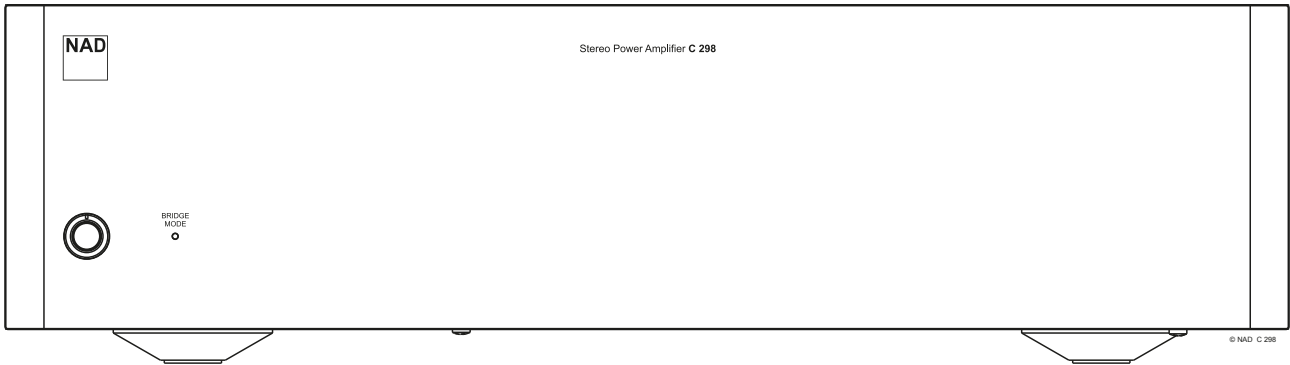





C 298

Stereo Power Amplifier



Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

- **Read instructions** - All the safety and operating instructions should be read before the product is operated.
- **Retain instructions** - The safety and operating instructions should be retained for future reference.
- **Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
- **Follow Instructions** - All operating and use instructions should be followed.
- **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.
- **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- **Water and Moisture** - Do not use this product near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- **Cart** - A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn. 
- **Ventilation** - Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- **Power Sources** - This product should be operated only from the type of power source indicated on the marking label and connected to a MAINS socket outlet with a protective earthing connection. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
- **Power-Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
- **Mains Plug** - Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- **Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
- **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- **Flame Sources** - No naked flame sources, such as lighted candles, should be placed on the product.
- **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- **Headphones** - Excessive sound pressure from earphones and headphones can cause hearing loss.

- **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power-supply cord or plug is damaged.
 - If liquid has been spilled, or objects have fallen into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - If the product has been dropped or damaged in any way.
 - When the product exhibits a distinct change in performance—this indicates a need for service.
- **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- **Battery Disposal** - When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.
- **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

WARNING



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.



CAUTION REGARDING PLACEMENT

To maintain proper ventilation, be sure to leave a space around the unit (from the largest outer dimensions including projections) than is equal to, or greater than shown below.

- Left and Right Panels: 10 cm
- Rear Panel: 10 cm
- Top Panel: 10 cm

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

The apparatus should only be used in moderate climates.

CAUTION

- Changes or modifications to this equipment not expressly approved by NAD Electronics for compliance could void the user's authority to operate this equipment.
- To prevent electric shock, match wide blade of plug to wide slot, fully insert.
- Marking and rating plate can be found at the rear panel of the apparatus.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- An appliance with a protective earth terminal should be connected to a mains outlet with a protective earth connection.

RESPONSIBLE PARTY

Lenbrook International
633 Granite Court
Pickering, ON L1W 3K1
Canada
Tel: 1 905 8316555

IF IN DOUBT CONSULT A COMPETENT ELECTRICIAN.



This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 2004/108/EC.

NOTES ON ENVIRONMENTAL PROTECTION



At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging point this out.

The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials, or other forms of recycling of old products, you are making an important contribution to the protection of our environment.

Your local administrative office can advise you of the responsible waste disposal point.

INFORMATION ABOUT COLLECTION AND DISPOSAL OF WASTE BATTERIES (DIRECTIVE 2006/66/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL OF EUROPEAN UNION) (FOR EUROPEAN CUSTOMERS ONLY)



Pb

Batteries bearing any of these symbols indicate that they should be treated as "separate collection" and not as municipal waste. It is encouraged that necessary measures are implemented to maximize the separate collection of waste batteries and to minimize the disposal of batteries as mixed municipal waste.



Hg

Cd

End-users are exhorted not to dispose waste batteries as unsorted municipal waste. In order to achieve a high level of recycling waste batteries, discard waste batteries separately and properly through an accessible collection

point in your vicinity. For more information about collection and recycling of waste batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

By ensuring compliance and conformance to proper disposal of waste batteries, potential hazardous effects on human health is prevented and the negative impact of batteries and waste batteries on the environment is minimized, thus contributing to the protection, preservation and quality improvement of the environment.

INTRODUCTION

GETTING STARTED

QUICK START

Refer to the supplied C 298 Quick Setup Guide for basic instructions in setting up your new NAD C 298. The following guidelines must be observed when setting up your C 298.

- 1 Before setting up or making connections, ensure that the C 298 and other devices to be connected to C 298 are unplugged or powered down.
- 2 Connect your speakers to the LEFT and RIGHT speaker terminals. Connect the speaker cables to the corresponding speaker terminal connections (R +/-, L +/-) as reflected in the C 298 rear panel. Bare wire or loose strands from the speaker cables must not touch the rear panel or other speaker terminals.
- 3 Connect the line output terminal of your external sources to the BALANCED and/or SINGLE-ENDED ANALOG AUDIO INPUT ports using applicable connectors.

IMPORTANT NOTES

- *The blue terminals must never be connected to ground (earth).*
 - *Never connect the blue terminals together or to any common ground device.*
 - *Do not connect the output of this amplifier to any headphone adapter, speaker switch or any device that uses common ground for left and right channels.*
- 4 Connect corresponding end of the mains power cord to the AC mains input of C 298 and the plug connected to a mains power source.

WARNING

For optimal performance, the C 298 requires a grounded AC receptacle or a separate earth ground. Ensure the proper grounding of your system.

- 5 Maintain default settings of the following control switches'
 - LEFT and RIGHT SELECT towards BALANCED or SINGLE-ENDED (both switches must be of the same setting)
 - INPUT SELECT to FIX
 - AUTO SENSE LEVEL to MID
- 6 Set the POWER switch at the rear panel to "ON" setting. The Standby LED indicator will illuminate amber. Press front panel STANDBY button to turn ON the C 298. The Standby LED indicator will turn from amber to blue. Your C 298 is now powered up!

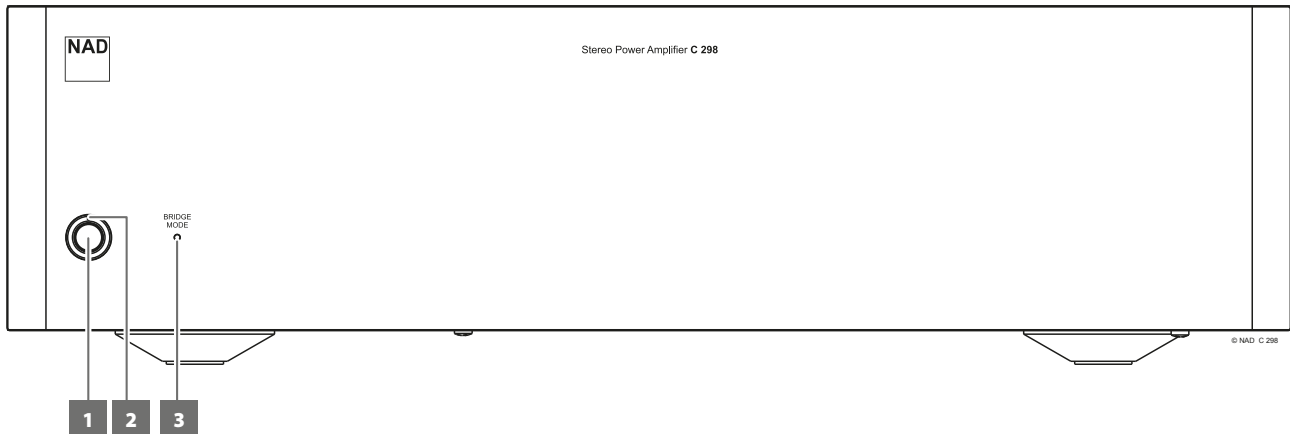
SAVE THE PACKAGING

Please save the box and all of the packaging in which your C 298 arrived. Should you move or otherwise need to transport your C 298, this is by far the safest container in which to do so. We've seen too many otherwise perfect components damaged in transit for lack of a proper shipping carton, so please: Save that box!

NOTES ON INSTALLATION

- Place your NAD C 298 on a firm, level surface.
- Avoid placing the unit in direct sunlight or near sources of heat and damp.
- Do not place the unit on a soft surface like a carpet.
- Do not place the C 298 in an enclosed position such as a bookcase or cabinet that may impede the air-flow through the ventilation slots. Allow adequate ventilation.
- Make sure the unit is switched off before making any connections.
- The RCA sockets on your C 298 are color coded for convenience. Red and white are Right and Left audio respectively. Use high quality leads and sockets for optimum performance and reliability.
- Ensure that leads and sockets are not damaged in any way and all sockets are firmly pushed home.
- Should water get into your C 298, shut off the power to the unit and remove the plug from the AC socket. Have the unit inspected by a qualified service technician before attempting to use it again.
- Use a dry soft cloth to clean the unit. If necessary, lightly dampen the cloth with soapy water. Do not use solutions containing benzol or other volatile agents.

DO NOT REMOVE THE COVER; THERE ARE NO USER-SERVICEABLE PARTS INSIDE.



1 STANDBY BUTTON

- Press Standby button to switch ON the C 298 from standby mode. The Power indicator will change from amber to blue color.
- Pressing Standby button again switches back C 298 to standby mode. The Power indicator will change from blue to amber color.
- The Standby button cannot activate the C 298 if the rear panel POWER switch is off.

2 POWER INDICATOR

- This indicator will light up amber when the C 298 is at standby mode.
- When the C 298 is powered up from standby mode, this indicator will change in color from amber to red and finally blue.

IMPORTANT NOTES

For the Standby button to activate, the following must occur:

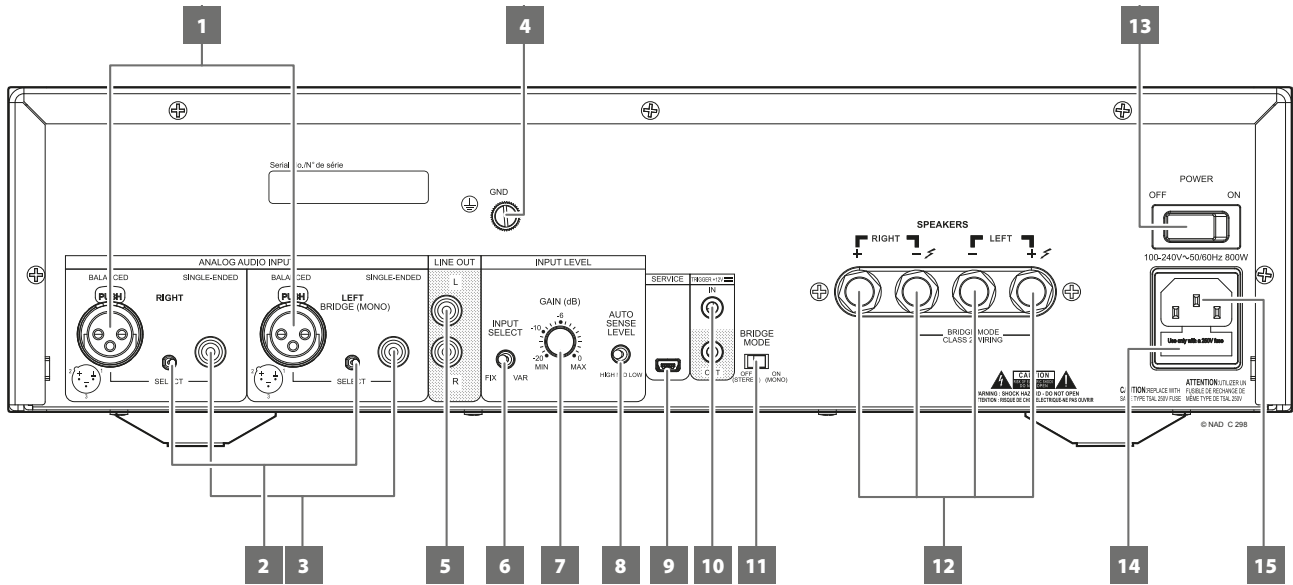
- The supplied power cord from the C 298 must be plugged in to a power source.*
- The rear panel POWER switch must be set to ON.*

3 BRIDGE MODE INDICATOR

- This BRIDGE MODE indicator lights up blue when the Bridge Mode switch at the rear panel is set to ON (MONO).

IDENTIFICATION OF CONTROLS

REAR PANEL



ATTENTION!

Please make sure that the C 298 is powered off or unplugged from the mains power source before making any connections. It is also advisable to power down or unplug all associated components while making or breaking any signal or AC power connections.

1 BALANCED

- Connect XLR audio source to these connectors. Ensure that proper pin configurations are followed – Pin 1: Ground, Pin 2: Positive (signal live) and Pin 3: Negative (signal return).

2 SELECT

Use SELECT switch to choose which audio input will be the active source.

- Select SINGLE-ENDED audio input by setting SELECT switch to the right towards the direction of SINGLE ENDED input.
- Select BALANCED audio input by setting SELECT switch to the left towards the direction of BALANCED input.

3 SINGLE-ENDED

- Use a twin RCA-to-RCA lead to connect these sockets to the left and right analog output of a preamplifier, processor or any compatible device.

4 GROUND

- Ensure that the C 298 is plugged-in to a grounded AC wall outlet.
- If a separate earth ground is necessary, use this terminal to ground your C 298. The C 298 can be connected to ground by connecting a ground lead wire or similar to this terminal. After insertion, tighten the terminal to secure the lead.

5 LINE OUT

- The LINE OUT sockets allow “daisy-chaining” - use more than one amplifier to add speakers to the same channel.
- Use dual RCA cable to connect LINE OUT to the corresponding analog audio input of compatible devices such as amplifiers, receivers or other applicable devices.

6 INPUT SELECT

Use INPUT SELECT switch to manage audio output level.

- FIX:** Audio output level is fixed. The C 298 becomes like a basic amplifier with audio output level controlled by an external device.
- VAR:** Audio output level can be adjusted using the INPUT LEVEL control knob.

7 INPUT LEVEL

With INPUT SELECT switch set to VAR, the INPUT LEVEL control knob can be used to adjust the audio output level of the C 298.

- Turn clockwise to increase audio output level; counter clockwise to lower it.

NOTE

The INPUT LEVEL is a level trim only and not a full volume control.

8 AUTO SENSE LEVEL

Auto Sense feature instantaneously turn the C 298 to operating mode from standby mode if it senses a specific input signal level applied to either the BALANCED or SINGLE-ENDED sockets. There are three Auto Sense levels

SETTING	INPUT LEVEL
Low	0.85 mV
Mid	1.7 mV
High	3.7 mV

9 SERVICE

- Use for servicing purposes only. Not for consumer use.

10 +12V TRIGGER IN/OUT

+12V TRIGGER OUT

- The +12V TRIGGER OUT is used for controlling external equipment equipped with a +12V trigger input.
- Connect this +12V TRIGGER OUT to the other equipment's corresponding +12V DC input jack using a mono cable with 3.5mm male plug.
- This output will be 12V when the C 298 is ON and 0V when it is either OFF or in standby mode.

+12V TRIGGER IN

- With this input triggered by a 12V DC supply, the C 298 can be switched ON remotely from standby mode by compatible devices such as amplifiers, preamplifiers, receivers, etc. If the 12V DC supply is cut off, the C 298 will return to standby mode.
- Connect this +12V Trigger input to the remote device's corresponding +12V DC output jack using a mono cable with 3.5mm male plug. The controlling device must be equipped with a +12V trigger output to use this feature.

11 BRIDGE MODE

The C 298 amplifier can be configured to be MONO (Bridge Mode), more than doubling its output power. This way, the C 298 can be used as part of a high power stereo or home-theatre system, by connecting additional power amplifiers.

- In BRIDGED MODE (switch at ON (MONO) setting), the C 298 will produce approximately 620W into an 8 ohm loudspeaker. In this mode, the amplifier sections will react as though the speaker impedance has been halved. Low impedance speakers (under 8 ohms) are not recommended when using Bridge Mode as these may cause the amplifier's thermal cut-out to operate if played at high levels.
- Set BRIDGE MODE switch to the "ON (MONO)" position and connect the speaker to the terminals marked "L +" and "R-" ensuring that the "L+" is connected to the "+" terminal of your speaker and the "R-" is connected to the speaker's "-" terminal.
- Set BRIDGE MODE switch to OFF (Stereo) for normal operation.

IMPORTANT NOTE

If C 368 is the signal source, connect only C 368 Right channel PRE OUT to C 298 LEFT input (both C 368 and C 298 in BRIDGE mode). Never use C 368 Left channel PRE OUT to drive C 298 LEFT input.

12 SPEAKERS

- Connect C 298's Right speaker terminals marked "R +" and "R-" to the corresponding "+" and "-" terminals of your designated right speaker. Repeat the same for C 298's Left speaker terminals and corresponding left speaker.
- Double check the speaker connections before powering up the C 298.

IMPORTANT NOTES

- *The blue terminals must never be connected to ground (earth).*
- *Never connect the blue terminals together or to any common ground device.*
- *Do not connect the output of this amplifier to any headphone adapter, speaker switch or any device that uses common ground for left and right channels.*

NOTES

- *Use 16 gauge (American Wire Gauge or AWG) or lower stranded wire. Connections to the C 298 can be made with banana-type plugs.*
- *Bare wire or pins can also be used by loosening the terminal's plastic nut, making a clean, neat connection and re-tightening. To minimize the danger of a short circuit, ensure that only 1/2-inch of exposed wire or pin is used to connect and no loose strands of speaker wire.*

13 POWER

- Supplies the AC mains power to the C 298.
- When the POWER switch is set to ON position, the C 298 goes to standby mode as shown by the amber status condition of the front panel Power indicator.
- Press the front panel Standby button to switch ON the C 298 from standby mode.
- If you do not intend to use the C 298 for long periods of time (such as when on vacation), switch off the POWER switch.
- With POWER switched off, the front panel Standby button cannot activate the C 298.

14 FUSE HOLDER

- Only qualified NAD service technicians can have access to this fuse holder. Opening this fuse holder may cause damage thus voiding the warranty of your C 298.

15 AC MAINS INPUT

- The C 298 comes supplied with two separate mains power cords. Select the mains power cord appropriate for your region.
- Before connecting the plug to the mains power source, ensure that it is firmly connected to the C 298's AC Mains input socket.
- Always disconnect the mains power plug from the mains power source before disconnecting the cable from the C 298's AC Mains input socket.

REFERENCE

SPECIFICATIONS

All specs are measured according to IHF 202 CEA 490-AR-2008 standard. THD is measured using AP AUX 0025 passive filter and AES 17 active filter.

AUDIO SPECIFICATIONS

ANALOG AUDIO INPUT/LINE OUT

THD (20 Hz – 20 kHz)	<0.0005 % at 2V out
Signal-to-Noise Ratio	>120 dB (IHF; 20 Hz – 20 kHz, ref. 2V out)
Channel separation	>110 dB (1 kHz) >100 dB (10 kHz)
Input impedance (R and C)	Single-ended: 56 kohms + 280 pF Balanced: 56 kohms + 280 pF
Maximum input signal	>7.0 Vrms (ref. 0.1 % THD)
Output impedance	390 ohms
Frequency response	±0.1 dB (20 Hz - 20 kHz)
Maximum voltage output -IHF load	>7.0 V (ref. 0.1 % THD)

ANALOG AUDIO INPUT/SPEAKER OUT

Rated output power into 8 Ohms (Stereo)	185 W at 8 ohms (ref. 20 Hz-20 kHz at rated THD, both channels driven)
Rated output power into 4 ohms (Stereo)	340 W at 4 ohms (ref. 20 Hz-20 kHz at rated THD, both channels driven)
Rated output power into 8 Ohms (Bridge mode)	620 W at 8 ohms (ref. 20 Hz-20 kHz at rated THD, both channels driven)
THD (20 Hz – 20 kHz)	<0.005 % (1 W to 185 W, 8 ohms and 4 ohms)
Signal-to-Noise Ratio	>98 dB (A-weighted, 500 mV input, ref. 1 W out in 8 ohms) >120 dB (A-weighted, ref. 185 W out in 8 ohms)
Clipping power (Stereo mode, at 1 kHz 0.1 % THD)	>200 W
Clipping power (Bridge mode, at 1 kHz 0.1 % THD)	>690 W
IHF dynamic power (Stereo mode, at 1 kHz 1 % THD)	8 ohms: 260 W 4 ohms: 490 W 2 ohms: 570 W
IHF dynamic power (Bridge mode, at 1 kHz 1 % THD)	8 ohms: 1000 W 4 ohms: 1100 W
Peak output current	>25 A (in 1 ohm, 1 ms)
Damping factor	>800 (ref. 8 ohms 20 Hz – 6.5 kHz)
Frequency response	±0.2 dB (20 Hz - 20 kHz) -3 dB at 60 kHz
Channel separation	>100 dB (1 kHz) >80 dB (10 kHz)
Stereo Mode input sensitivity (for 185 W in 8 ohms)	Fixed Gain mode: 1.43 V
Stereo Mode Gain - Line In – Balanced and Single-ended	Fixed Gain mode: 28.6 dB Variable Gain mode: 8.5 dB – 28.5 dB
Bridge Mode Sensitivity - Line In – Balanced and Single-ended	Fixed Gain mode: 3.78 V for 620 W in 8 ohms Variable Gain mode at maximum: 1.41 V for 620 W in 8 ohms
Bridge Mode Gain - Line In – Balanced and Single-ended	Fixed Gain mode: 25.4 dB Variable Gain mode: 14.5 dB – 34.5 dB
Standby power	<0.5 W

DIMENSION AND WEIGHT

Gross dimensions (W x H x D) *	435 x 120 x 390 mm 17 1/8 x 4 3/4 x 15 3/8 inches
Net weight	11.2 kg (24.7 lbs)
Shipping weight	13.6 kg (30 lbs)

* - Gross dimension includes feet and extended rear panel terminals.

Specifications are subject to change without notice. Check out www.NADelectronics.com for updated documentation or latest information about C 298.



www.NADelectronics.com

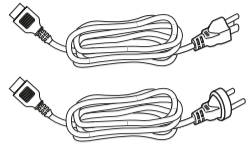
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C298-OM-EN-V01 - OCT 2020

NAD C 298 Stereo Power Amplifier

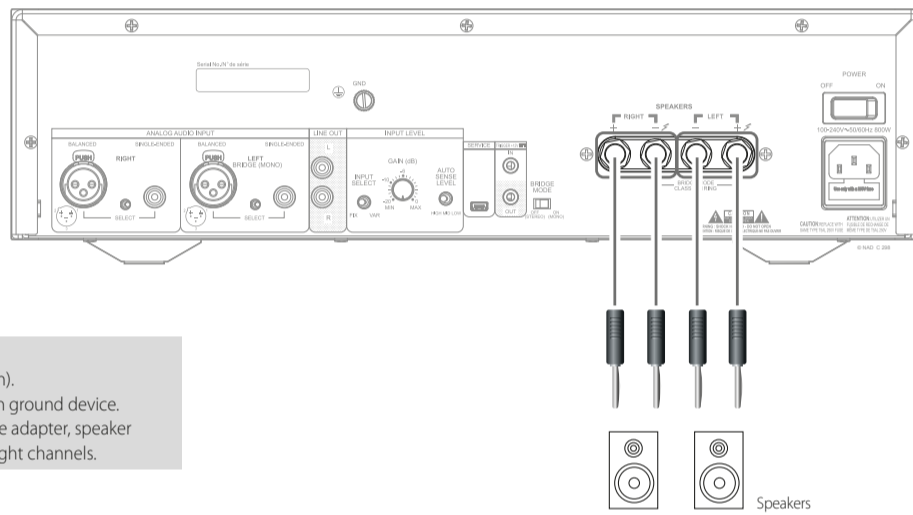
Quick Setup Guide



nadelectronics.com/product/C298-stereo-power-amplifier
support.nadelectronics.com



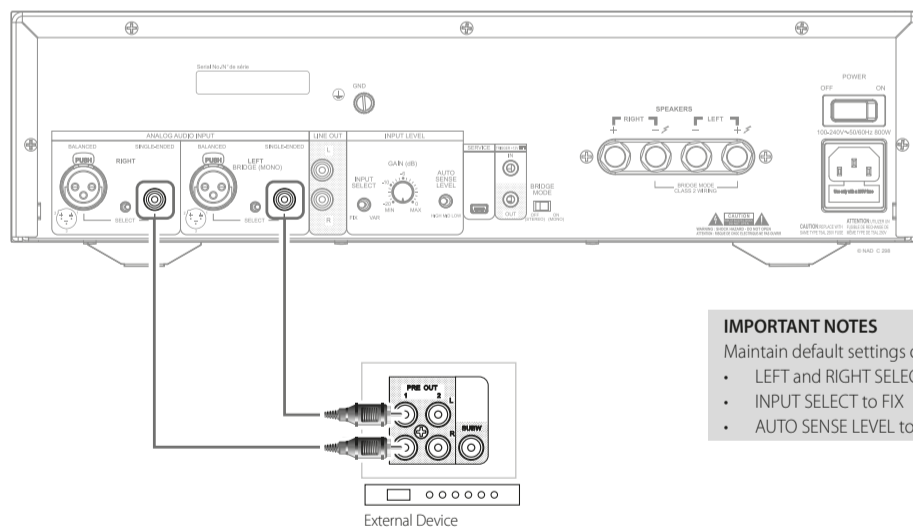
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IMPORTANT NOTES

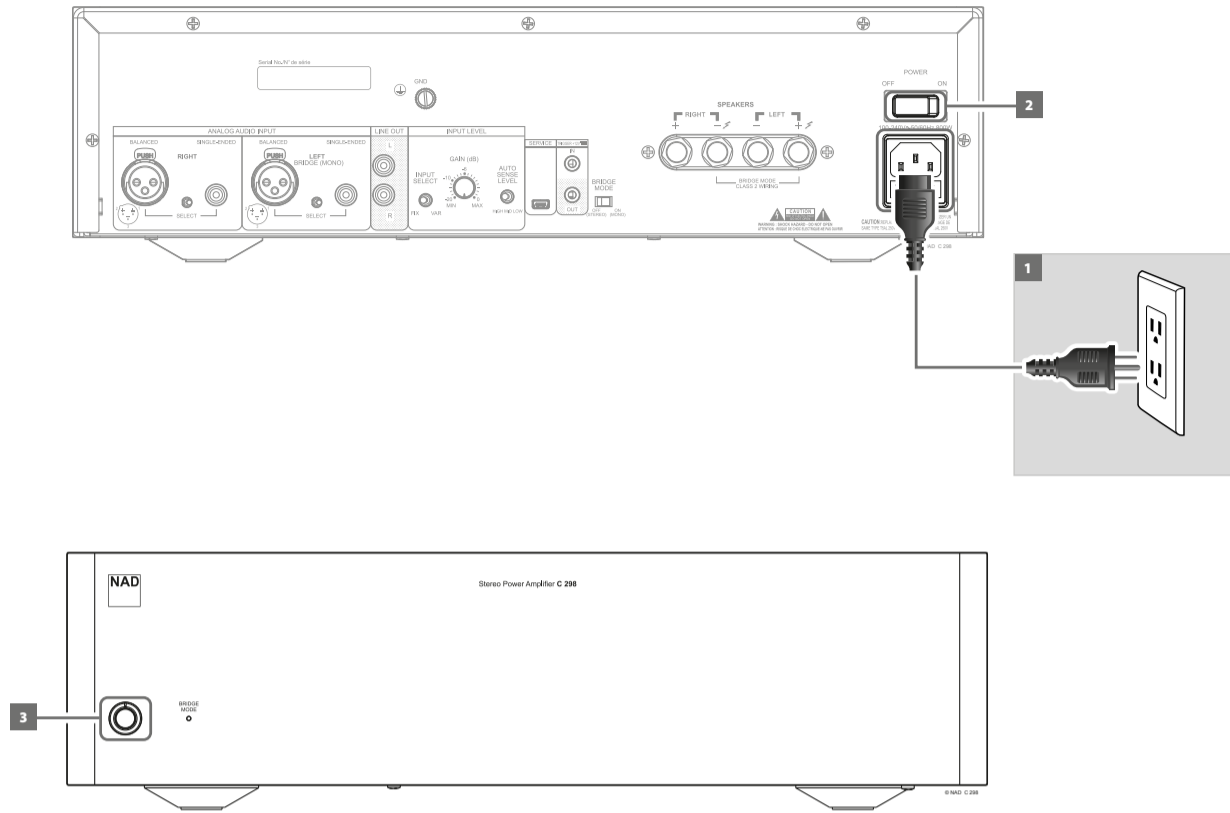
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2.




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 - INPUT SELECT to FIX
 - AUTO SENSE LEVEL to MID



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 - If the product has been dropped or damaged in any way.
 - When the product exhibits a distinct change in performance-this indicates a need for service.
- **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- **Battery Disposal** - When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.
- **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

WARNING



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.



CAUTION REGARDING PLACEMENT

To maintain proper ventilation, be sure to leave a space around the unit (from the largest outer dimensions including projections) than is equal to, or greater than shown below.

- Left and Right Panels: 10 cm
- Rear Panel: 10 cm
- Top Panel: 10 cm

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

The apparatus should only be used in moderate climates.

IMPORTANT SAFETY INSTRUCTIONS

FCC STATEMENT

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

CAUTION

- Changes or modifications to this equipment not expressly approved by NAD Electronics for compliance could void the user's authority to operate this equipment.
- To prevent electric shock, match wide blade of plug to wide slot, fully insert.
- Marking and rating plate can be found at the rear panel of the apparatus.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- An appliance with a protective earth terminal should be connected to a mains outlet with a protective earth connection.

RESPONSIBLE PARTY

Lenbrook International
633 Granite Court
Pickering, ON L1W 3K1
Canada
Tel: 1 905 8316555

IF IN DOUBT CONSULT A COMPETENT ELECTRICIAN.



This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 2004/108/EC.

NOTES ON ENVIRONMENTAL PROTECTION



At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging point this out.

The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials, or other forms of recycling of old products, you are making an important contribution to the protection of our environment.

Your local administrative office can advise you of the responsible waste disposal point.

INFORMATION ABOUT COLLECTION AND DISPOSAL OF WASTE BATTERIES (DIRECTIVE 2006/66/EC OF THE EUROPEAN PARLIAMENT AND THE

COUNCIL OF EUROPEAN UNION) (FOR EUROPEAN CUSTOMERS ONLY)



Pb

Batteries bearing any of these symbols indicate that they should be treated as "separate collection" and not as municipal waste. It is encouraged that necessary measures are implemented to maximize the separate collection of waste batteries and to minimize the disposal of batteries as mixed municipal waste.



Hg

Cd

End-users are exhorted not to dispose waste batteries as unsorted municipal waste. In order to achieve a high level of recycling waste batteries, discard waste

batteries separately and properly through an accessible collection point in your vicinity. For more information about collection and recycling of waste batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

By ensuring compliance and conformance to proper disposal of waste batteries, potential hazardous effects on human health is prevented and the negative impact of batteries and waste batteries on the environment is minimized, thus contributing to the protection, preservation and quality improvement of the environment.



NORTH AMERICA WARRANTY

NAD Electronics of America and Lenbrook/NAD Canada warrants this component to be free from all defects in materials and workmanship as follows:

Electronic components (tuners, preamplifiers, amplifiers, integrated amplifiers, receivers, A/V processors, & integrated A/V products)
Electro-mechanical products (CD players, DVD Players, BD players and turntable)

2 years, parts & labour
2 years, parts & labour

This warranty is valid only in the country of purchase. This warranty is non-transferable, and is valid for the first, original purchaser purchasing from an Authorized Dealer of NAD products. Only Authorized Dealers represent themselves as such, and purchasers may confirm the status of Authorized Dealers by calling NAD/Lenbrook at 1-800-263-4641, or at NADelectronics.com.

What we will do:

Should your NAD component fail to function properly due to a manufacturing defect, NAD/Lenbrook, at its sole discretion, will repair or replace it free of charge during the warranty period.

How to obtain service:

To obtain warranty service, please bring your unit along with the original invoice or bill of sale to your NAD dealer. If it is not an authorized NAD service centre, you will be directed to the nearest one or you may call 1-800-263-4641 for the location of the nearest NAD service centre.

Note: The NAD warranty requires proof-of-purchase prior to any in-warranty repairs. Always retain your original sales slip.

What we will pay for:

We will pay all labour and material expenses for covered items, but you must pay any shipping charges if it is necessary to ship the product to NAD/Lenbrook, or to an authorized NAD service centre. If the repairs are covered by the warranty, NAD/Lenbrook or the NAD service centre will pay the return shipping charges.

What is not covered:

This warranty does not cover a component which has been:

1. Damaged in transit or by act of God;
2. Overloaded, abused, misused, or operated with faulty or unsuitable equipment, or contrary to instructions contained in the accompanying product manual;
3. Serviced by unauthorized personnel;
4. The serial number has been altered or removed.

IN NO EVENT SHALL THE WARRANTOR BE LIABLE FOR INCIDENTAL, OR CONSEQUENTIAL DAMAGES, whether damages resulting from breach of express or implied warranties, tort, negligence, or otherwise.

Some states (provinces) do not allow exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state (province) or between countries.

IMPORTANT: Warranty in other countries may vary. For all warranty in countries outside of North America please contact the dealer you purchased from or your local distributor.

WARNING

DO NOT ENTRUST ANY REPAIR WORK TO UNAUTHORIZED PERSONS. THE COMPONENTS NECESSARY TO MAINTAIN THE ORIGINAL PERFORMANCE OF THIS PRODUCT ARE AVAILABLE ONLY THROUGH AUTHORIZED NAD DEALERS AND DISTRIBUTORS. THE WARRANTY WILL BE INVALIDATED IF THE EQUIPMENT IS TAMPERED WITH OR INCORRECT PARTS ARE SUBSTITUTED.



GARANTIE DE L'AMÉRIQUE DU NORD

NAD Electronics of America et Lenbrook/NAD Canada garantissent que la présente composante est exempte de tout vice de matériau et de fabrication selon les modalités suivantes :

Composantes électroniques (syntonisateurs, pré-amplificateurs, amplificateurs, amplificateurs intégrés, récepteurs, processeurs A/V et produits A/V intégrés)	2 ans, pièces et main-d'oeuvre
Composantes électromécaniques (lecteurs CD, lecteurs DVD, lecteur de Bluray et tables tournantes)	2 ans, pièces et main-d'oeuvre

La présente garantie est valide uniquement dans le pays où le produit a été acheté et n'est pas transférable. Elle est offerte en exclusivité à la personne ayant effectué l'achat, à l'origine, chez un dépositaire agréé de produits NAD. Seuls les dépositaires agréés peuvent se présenter en cette qualité, et l'acheteur peut vérifier la qualité de dépositaire agréé du marchand en communiquant avec NAD/Lenbrook au numéro suivant: 1-800-263-4641, ou visitez le site www.NADelectronics.com.

Obligation de NAD :

Si, pendant la durée de la garantie, la composante NAD cesse de fonctionner correctement en raison d'un vice de fabrication, NAD/Lenbrook, à leur seule discrétion, répareront ou remplaceront celle-ci gratuitement.

Pour une réparation :

Pour faire réparer le produit, veuillez l'apporter, avec la facture ou le coupon de caisse original, à votre dépositaire NAD. Si cet établissement n'est pas un centre de réparation NAD autorisé, il vous indiquera où se trouve le centre le plus proche. Vous pouvez aussi appeler au 1 800 263-4641 pour connaître l'emplacement du centre de réparation NAD agréé le plus proche.

Ce qui nous payons :

Nous assumons tous les frais de main-d'oeuvre et de matériaux des articles garantis, mais ne payons pas les frais d'expédition se vous devez faire parvenir le produit à NAD/Lenbrook ou à un centre de réparation NAD agréé. Si les réparations sont couvertes par la garantie, NAD/Lenbrook ou le centre de réparation assumeront les frais de transport pour le retour de votre produit.

Étendue de la garantie :

Le présente garantie ne couvre par les composantes :

1. endommagées dans le transport ou dans un cas de force majeure;
2. soumises à une trop forte charge, utilisées de façon abusive, mal utilisées ou combinées à un équipement défectueux ou inapproprié ou encore utilisées d'une manière contraire aux directives données dans le manuel accompagnant le produit;
3. réparées par du personnel non autorisé;
4. dont le numéro de série a été enlevé ou altéré.

LE GARANT NE POURRA, EN AUCUNE CIRCONSTANCE, ÊTRE TENU RESPONSABLE POUR LES DOMMAGES ACCESSOIRES, qu'ils résultent de l'inexécution d'une garantie explicite ou indirecte, d'un délit, d'une négligence ou d'une autre cause.

Certains états et certaines provinces ne permettent pas l'exclusion ou la limitation des dommages accessoires; il est possible que les limitations et exclusions ci-dessus ne s'appliquent pas à vous. La présente garantie vous accorde des droits reconnus par la loi. Il se pourrait que vous en ayez d'autres, qui peuvent varier d'un état ou d'une province à l'autre ou d'un pays à l'autre.

IMPORTANT : La garantie peut être différente d'un pays à un autre. Pour la garantie dans les pays hors de l'Amérique du Nord, veuillez contacter votre marchand ou votre distributeur local.

AVERTISSEMENT

NE CONFIEZ PAS LA RÉPARATION DU PRODUIT À UNE PERSONNE NON AUTORISÉE. LES PIÈCES NÉCESSAIRES POUR VEILLER À CE QUE VOTRE PRODUIT FONCTIONNE COMME À L'ORIGINE NE PEUVENT ÊTRE OBTENUES QUE PAR L'ENTREMISES DES DÉPOSITAIRES ET DES DISTRIBUTEURS AGRÉÉS. LA PRÉSENTE GARANTIE EST NULLE SI L'ÉQUIPEMENT A ÉTÉ ALTÉRÉ OU SI DE PIÈCES INADÉQUATES ONT ÉTÉ UTILISÉES.

NAD Electronics of America, Lenbrook/NAD Canada, 633 Granite Court, Pickering, Ontario L1W 3K1