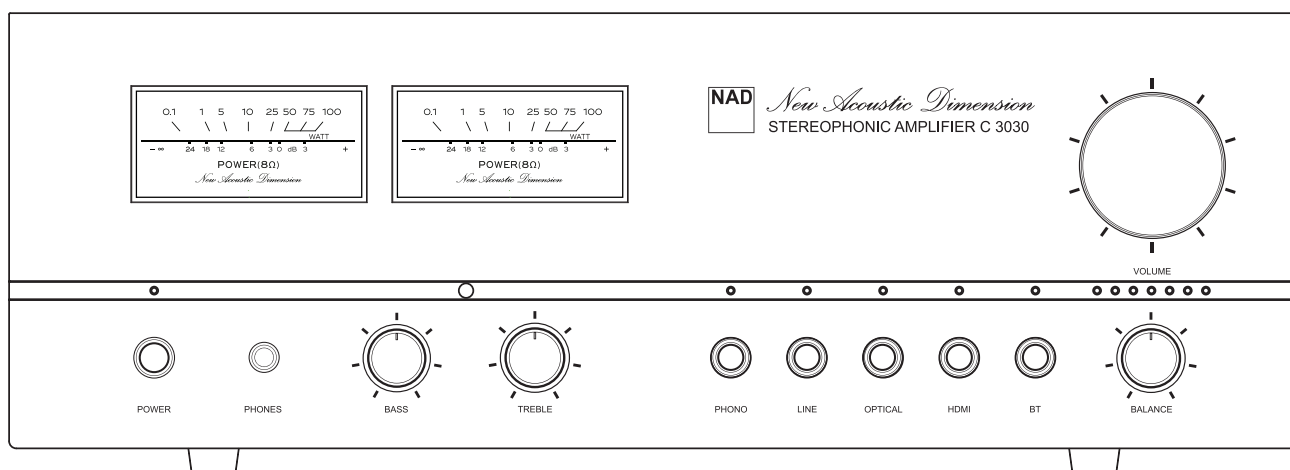




C 3030

Stereophonic Amplifier

ENGLISH



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 damp 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.
- **Wall or Ceiling Mounting** - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

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

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.
- This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
 - 1 This device may not cause harmful interference, and
 - 2 This device must accept any interference received, including interference that may cause undesired operation.
- Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
- 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.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- An appliance with a protective earth terminal should be connected to a mains outlet with a protective earth connection.

MPE REMINDER

To satisfy FCC/IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

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.



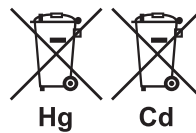
The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials, or other forms of recycling of old products, you are making an important contribution to the protection of our environment.

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)



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.



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

WHAT'S IN THE BOX

Packed with your C 3030 you will find

- Two detachable mains power cord
- BC1 remote control with 2 (two) AAA batteries
- Bluetooth antenna
- Important Safety Instruction sheet
- Quick Setup Guide

SAVE THE PACKAGING

Please keep the box and all original packing materials that came with your C 3030. If you need to move or transport your C 3030, this packaging provides the safest and most secure way to do so. We have seen many perfectly good components damaged simply because they were not shipped in their proper packaging — so please, hold on to that box!

CHOOSING A LOCATION

Select a well-ventilated area with at least several inches of clearance on both sides and behind the unit. Ensure a clear line of sight—within 25 feet (8 meters)—between the C 3030's front panel and your primary listening or viewing position for reliable infrared remote control operation. The C 3030 produces only a small amount of heat, so it can safely be stacked on top of other components.

NOTES ON INSTALLATION

- Place your C 3030 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.
- Allow adequate ventilation.
- Make sure the unit is switched off before making any connections.
- 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 3030, 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.

BARE WIRES AND PIN CONNECTORS



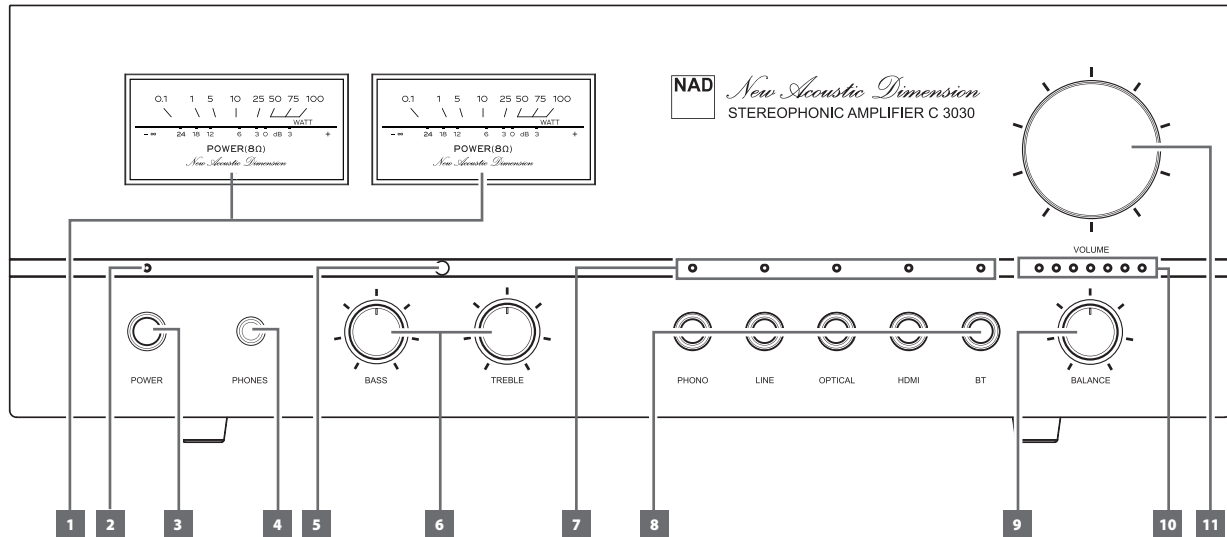
WARNING: The terminals marked with this symbol are hazardous live. External wiring connected to these terminals requires installation by an instructed person or the use of ready-made leads or cords

FACTORY RESET

Factory reset is recommended if your C 3030 is malfunctioning or has hanged up.

The C 3030 can be reset or restored to its factory default settings by following the procedure outlined below.

- 1 With the C 3030 at either standby or operating mode, press and hold the rear panel RESET button until the POWER LED indicator begins blinking green. Release hold of the RESET button.
- 2 The POWER LED indicator will
 - Blink green twice → off → blink amber once → solid amber
- 3 Factory reset is completed when the POWER LED indicator turns solid amber and the unit enters standby mode.



1 NAD VU METER

- The C 3030 is equipped with a pair of Power meters that monitor the Input Signal or Speaker Output levels.
- Both Power meters are calibrated in Watts and dB (decibel) that corresponds to an 8-ohm load.
- Refer also to item about VU METER in the IDENTIFICATION OF CONTROLS – REAR PANEL.

2 POWER LED INDICATOR

- This indicator will light up amber when the C 3030 is at standby mode.
- When the C 3030 is powered up from standby mode, this indicator will illuminate green.
- In cases of serious abuse of the C 3030, such as excessively low speaker impedance and short circuit, the C 3030 will engage its Protection circuitry, indicated by the Power LED indicator turning from green to red and the sound being muted.

In such Protection circuit scenario, turn OFF the C 3030 via the rear panel POWER switch. Wait for it to cool down and/or check the speaker connections. Once the cause for the protection circuitry to engage has been removed, switch ON the rear panel POWER switch. Then, press the front panel POWER button to resume normal operation.

The Power LED also serves as the blink code indicator for configuring the following features.

FEATURE	SETUP	POWER LED INDICATOR	DEFAULT SETTING
Auto Sense	Press and hold POWER button for 10 – 15 seconds and release	Enable: blink amber x 3 times Disable: blink amber x 2 times	Enabled
Auto Standby	Press and hold POWER button for 15 – 20 seconds and release	Enable: blink amber x 3 times Disable: blink amber x 2 times	Enabled
Source Volume Control Level	Press and hold POWER button for 20 – 25 seconds and release	Enable: blink amber x 3 times Disable: blink amber x 2 times	Disabled
Bluetooth auto-reconnect	Press and hold BT source input button for 10 – 15 seconds and release	Enable: blink amber x 3 times Disable: blink amber x 2 times	Disabled

3 POWER BUTTON

- With the rear panel POWER switch set to the ON position, press the Power button to switch the C 3030 from standby mode to operating mode.
 - The POWER LED indicator will change from amber to green.
 - The NAD VU meter will illuminate, transitioning from amber to white with a yellow background.
- The C 3030 is ready for operation when the NAD VU meter displays white with a yellow background.
- To return the unit to standby mode, press the Power button again:
 - The POWER LED will change from green to amber color.
 - The NAD VU meter will turn off.
- Pressing any Source Input Selector button will also power up the C 3030 from standby mode.
- The Power button will not activate the C 3030 if the rear panel POWER switch is set to OFF.

NOTES

Conditions for the Power button to function:

- Connect the plug of the supplied power cord to a mains power outlet and ensure the other end is firmly connected to the C 3030's AC Mains input socket.
- The rear panel POWER switch must be set to ON.

4 PHONES

- A 1/4" stereo jack socket is supplied for headphone listening and will work with conventional headphones of any impedance.
- Inserting a headphone plug into this socket automatically disables output to SPEAKER and SUBWOOFER output.
- The volume, tone and balance controls are operative for headphone listening.
- Use a suitable adapter to connect headphones with other types of sockets, such as 3.5mm "personal stereo" jack plugs.

NOTES

- Before connecting or disconnecting headphones, ensure the volume control is set to minimum (fully counterclockwise, with the Volume Level LED indicators in amber color only).
- Listening at high volume levels can cause hearing damage.

IDENTIFICATION OF CONTROLS

FRONT PANEL

5 REMOTE SENSOR

- Point the BC1 remote control toward the remote sensor and press the desired buttons.
- Avoid exposing the C 3030 remote sensor to strong light sources such as direct sunlight or intense illumination, as this may interfere with remote control operation.

Distance: Up to 23 ft (7 m) from the front of the remote sensor.

Angle: Approximately 30° to either side of the remote sensor.

6 TONE CONTROLS

- The C 3030 is equipped with BASS and TREBLE controls to fine-tune the tonal balance of your system. The 12 o'clock position is "flat" with no boost or cut, and an indent indicates this position.
- Rotate the tone control:
 - Clockwise → Increase Bass or Treble level
 - Counterclockwise → Decrease Bass or Treble level

7 SOURCE INPUT LED INDICATORS

- When a source input is selected, the corresponding LED indicator located above the respective source input button lights up green—except for Bluetooth (BT), which lights up blue.

8 SOURCE INPUT SELECTOR

- These buttons select the active source input for the C 3030 and determine the signal sent to the SPEAKER and headphones.
- Select the desired source from the options below:

PHONO: Turntable connected to PHONO input

LINE: Line-level source connected to LINE input

OPTICAL: Digital optical source connected to OPTICAL input

HDMI: HDMI source connected to HDMI eARC

BT: Paired Bluetooth device

- Pressing any Source Input Selector button will also power up the C 3030 from standby mode.

9 BALANCE

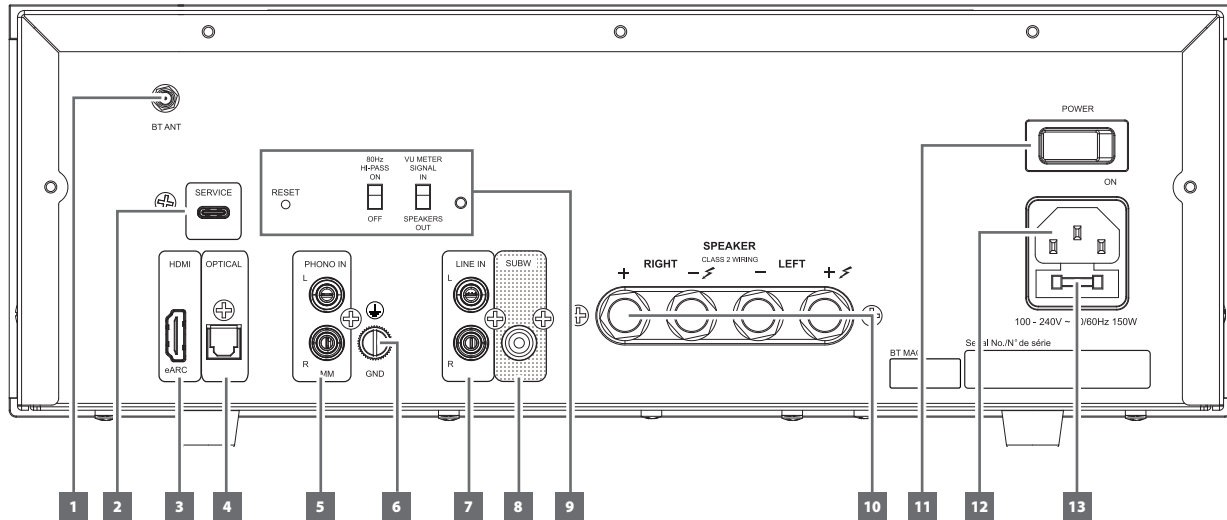
- The BALANCE control adjusts the relative levels of the left and right speakers. The 12 o'clock position provides equal level to the left and right channels. A detent indicates this position.
- Rotating the control clockwise moves the balance towards the right. Rotating the control counterclockwise moves the balance to the left.

10 VOLUME LEVEL LED INDICATORS

- This series of LEDs light up sequentially as the volume level increases and turn off one by one as the volume level decreases.
- A single amber LED indicates minimum volume level.

11 VOLUME

- The VOLUME control adjusts the overall loudness of the signal sent to the speakers, subwoofer and headphones.
- The Volume control is characterized by perfect signal tracking and channel balance. It provides a highly linear and low noise operation.
- Turn clockwise to increase the volume level and counterclockwise to lower it.



ATTENTION!

Ensure the C 3030 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 BLUETOOTH ANTENNA TERMINAL

- Connect the supplied Bluetooth antenna to this Bluetooth antenna terminal.

2 SERVICE

- This port is intended for service purposes only. It is not for customer use.

3 HDMI eARC

- Connect the C 3030 to a TV that supports HDMI Control (CEC) and Enhanced Audio Return Channel (eARC).
- HDMI CEC and eARC features work when all connected devices support these functions and are linked via HDMI.
- Use an Ultra High-Speed HDMI cable with the official certification label for maximum bandwidth and high-bitrate audio formats.
- Once the eARC connection is established, the C 3030 will output audio from the TV.

IMPORTANT

- Set the audio format of all eARC-connected devices to PCM only.
- The HDMI eARC port on the C 3030 supports audio output from the TV only; it does not provide video output.

4 OPTICAL

- Connect to the optical digital output of compatible sources such as CD players, streamers, digital cable box, digital tuners and other applicable devices.

5 PHONO IN (MM)

- Input for a Moving Magnet (MM) phono cartridge only.
- Connect the RCA cables from your turntable to this input if using an MM cartridge.
- If your turntable has a ground/earth lead, connect it to GND (Ground Terminal).

6 GND (GROUND TERMINAL)

- Connect the C 3030 to a grounded AC wall outlet.
- If necessary, use this ground terminal to connect to ground a phono or turntable source for PHONO input.

- If additional grounding is required, use this terminal to ground your C 3030. Connect a ground lead wire or similar conductor to the terminal, then tighten it to secure the connection.

7 LINE IN

- Input for line level sources such as CD player, tuner or any compatible devices. Use dual RCA-to-RCA cable to connect the source device's left and right "Audio Output" to this line input port.

8 SUBW (SUBWOOFER)

- Connect SUBW to the low-level input of corresponding powered subwoofer.
- Full range output signal is sent to the connected subwoofer.

9 RESET, 80 Hz HI-PASS ON/OFF, VU METER SIGNAL IN-SPEAKERS OUT RESET

- Use the RESET button to initiate factory reset. Refer to section about FACTORY RESET for more information.

80 Hz HI-PASS ON/OFF

- This feature controls whether low-frequency signals (below 80Hz) are filtered out from the main speakers when using a subwoofer.

ON

- Activates the high-pass filter at 80Hz.
- Main speakers will only play frequencies above 80Hz.
- Full range output signal is sent to the connected subwoofer.

OFF

- Disables the high-pass filter. Full range output signal is sent to the main speakers and the connected subwoofer.

IMPORTANT

- Turn ON when your main speakers are small or not designed for deep bass.
- Turn OFF if your main speakers can handle full-range audio and you prefer a richer bass blend.

IDENTIFICATION OF CONTROLS

REAR PANEL

VU METER

Controls the front panel NAD VU meter to display one of two signal levels:

Input Signal: Display the level of the current source input

Speaker Output: Display the level of the signal sent to the speakers

10 SPEAKERS

- Connect C 3030's Right speaker terminals marked "R +" and "R -" to the corresponding "+" and "-" terminals of your designated right speaker. Repeat the same for C 3030's Left speaker terminals and corresponding left speaker.
- Double check the speaker connections before powering up the C 3030.

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.*

11 POWER

- When the POWER switch is set to ON position, the C 3030 goes to standby mode as shown by the amber status condition of the front panel Power LED indicator.
- Press the front panel Power button, BC1 ON button or any of the Source Input selector buttons to power up the C 3030 from standby mode.
- If you do not intend to use the C 3030 for long periods of time (such as when on vacation), switch off the POWER switch.
- With rear panel POWER switched OFF, the C 3030 cannot be powered up by the front panel Power button, BC1 ON button or any of the Source Input selector buttons.

12 AC MAINS INPUT

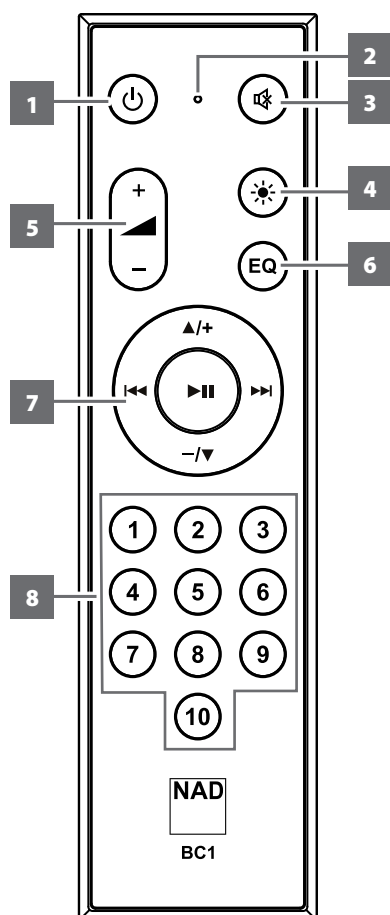
- The C 3030 comes supplied with two separate mains power cords. Select the mains power cord appropriate for your region.
- Before connecting the power cord's plug to the mains power outlet, ensure that the other end of the power cord is firmly connected to C 3030's AC Mains input socket.
- Always unplug the power cord from the mains power outlet before disconnecting the other end of the power cord from C 3030's AC Mains input socket.

13 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 3030.

IDENTIFICATION OF CONTROLS

BC1 REMOTE CONTROL



- 1 Switch unit from standby mode to operating mode and vice-versa
- 2 Blinks briefly when a command is executed
- 3 Temporarily switch off or restore audio. Press again or adjust Volume level to restore audio.
- 4 Increase or decrease volume level
- 5 Vary brightness level of the Power, Source Input and Volume level LED indicators
- 6 Not applicable to C 3030
- 7 ▲/+, -/▼: Toggle to select through Sources
⏮, ⏭: Not applicable to C 3030
- 8 Not applicable to C 3030

OPERATION

FEATURES

AUTO STANDBY

Auto Standby is an integral feature of C 3030 that conforms to European ecodesign regulations. The C 3030 can be configured to automatically enter standby mode after 15 minutes of no user interface activity or no audio detected from the current source. Follow below procedure to enable or disable auto standby mode.

Enable/Disable Auto Standby Mode

At operating mode, press and hold POWER button for 15 – 20 seconds and release. Repeat process to enable or disable auto standby mode.

Enable

- POWER LED indicator blinks amber three times
- Enter standby mode after 15 minutes of no user interface activity or no audio detected from the current source

Disable

- POWER LED indicator blinks amber two times
- Remain at operating mode even if there are no user interface interaction and no active source for 15 minutes

AUTO SENSE

Auto sense feature enables the C 3030 to wake up from standby mode when triggered by an active (digital/analog) audio source input.

Enable/Disable Auto Sense Mode

At operating mode, press and hold POWER button for 10 – 15 seconds and release. Repeat process to enable or disable auto sense mode.

Enable

- POWER LED indicator blinks amber three times
- Wake up from standby mode and switch automatically to the source with active audio input

Disable

- POWER LED indicator blinks amber two times
- Remain at standby mode even if it is triggered by active audio source input

SOURCE VOLUME CONTROL LEVEL

Source Volume Control level defines whether volume control level is applied uniformly across all sources or managed separately for each individual source.

Enable/Disable Source Volume Control Level

At operating mode, press and hold POWER button for 20 – 25 seconds and release. Repeat process to enable or disable source volume control level.

Enable

- POWER LED indicator blinks amber three times
- Each Source maintains its own independent volume control level setting. These individual volume control levels are preserved when the C 3030 is powered off.

Disable

- POWER LED indicator blinks amber two times
- All Sources share a single volume control level. When the C 3030 is powered off, this common volume control level is retained.

BLUETOOTH AS A SOURCE

1 Connect the Bluetooth antenna

Ensure the supplied Bluetooth antenna is attached to the BT antenna terminal on the C 3030 rear panel.

2 Activate your Bluetooth device

Make sure your Bluetooth device (iOS, Android, or other) is powered on and ready to pair.

3 Pair Bluetooth device

- On your iOS, Android, or Bluetooth device, go to Settings → Bluetooth.
- From the list of available Bluetooth devices, select the unique device ID (for example, NAD_C3030|45FC) corresponding to the C 3030 to initiate pairing.

4 Select Bluetooth as the source

Once Bluetooth pairing is successful, choose Bluetooth as the source, and start playing music from your Bluetooth device.

BLUETOOTH PAIRING MODE OR DISCONNECTING BLUETOOTH DEVICE

- At operating mode and Bluetooth device connected, press and hold BT source button for 5 – 10 seconds and release.
- BT indicator will turn from solid blue to blinking blue, indicating pairing mode.
- A Bluetooth device can now be paired with the C 3030.

BLUETOOTH AUTO RECONNECT

Bluetooth connectivity can be automatically reconnected after powering on.

ENABLE/DISABLE BLUETOOTH AUTO RECONNECT

At operating mode, press and hold BT source button for 10 – 15 seconds and release. Repeat process to enable or disable Bluetooth auto reconnect.

Enable

- POWER LED indicator blinks amber three times
- Bluetooth device will automatically reconnect when unit is powered down and then powered back on.

Disable

- POWER LED indicator blinks amber two times
- Bluetooth device will not automatically reconnect when unit is powered down and then powered back on.

PREAMPLIFIER SECTION**LINE IN, SUB-OUT (Analog bypass on)**

THD (20 Hz – 20 kHz)	<0.005 % at 4V out
Signal-to-Noise Ratio	>90 dB (IHF; A-weighted, 500 mV out, unity gain)
Input impedance (R and C)	28 kohms + 360 pF
Maximum input signal	>5.7 Vrms (0.1 % THD)
Output impedance	345 ohms
Input sensitivity	100 mV (500 mV out, Volume maximum)
Frequency response	20 Hz - 20 kHz (± 0.3 dB)
Maximum voltage output	>5 V (0.1 % THD)

LINE IN, HEADPHONE OUT

THD (20 Hz – 20 kHz)	<0.005 % at 1V out
Signal-to-Noise Ratio	>90 dB (32 ohms load; A-weighted, 1V out, unity gain)
Frequency response	20 Hz - 20 kHz (± 0.3 dB)
Channel separation	>60 dB at 1kHz
Output impedance	2.2 ohms

GENERAL SPECIFICATIONS**LINE IN, SPEAKER OUT**

Rated output power into 8 ohms and 4 ohms	50W (20 Hz-20 kHz at rated THD, both channels driven)
THD (20 Hz – 20 kHz)	<0.03 % (250 mW to 50 W, 8 ohms and 4 ohms)
Signal-to-Noise Ratio	>90 dB (A-weighted, 500 mV input, 1 W out in 8 ohms)
Clipping power	8 ohms: 120 W 4 ohms: 250W 2 ohms: 390 W
Peak output current	>16A (1 ohm, 1 ms)
Damping factor	>52 (20Hz to 6.5kHz, 50W 8 ohms)
Frequency response	20 Hz - 20 kHz (± 0.3 dB)
Channel separation	>75 dB (1 kHz) >70 dB (10 kHz)
Input sensitivity (50 W in 8 ohms)	750 mV
Frequency band	2.402 G- 2.480 G
Maximum transmit power	7 dBm $\pm$ 2 dBm
Power consumption, standby mode*	0.5 W

LINE IN, SPEAKER OUT

THD (20 Hz – 20 kHz)	<0.05 % at 50W out
Signal-to-Noise Ratio	>82 dB (10 mV in; A-weighted, 1W out)
Input impedance (R and C)	46 kohms/100 pF
Input sensitivity	1.6 mV (20 Hz 50W out, Volume maximum)
Frequency response	20 Hz - 20 kHz (± 0.3 dB) Note: The RIAA response is consistent with a pre-emphasis that is rolled off at 50 kHz by a second order filter, such as used in Neumann cutting lathes.
Maximum input signal at 1 kHz	>15 mVrms (0.1 % THD)

DIMENSION AND WEIGHT

Gross dimensions (W x H x D) **	356 x 129 x 329 mm 14 1/8 x 5 1/8 x 13 inches
Net weight	5.8 kg (12.8 lbs)
Shipping weight	12.6 kg (27.8 lbs)

* - After 15 minutes of no user interface interaction and no active source input

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

Specifications are subject to change without notice. For updated documentation and features, please check out www.NADelectronics.com for the latest information about C 3030.



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