

Ommne

WestminsterLab 
Operational Manual

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| Note to customers, music lovers

Thank you for purchasing the Omne integrated amplifier.

Wholeheartedly and sincerely built in Hong Kong, the Omne crystallizes craftsmanship, skills, simplicity, science and listening experiences into unity.

It is dedicated to every music lover who would like to experience music as it is.
Or further, experience music itself.

Sincerely,
WestminsterLab Team

2 Cautions

- I. NO USER SERVICEABLE PARTS INSIDE. Contact WestminsterLab or your dealer if you have service needs.
- II. Do not remove or undo any screws when the unit is still power on or connected to the mains.
- III. WARNING! Do not expose this pre-amplifier to moisture or excessive humidity, and do not use it outdoors. Fire hazard may be resulted.
- IV. Presence of uninsulated “dangerous voltage” within the product’s enclosure may be of sufficient magnitude to constitute a risk of electrical shock to persons.

3 Unpacking & Package contents

Your Omne integrated amplifier should come in one single box. The unit itself and the box should have a matching serial number. In case of discrepancies, please contact your dealer.

Unpacking the Omne from the box

Please lift the Omne with meticulous care for the unit is about 32kg. It is recommended to move it to a location near the place where it will be installed when the unit is still in its box. Remove all jewellery including watches, rings and belts to avoid damages to the exterior of the Quest during the removal and installation.

Open the box right side up. Remove the welcome letter and the quick start guide will reveal two handles. Lift the handles on each side together and lift the Omne together with the foam onto a flat surface. Remove the foam on both side of the unit. Please always move the Omne from the bottom of the unit as the fabric cover cannot support the weight of the unit.

If any of the following items are missing, please contact your dealer:

- I. 1 Omne integrated amplifier
- II. 1 User manual
- III. 2 Remote controls
- IV. 2 CR2032 Battery with Torx tool

4 Installation

Installation and precautions

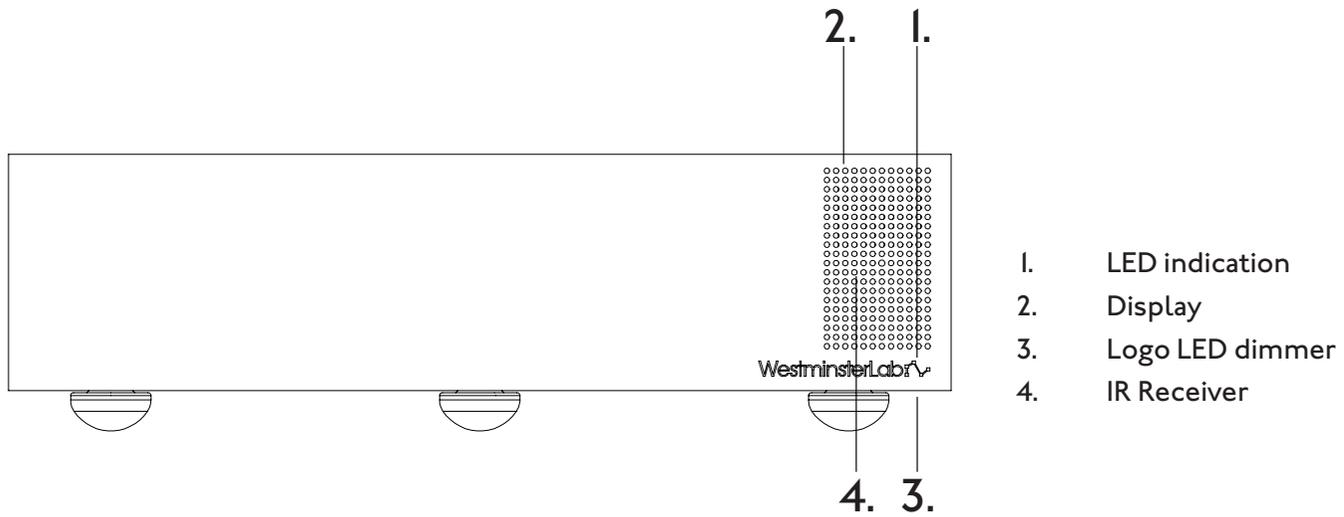
Before any installation or connection, it is a MUST to make sure the AC mains voltage matches the specification of the unit. (E.g. 100V for Japan, 110V for US, 230V for UK) The AC mains voltage specification & serial number of the specific unit are written on the plaque located at the back and the box that it came from.

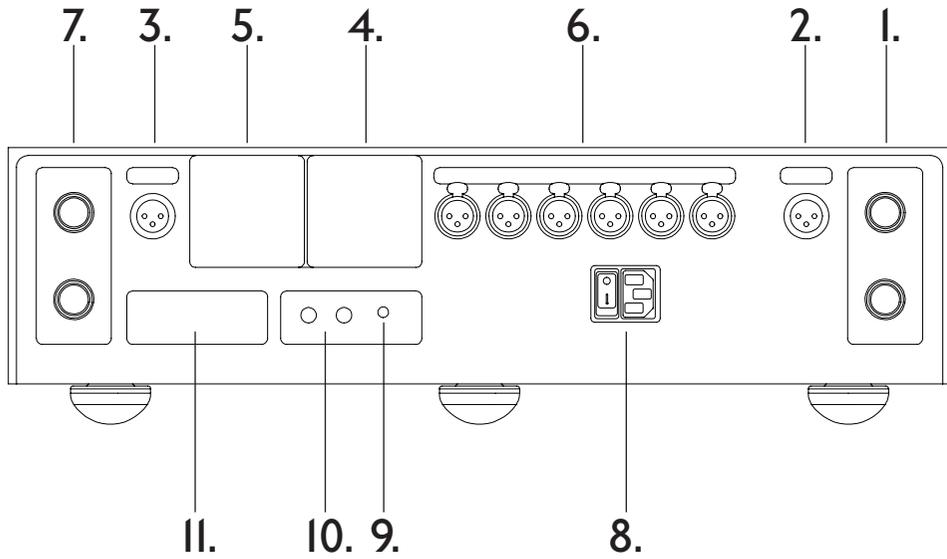
Improper input of the AC mains voltage will permanently damage the unit and it is not within the warranty conditions.

WARNING! NEVER unplug any cables during operation. It may cause failure or damage to the unit and speakers. Be sure that the Omne is switched off before unplugging any cables. It is even safer to unplug the AC power cord before unplugging other cables.

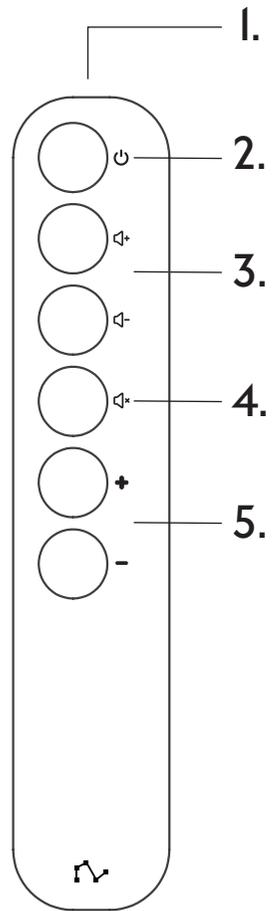
It is suggested that there is adequate ventilation for the Omne and to place it on a stable and safe surface.

5 Name of parts





1. Speaker Output (Left Channel)
2. XLR Pre-out socket (Left Channel)
3. XLR Pre-out socket (Right Channel)
4. Option Bay 1 (Input 4)
5. Option Bay 2 (Input 5)
6. XLR inputs (Input 1-3)
7. Speaker Output (Right Channel)
8. AC inlet
9. Stand-by LED
10. 12V trigger output (Optional)
11. Unit serial & Voltage specification



1. IR Port
2. Power On/Off Switch
3. Volume Control
4. Mute/Unmute
5. Input Selection

6 Setting up

Remove the protective fabric cover and place the main unit on the desired operating location. The Omne is a Class A integrated amplifier, the heatsink is located near the front panel, please leave ample of space above the unit and the front panel will be warm to touch during normal operation.

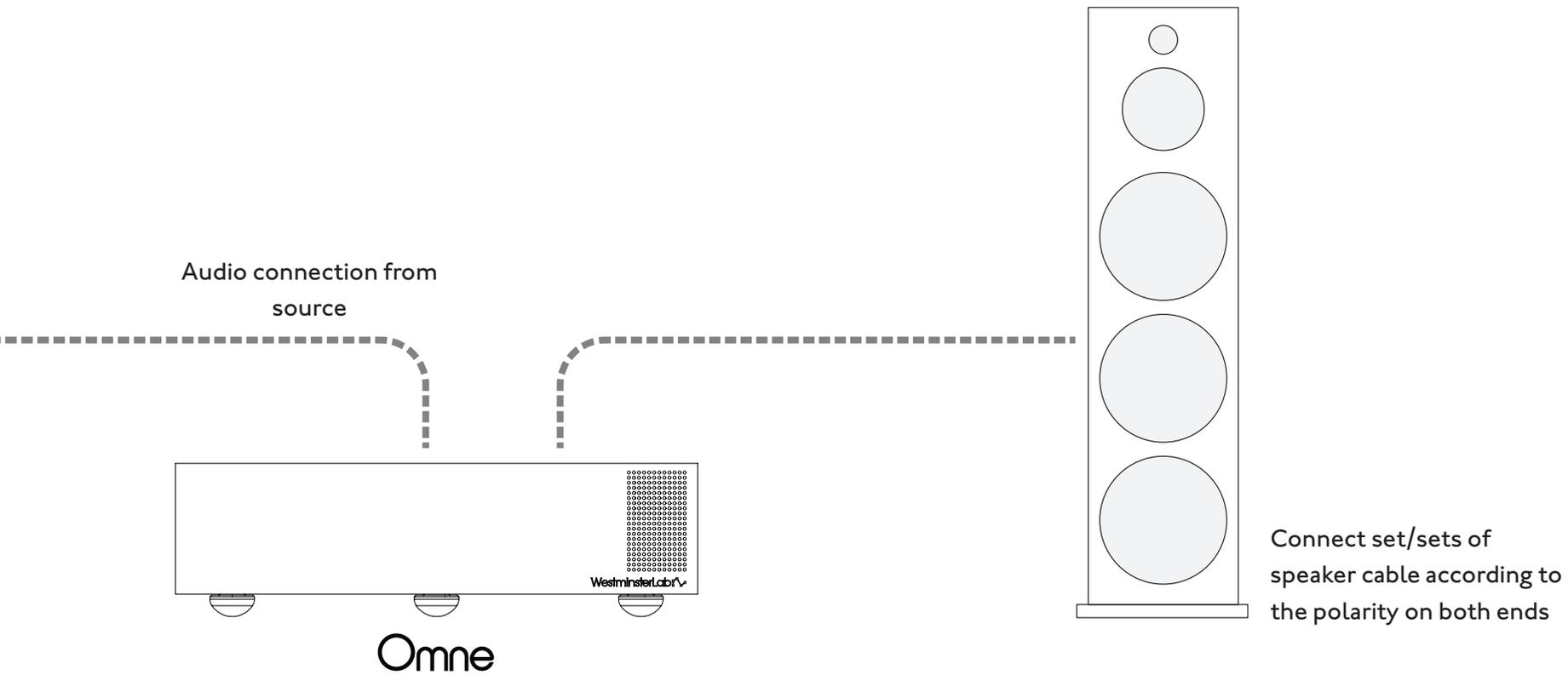
Remove the protective bag of the remote control. Use the included Torx tool to undo the two screws to open the remote. Install the 2 x CR2032 battery and the remote will be ready to go.

NOTE: Please note that the CR2032 has to be slide into the battery housing at an angle and there are contact points on the side of the battery housing.

7 Connecting the Omne

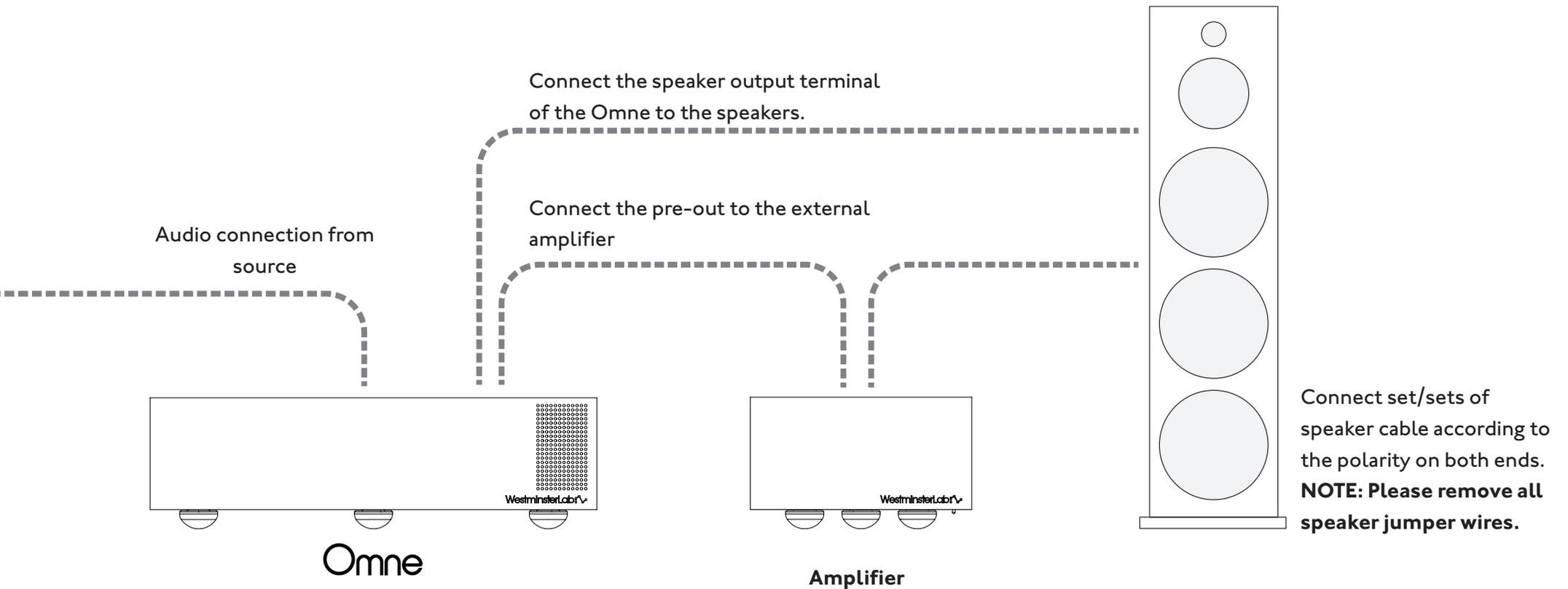
Typical Connection

This wiring diagram illustrates the most typical setup with the Omne, where Omne will be the only amplifier used in the audio system. You can optimise the sound by switching OFF the pre-out function in the setup menu.



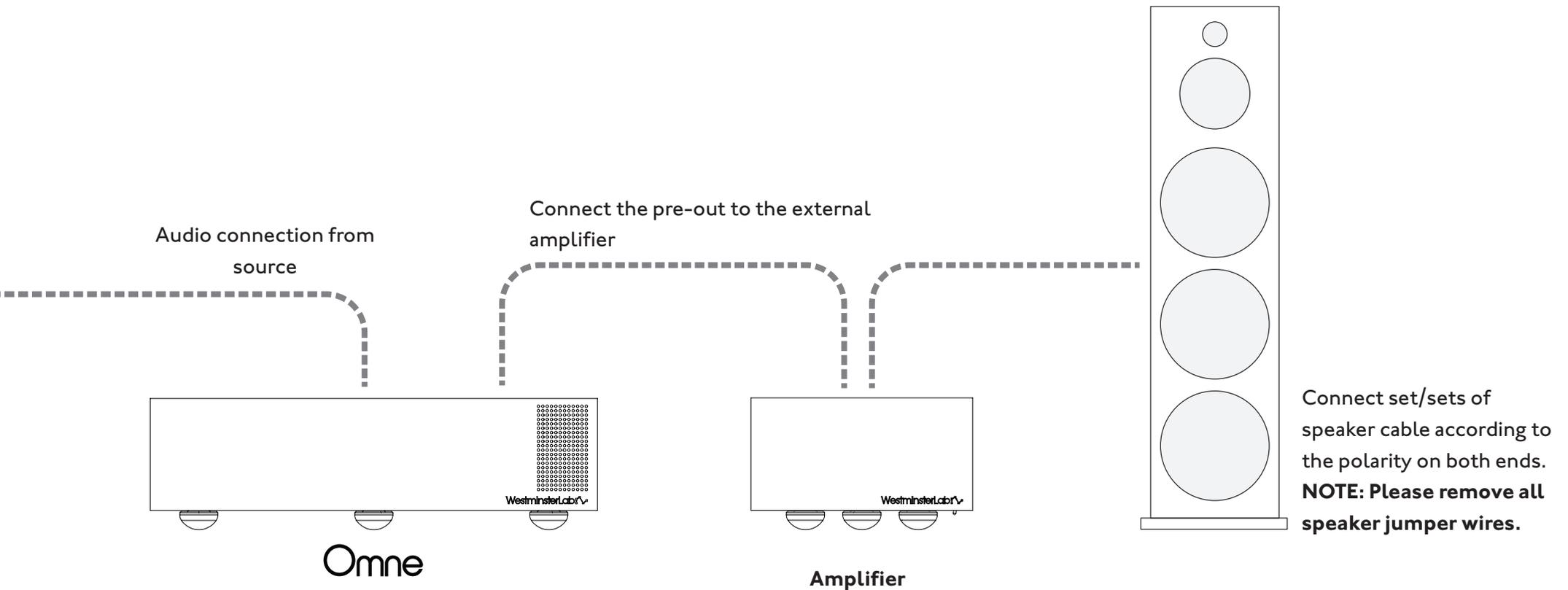
Bi-amplifying Connection

Please only use XLR connection between the Omne and the amplifier. Please consult your nearest dealer / distributor if your amplifier only supports RCA connection. An amplifier with the identical gain is needed for this setup. The Omne's default setup is with the pre-out - ON and internal power amplifier - ON.



Using Omne as a Preamp Only

Please only use XLR connection between the Omne and your amplifier. Please consult your nearest dealer / distributor if your amplifier only supports RCA connection. You can optimise the sound by switching OFF the internal amplifier of the Omne in the setup menu.



8 Optional Modules

Introduction

There are two bays built into the Omne for optional modules/expansion cards, represented as Input 4 and Input 5 in terms of operation. These modules are shared with the Monologue and the Quest. Please be sure that only modules purchased from WestminsterLab or any official Authorised Distributor and Dealers should be installed into the unit.

Omne will automatically switch off the power supply for these modules when not in use to provide the maximum sound quality and durability.

WARNING! 3rd Party or Non-certified modules may result in non-reversible damages and will also void the warranty.

Installation

The optional modules are designed to be easily installed by most users. If you have any doubts, please don't hesitate to contact any WestminsterLab dealer and distributor and seek their assistance.

9 Operation

Initial power-up of the Omne

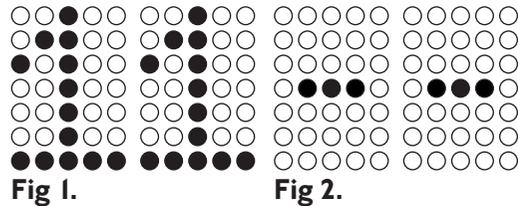
PLEASE be sure that all cables are connected correctly before power-up. Missing or loose input or output cables may cause failure and non-reversible damages to the unit and speaker.

If RCA connection from the source has to be used, please make sure that you have the optional RCA input module.

After connecting the power cord, switch on the main switch located at the back of the unit next to the power inlet. The Stand-by LED in RED located at the back of the unit should light up. Locate and point the remote control towards the front of the pre-amplifier and push the power button on the remote once to switch the unit on.

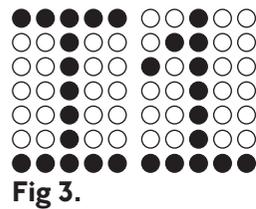
The logo located bottom right of the unit will light up as the unit powers on. And the display will flashes the current input for a few seconds and then show the current volume level "00" on the display. The Logo will turn from red to white when the speaker output is ready.

After the power is switched on, the Omne requires approximately 30 minutes to reach the optimal operating condition. Although the Omne will sound excellent upon initial listening, the sound quality will improve as it warms up. The feedback we receive leads us to recommend at least 200 hours of burn-in on the Omne. Customers generally report improvement up to two months.



Display

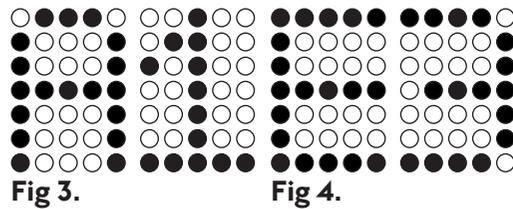
The dot-matrix display on the Omne will always display the current volume level. The unit will always start up with volume 00, and you can control the volume via your remote control. The resistor ladder volume control consist of 99 levels. Fig 1. Indicates the volume level at “11” and the Fig 2. Indicates the unit is “muted”.



5 different inputs are available for the Omne and you can control the input source via your remote control. The Omne has a built in memory so when you switch the unit on, it will always power on with the previous input selection. The display will show the letter “I” with a corresponding number to indicate which input the Omne is going to engage, shown in Fig 3.. The logic will wait for 2 seconds before engaging the new selection. This prevents accidentally switching to another source where the output level is much higher than the existing one.

Setup Menu

To enter the setup menu of the Omne, press and hold the “mute” button on the remote for 3 seconds when the screen is displaying the volume level.



When you see the display indicates “A” with a number behind and blinking, it means it is in side the setup menu. The digit on the left indicates the “item” and the digit on the right indicates the specific “settings” of the item. Fig 1. on this page shows an example indicating that item “A” with settings at “2” and Fig 2. shows item “E” and setting “3”.

Change the “item” with the volume up and down button
Change the “settings” with the input up and down button

After you have finished adjusting the settings. You can press and hold the “mute” button again for 3 seconds to bring you back to normal operating mode. You can find the correspondent definition of “item” and “settings” in the following list.

Setup Menu

A. Display auto-off / auto-dim

- A1. Off (Default)
- A2. Off after 3s
- A3. Off after 5s
- A4. Off after 10s
- A5. Dim after 3s
- A6. Dim after 5s
- A7. Dim after 10s

B. Display brightness

- B1. 100% (Default)
- B2. 70%
- B3. 30%

C. Pre-out

- C1. On (Default)
- C2. Off

D. Built-in amplifier

- D1. On (Default)
- D2. Off

E. Home Theatre by-pass

- E1. Off (Default)
- E2. Input 1

E3. Input 2

E4. Input 3

E5. Input 4

E6. Input 5

F. Trigger Output and delays

- F1. On (Default)
- F2. 2 sec
- F3. 5 sec
- F4. 10 sec
- F5. 20 sec
- F6. Off

G. R Channel Attenuation

- G1. Off (Default)
- G2. -0.5db
- G3. -1.0db
- G4. -1.5db
- G5. -2.0db
- G6. -2.5db
- G7. -3.0db
- G8. -3.5db
- G9 -4.0db

H. L channel Attenuation

- H1. Off (Default)

H2. -0.5db

H3. -1.0db

H4. -1.5db

H5. -2.0db

H6. -2.5db

H7. -3.0db

H8. -3.5db

H9 -4.0db

K. Restore to default settings

- K1.
- K2. OK
- (Press mute to load settings)

During operation

The Omne requires no adjustments during normal operation. If there is no sound or the sound quality is in some way impaired, consult the “Troubleshooting” section in this manual.

WARNING! NEVER unplug any cables or switch off the amplifier with the main switch at the rear during operation. It may cause failure or damage to the Omne, amplifiers and speakers. Be sure that the Omne is completely off with no LED illumination in the front before unplugging any cables. It is even safer to have the main switch switched off, AC power cord unplugged before unplugging other cables.

10 Maintenance

Maintenance & cleaning

The Omne requires no user maintenance other than to keep it clean. It is recommended to use a very soft cloth to gently wipe the Omne's surface without any liquids or solutions. To maintain the best exterior, please keep the surface from oil and grease. Be aware not to scratch the surface of the unit.

Services

Please contact your nearest WestminsterLab distributors or dealers for services / overhaul on the Omne.

|| Troubleshooting

Omne does not power up

If the red LED located at the rear of the Omne is not illuminated, follow the procedure below. If one step succeeds in activating the power, stop and ignore the other steps.

Check if the AC mains voltage matches the specification of the Omne. Do not connect the AC power cord if they do not match. This will damage the unit permanently. Always use a power cord with ground wire connected.

1. Check that there is power from the wall outlet.
2. Check to make sure the AC cord is plugged into the wall outlet.
3. Check the back of the Omne to make sure the IEC connector is pushed all the way into the socket on the back of the unit.
4. Check the main switch located at the back of the unit.
5. Unplug the power cord and check if the fuses are blown (Both power cord and the back of the Omne). Replace with the same type and rating only. You will need to open the bottom cover of the Omne to gain access to the fuses.
6. Check your household electrical box to make sure the circuit breaker has not been tripped. If it has, flip the breaker back on.
7. If the breaker trips again, make sure the power cord has no damage and can work properly. You may try the power cord by using it with other home appliances. Change the power cord if it is not working.
8. If all of these steps fail to return power to the Omne, consult your dealer or distributor for service.

Red LED at the rear is illuminated and front display fails to turn on

The red LED at the back of the unit indicates the unit receive power from the outlet and the unit is currently on standby. By pressing the power button on the remote control, the unit should switch on. A white LED behind the logo of WestminsterLab and both display at the front of the Omne should power on.

1. Power cycle the amplifier completely by switching on and off the main switch
2. Make sure that you point the IR blaster of the remote control directly to the front of the Omne. The IR blaster and receiver are both designed to be very sensitive. However, a line of sight is preferred for best performance.
3. Make sure the battery of the remote control is not depleted. You can use your camera on your phone to observe the IR blaster window of the remote control. You should be able to see the IR blaster flicker when a button is pressed. You can swap out the two CR2032 button cells of the remote control by removing the torx screws at the bottom of the remote.
4. If all of these steps fail, consult your dealer for service.

Front LED and display are illuminated but you hear no sound or hum

Switch off the amplifier first. Follow these steps in order. If one step succeeds in restoring the sound, stop there and ignore the other steps.

1. Check if the correct input has been selected on the Omne.
2. Check if the correct output (Speaker or Pre-Out) has been selected on the Omne
3. Check if the volume is at a reasonable level (10-20) and not muted (--).
4. Check all the cables within the system, make sure they are properly connected and that the cables are not damaged or shorted.
5. Check the source device to make sure there is a signal output, i.e. if it's a record player, make sure it's spinning and the tonearm is lowered, or if it is a CD player, make sure it is in play mode and not in pause, or file playing for computer/network streamer/file player. If the source has volume control built-in, make sure it is off and at maximum volume.
6. Try using another pair of interconnect cables (even cheap ones will work temporarily) instead of the ones being used between the source device and the preamp and between the preamp and the amplifier. If this restores sound, replace the defective cables. XLR cables with all pins connected both side is needed for normal operation.
7. Try using another pair of speaker cables (even cheap ones will work temporarily). If this restores sound, replace the defective cables.
8. If all of these steps fail to restore sound, consult your dealer for service.

Front Red LED stay illuminated and Omne produce no sound

This is most likely triggered by the protection circuit of the Omne. Please switch off the amplifier first. Follow these steps in order. If one step succeeds in restoring the sound, stop there and ignore the other steps.

1. Check if the speaker wires are properly connection with no short.
2. Check if the input cables are properly connected.
3. Check if the main heatsink located at the front of the unit is not too hot to touch.
4. If the heatsink is too hot to touch, the Omne may need to have more breathing space around it for it to cool down. Placing it on the top of ths audio rack can greatly imporve the airflow.
5. Swtich on the unit and observe if the Omne will overheat again.

Remote Control is non-responsive / wrong behaviour observed

Switch off the amplifier first. Follow these steps in order. If one step succeeds in restoring the sound, stop there and ignore the other steps.

1. Make sure the you point the IR blaster of the remote control directly to the front of the Omne. The IR blaster and receiver are both designed to be very sensitive. However, a line of sight is preferred for best performance.
2. Swap out the two CR2032 with new batteries of the remote control by removing the torx screws at the bottom of the remote.
3. If all of these steps fail, consult your dealer for service.

12 Opinions to obtain best performance

- I. Place on a rigid, stable, heavy mass surface.
- II. Warm up for more than 45 to 60 minutes.
- III. Put the Omne as close as possible to the sources and keep the cable as short as possible. We highly recommend WestminsterLab cables to obtain the best experience and performance.
- IV. It is recommended to use a dedicated AC power cord rated at a minimum of 6 amps for 230V mains, or 10 amps for 110V mains. We highly recommend WestminsterLab power cables to obtain the best experience and performance.
- V. The power supply of the Omne has been meticulously designed to deliver the utmost performance. From our experiences, power filters, power conditioners and also regenerators are not recommended for the Omne.

13 Limited Warranty

WestminsterLab warrants the Omne integrated amplifier against manufacturing defects and defects in materials for three years from the date of purchase from an authorized WestminsterLab dealer, subject to the conditions listed below:

1. The warranty covers only new Omne (product or products) by WestminsterLab purchased from an authorized WestminsterLab dealer.
2. The warranty is non-transferable and is valid only for the original purchaser.
3. The warranty is valid only if the product has been used according to the instructions in the owner's manual. Damage due to accidents, owner abuse or negligence is not covered under this warranty.
4. All services must be performed by an authorized WestminsterLab dealer. Damage resulting from service by other parties is not covered under this warranty.
5. All products returned for service must be packaged in the original container and must include an original / photocopy of the original purchase receipt. If the original container has been lost or discarded, contact WestminsterLab or WestminsterLab distributors or dealers for a replacement.
6. If the product must be shipped back to WestminsterLab for warranty service, the customer shall bear the shipping costs. WestminsterLab will pay for return shipping.
7. Before shipping the product to WestminsterLab for service, the customer must first obtain a Return Authorization (RA) number from WestminsterLab. The RA number must be marked clearly on the side of the package.

8. WestminsterLab has the right to choose whether repairing the product by using new or refurbished parts.
9. This warranty covers only defects in products made by WestminsterLab. It does not cover incidental or consequential damages, force majeure, or damages to other products resulting from defects in WestminsterLab products.
10. Your authorized importer or dealer bears the direct responsibility for warranty coverage of your amplifier. Please contact your importer or dealer with requests for service under warranty. WestminsterLab will work with your importer or dealer to assure that the terms of the warranty are fulfilled.

14 Specification

Omne

Inputs

3 sets of balanced XLR inputs

2 optional modules

Input Impedance

51 k Ω

Input Voltage

6Vrms

Pre-Out Frequency Response

2Hz to 100 kHz, ± 0.1 dB

Pre-Out

1 set of balanced XLR output

Pre-Out Voltage

12Vrms

Pre-Out Gain

6dB

Total System Gain

32.5dB

Volume Control Range

99 Steps 0 to -63dB / Mute

0-32 per 1dB

33-99 per 0.5dB

Power Amp Topology

Class-A

Power

50 watts @ 8 Ω

100 watts @ 4 Ω

200 watts @ 2 Ω

Frequency Response

5Hz to 40 kHz, ± 0.1 dB

2 Hz to 52 kHz, -1 dB

Damping Factor

>300 (5hz to 20khz)

Output Impedance

0.030 Ω

Dimensions

W470 x H140 x D447 mm

Weight

35KG

15 Legal information

The information in this owner's manual is subject to changes without notice. The current Version V I.0 of this manual was produced by the WestminsterLab Ltd..

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