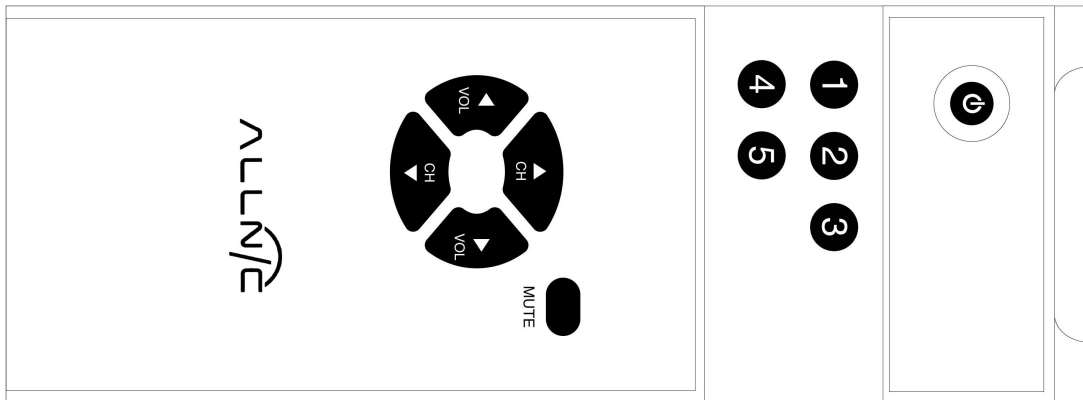


Figure 4 – L-10000 OTL/OCL Front Panel View

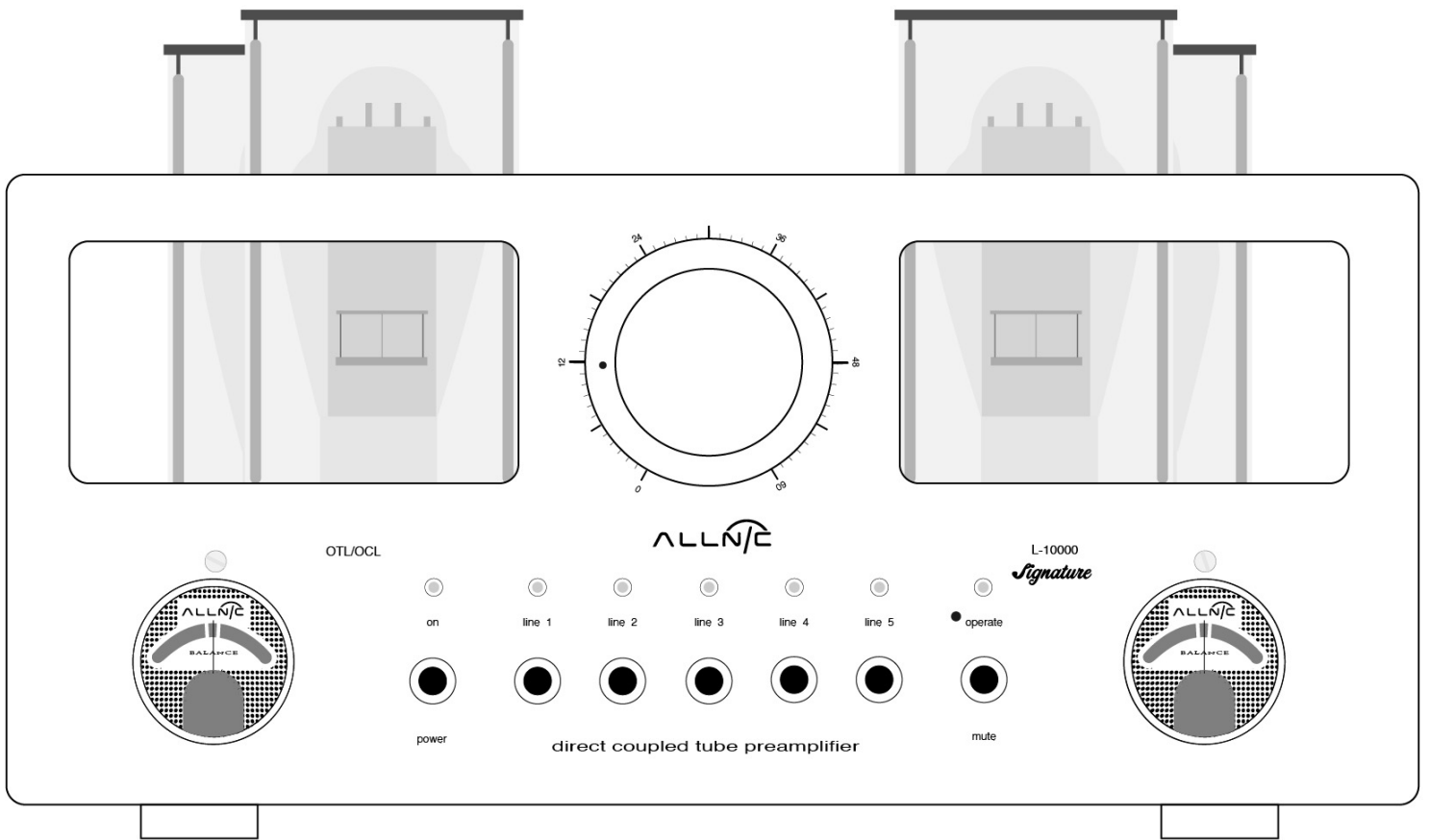


Figure 5 – L-10000 OTL/OCL Top View

