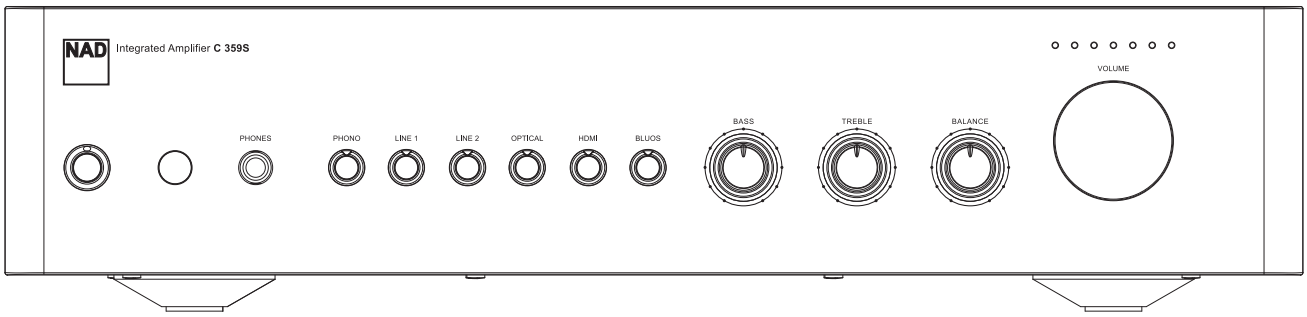
C 359S

Integrated 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 form 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.



WARNING : SHOCK HAZARD - DO NOT OPEN
ATTENTION : RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR

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.

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

NOTES ON ENVIRONMENTAL PROTECTION



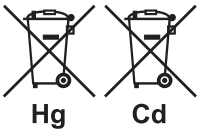
At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging point this out.

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.

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INTRODUCTION

GETTING STARTED

WHAT'S IN THE BOX

Packed with your amplifier you will find

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

SAVE THE PACKAGING

Please keep the box and all original packing materials that came with your amplifier. If you need to move or transport your amplifier, 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 amplifier front panel and your primary listening or viewing position for reliable infrared remote control operation.

NOTES ON INSTALLATION

Place your amplifier 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 amplifier, 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.

FACTORY RESET

A factory reset is recommended in the unlikely event that the amplifier malfunctions or becomes unresponsive.

To restore the amplifier to its factory default settings, follow the steps below:

1. With the amplifier in either standby or operating mode, press and hold both the LINE 1 and LINE 2 front panel buttons.
2. Continue holding both buttons until the front panel POWER LED indicator begins to blink red.
3. Release both LINE 1 and LINE 2 buttons. The POWER LED indicator will continue to blink red intermittently.
4. The factory reset is complete when the POWER LED indicator turns solid amber, and the amplifier enters standby mode.

INITIAL SETUP AND AUTOMATIC FIRMWARE UPDATE

Upon unboxing the amplifier, connect the Bluetooth and Wi-Fi antennas to their corresponding rear-panel terminals. Once the antennas are securely installed, initiate either a wireless network configuration or establish a wired ethernet connection to ensure the unit is updated to the latest firmware from the outset

WIRELESS CONNECTION

If you set up a wireless connection (refer to **NETWORK SETUP** section), the network configuration process will proceed automatically. As the setup advances, the amplifier will automatically enter **Looking for Upgrade** mode. If a firmware update is available, it will be downloaded and installed automatically.

WIRED CONNECTION

If a wired Ethernet connection is established, the amplifier will appear in the BluOS App with the status **NEEDS SETUP**. Select the amplifier from the Players section to initiate the setup process. The unit will automatically enter Looking for Upgrade mode, and if a firmware update is available, it will be installed automatically.

IMPORTANT NOTES ABOUT FIRMWARE UPGRADE PROCESS

1. When a firmware upgrade is initiated, allow sufficient time for the installation to complete. Do not interrupt the process.
2. Monitor the upgrade progress using the BluOS App.
3. Allow the firmware update to finish fully without interruption.
4. If the upgrade process is interrupted (for example, due to disconnection or power loss), restart the amplifier.
5. Restart the firmware upgrade by either:
   - Initiating network setup, or
   - Selecting the amplifier in the BluOS App if a network connection is already established.
6. To manually check for an available firmware update, go to **Help → Upgrade Check Player (or Help & Support →Upgrade)** in the BluOS App. A Player Notification will appear if a firmware update is available.

NETWORK SETUP

Connect your amplifier to your home network via **Wired** or **Wireless** connection.

A. WIRED CONNECTION

Using an ethernet cable (not supplied), connect one end to amplifier's LAN port and the other end directly to your home network or router.

B. WIRELESS CONNECTION

Connect amplifier to your wireless network using any of the following methods.

1. Wireless Accessory Configuration (WAC) using iOS/iPadOS device
2. Using iOS/iPadOS device
3. Using Android device

Condition: Ensure the amplifier is in Hotspot mode - this is the default setting.

IMPORTANT!

- *The following procedures may change over time without notice. Always check the amplifier product page for the latest updates.*
- *The BluOS app for iOS and Android devices, as well as for Windows and macOS desktops, can be downloaded from their respective application stores and also from NAD downloads at https://nadelectronics.com/downloads.*

1 WIRELESS ACCESSORY CONFIGURATION (WAC) USING iOS/ iPadOS DEVICE

Wireless Accessory Configuration (WAC) setup mode is supported by iOS/iPadOS application. At WAC setup mode, network name and password are not required for the C 359S to be connected to your network.

a Select **Settings** menu of your iOS/iPadOS device.
b Go to **Wi-Fi** and select the network you would like to use with your C 359S.
c Scroll down to **SETUP NEW AIRPLAY SPEAKER**. Select your C 359S as indicated by **C359S-xxxx** where **xxxx** corresponds to the last 4 digits of the MAC (Media Access Control) address* of your C 359S.
d When **AirPlay Setup** screen comes up, select **Next**. Note that you can also customize the name of your C 359S by entering desired name in the line item **Speaker Name**.
e Airplay Setup will proceed automatically. Follow setup process until **Setup Complete** is shown. Select **Done** to exit setup mode.
f Open BluOS App and select the configured C 359S. Follow the on-screen prompt to complete the setup process.

2 USING iOS/iPadOS DEVICE

a Open BluOS App. Select Players icon in the bottom portion of the App.
b From upper right corner of the App, select **+** to launch Easy Setup Wizard.
c From **My Players** screen prompt, select your C 359S's unique network ID* under **Needs Setup**.
d When **AirPlay Setup** screen comes up, select **Next**. Note that you can also customize the name of your C 359S by entering desired name in the line item **Speaker Name**.
e Airplay Setup will proceed automatically. Follow setup process until **Setup Complete** is shown. Select **Done**.
f C 359S will automatically enter Looking for Upgrade mode. If a firmware upgrade is available, it will be installed automatically. Once the upgrade is finished, select Finish to exit setup mode.

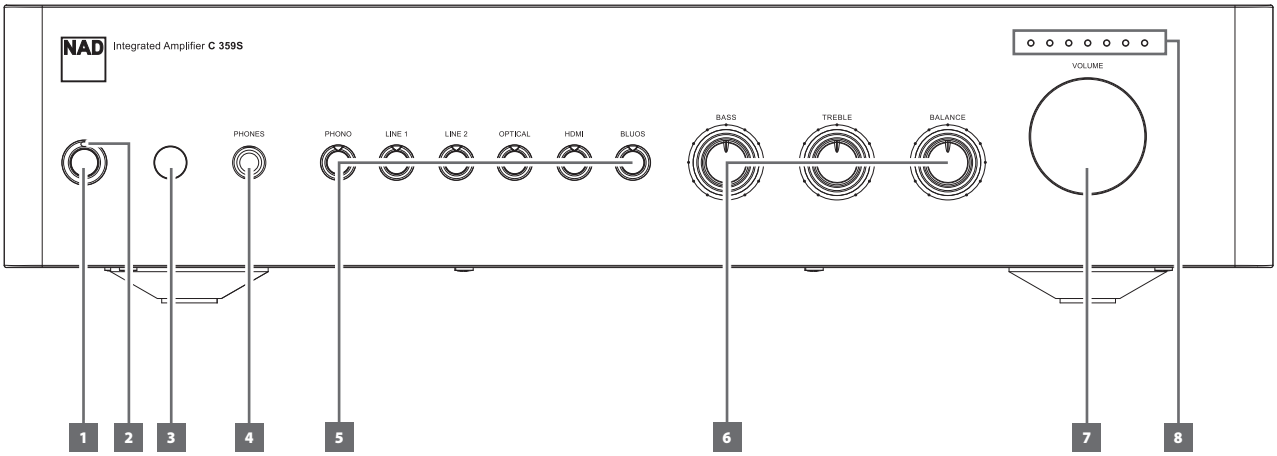
* The C 359S's unique network ID is listed as the product name (i.e., C 359S) immediately followed by the last four digits in the MAC (Media Access Control) address (example: C 359S-000C).

3 USING ANDROID DEVICE

a Open BluOS App.
b BluOS will automatically search for available players.
  i A prompt will appear indicating **New Players detected**.
    • Select **Setup now**. The available players will be listed under **My Players.** Choose the C 359S (identified by its unique network ID*) marked NEEDS SETUP.
  ii If not prompted, select **Players** icon in the bottom portion of the BluOS App.
    • From the upper right corner of the BluOS App, select **+** to launch Easy Setup Wizard. The app will begin **Looking for Players**.
    • Select the unique network ID* of your C 359S from the **My Players** window.
c Select your Home Wi-Fi Network from the **Choose WiFi Network** drop down menu.
d Enter your home network's Wi-Fi **Password** in the field provided and select **Continue**.
e Select or enter preferred **Name** to customize your C 359S for easier identification in the Player Drawer. Select **Continue**.
f Network setup process proceeds automatically. As it advances, it will automatically enter **Looking for Upgrade** mode. If a firmware upgrade is available, it will be installed automatically.
g Network setup process is completed when **Setup Complete** is shown in the App. Select **Finish** to exit the setup process.

IDENTIFICATION OF CONTROLS

FRONT PANEL



1 POWER BUTTON

- With the rear panel POWER switch set to the ON position, press the POWER button to switch the C 359S from standby mode to operating mode. The POWER LED indicator will change from amber to blue color.
- To return the unit to standby mode, press the POWER button again. The POWER LED indicator will change from blue to amber color.
- The POWER button will not activate the C 359S 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 359S AC Mains input socket.*
- *The rear panel POWER switch must be set to ON.*

2 POWER LED INDICATOR

- This indicator will light up amber when the C 359S is at standby mode.
- When the C 359S is powered up from standby mode, this indicator will illuminate blue.
- In cases of serious abuse of the C 359S, such as excessively low speaker impedance and short circuit, the C 359S will engage its Protection circuitry, indicated by the Power LED indicator turning from blue to red and the sound being muted.

  In such Protection circuit scenario, turn OFF the C 359S 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 indicator also serves as the blink code indicator for configuring the following features.

  Refer to the OPERATION – FEATURES section for descriptions of the features listed in the table below. Note that the SETUP process below will be executed with the unit in operating mode.

FEATURE	SETUP	POWER LED INDICATOR	DEFAULT SETTING
Auto Sense	Press and hold POWER button for 10 – 15 seconds and release	Enable: blink blue three times Disable: blink blue two times	Enabled
Auto Standby mode	Press and hold POWER button for 15 – 20 seconds and release	Enable: blink amber three times Disable: blink amber two times	Enabled
Source Volume Control Level	Press and hold POWER button for 20 – 25 seconds and release	Enable: blink red three times Disable: blink red two times	Disabled

3 REMOTE SENSOR

- Point the BC1 remote control toward the remote sensor and press the desired buttons.
- Avoid exposing the C 359S 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

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.

5 SOURCE INPUT SELECTOR

- These buttons select the active source input for the C 359S 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 1: Line-level source connected to LINE 1 input
  LINE 2: Line-level source connected to LINE 2 input
  OPTICAL: Digital optical source connected to OPTICAL input
  HDMI: HDMI source connected to HDMI eARC
  BluOS: Toggle to switch between BluOS and Bluetooth source

- Pressing any Source Input Selector button will also power up the C 359S from standby mode.

6 BASS, TREBLE, BALANCE

BASS, TREBLE

- The C 359S 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

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.

7 VOLUME

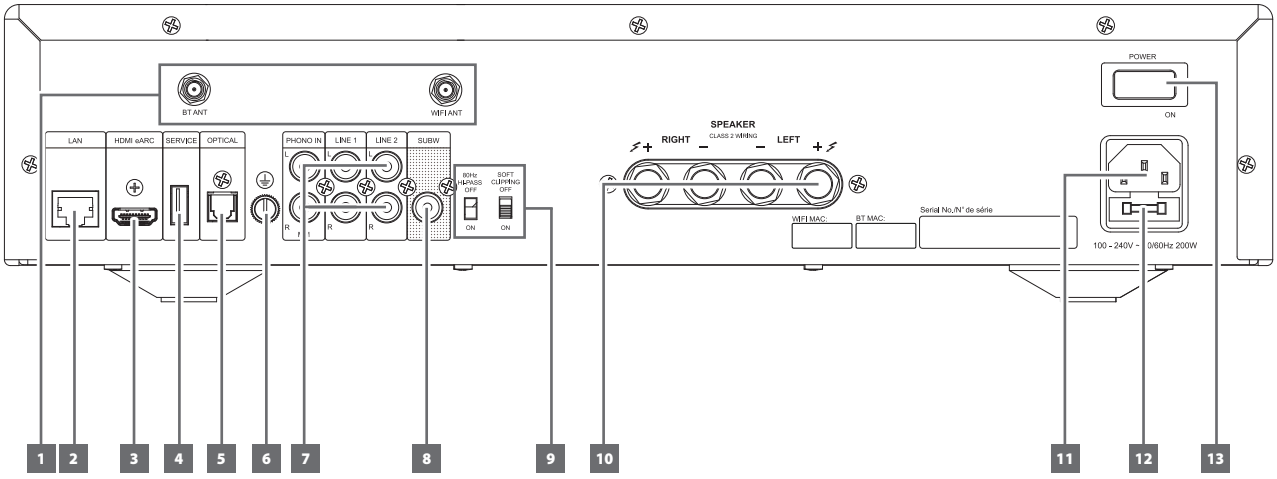
- The VOLUME control adjusts the overall loudness of the signal sent to the speakers, subwoofer and headphones.
- The VOLUME control is characterized by perfect signal tracking and channel balance. It provides a highly linear and low noise operation.
- Turn clockwise to increase the volume level and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

8 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.

IDENTIFICATION OF CONTROLS

REAR PANEL



ATTENTION!

Ensure the C 359S 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 BT AND WIFI ANTENNA TERMINALS

- Connect one of the supplied antennas to the BT antenna terminal and the other to the WIFI antenna terminal.

2 LAN

- LAN connection must be setup for wired connection to be established. Use a standard Ethernet cable (not supplied) to connect the C 359S LAN port to your router or network switch.
- DHCP must be supported by the router to assign an IP address to C 359S.

NOTES

- *NAD is not responsible for any malfunction of the C 359S and/or the internet connection due to communication errors or malfunctions associated with your broadband internet connection or other connected equipment. Contact your Internet Service Provider (ISP) for assistance or the service bureau of your other equipment.*
- *Contact your ISP for policies, charges, content restrictions, service limitations, bandwidth, repair and other related issues pertinent to internet connectivity.*

3 HDMI eARC

- Connect the C 359S 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 (not supplied) with the official certification label for maximum bandwidth and high-bitrate audio formats.
- Once the eARC connection is established, the C 359S will output audio from the TV.

NOTES

- *Set the audio format of all eARC-connected devices to PCM only.*
- *The HDMI eARC port on the C 359S supports audio output from the TV only; it does not provide video output.*

4 SERVICE

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

5 OPTICAL

- Using an optical digital cable (TOSLINK) (not supplied), connect the optical digital output of a compatible source, such as a CD player, streamer, digital cable box, digital tuner, or other applicable devices to this input.

6 GND (GROUND TERMINAL)

- Connect the C 359S 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 359S. Connect a ground lead wire or similar conductor to the terminal, then tighten it to secure the connection.

7 PHONO IN (MM), LINE 1-2

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).

LINE 1-2

- Input for line level sources such as CD player, tuner or any compatible devices. Use a dual RCA-to-RCA cable (not supplied) to connect the source device's left and right "Audio Output" to these line input terminals.

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 80 Hz HI-PASS ON/OFF, SOFT CLIPPING

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.

NOTES

- *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.*

SOFT CLIPPING

- Enables NAD's proprietary Soft Clipping circuitry on all channels.
- When set to ON, Soft Clipping gently limits the C 359S output to minimize audible distortion if the amplifier is overdriven.
- Soft Clipping can be left ON to reduce the likelihood of distortion at high volume levels. For critical listening and optimum dynamic performance, set Soft Clipping to OFF.

10 SPEAKERS

- Connect C 359S Right speaker terminals marked "R +" and "R-" to the corresponding "+" and "-" terminals of your designated right speaker. Repeat the same for C 359S Left speaker terminals and corresponding left speaker.
- Double check the speaker connections before powering up the C 359S.

11 AC MAINS INPUT

- The C 359S 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 359S 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 359S AC Mains input socket.

12 FUSE HOLDER

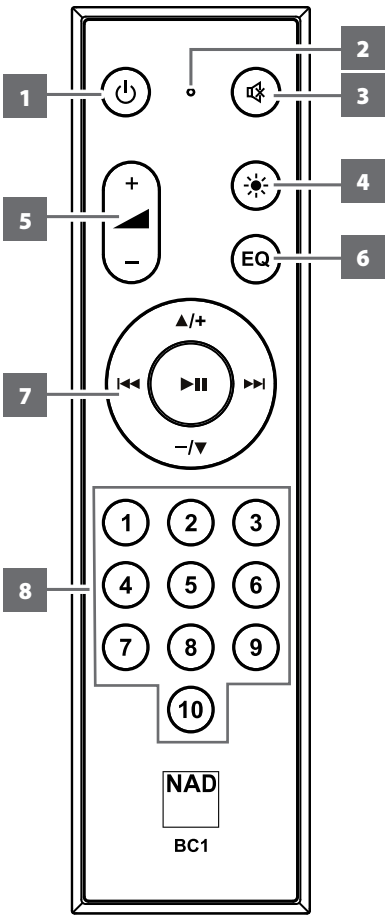
- Only qualified NAD service technicians can have access to this fuse holder.
- Opening this fuse holder may cause damage thus voiding the warranty of your C 359S.

13 POWER

- When the POWER switch is set to ON position, the C 359S 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 359S from standby mode.
- If you do not intend to use the C 359S for long periods of time (such as when on vacation), switch off the POWER switch.
- With rear panel POWER switched OFF, the C 359S cannot be powered up by the front panel POWER button, BC1 ON button or any of the Source Input selector buttons.

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 Vary brightness level of the Power, Source Input and Volume level LED indicators

5 Increase or decrease volume level

6 Not applicable to C 359S

7 ▲/+, ▼/- : Toggle to select through Sources
►►I: Play the next song in the album being played
I◄◄: Restart the current song or play the previous song in the album being played
►II: Start or pause playback

8 Select BluOS Preset number

STANDBY MODE

The C 359S automatically enters Standby mode after 15 minutes of no user interface interaction or no audio at current source. In this mode, the unit maintains its network connection while operating at reduced system performance.

When the C 359S enters Standby mode, the POWER LED indicator turns amber, and all Volume and Source Input LED indicators turn off.

To wake up the C 359S from Standby mode, perform any of the following:
- Press the POWER button
- Press any Source Input Selector button
- Start playback or activate audio from any connected source
- Play a song from a network-connected BluOS source

When the C 359S wakes up from standby mode, the POWER LED indicator will illuminate blue to indicate that normal operation has resumed.

Standby mode can be enabled or disabled by following the procedure below.

Enable/Disable Standby Mode

While the unit is in operating mode, press and hold the **POWER** button for 15 - 20 seconds, then release. Repeat process to enable or disable Standby mode.

Enable
- While the unit is in operating mode, press and hold the **POWER** button for 15 - 20 seconds, then release. POWER LED indicator blinks amber three times
- At enabled mode, the unit enters Standby mode after 15 minutes of no user interaction or no audio at current source.

Disable
- While the unit is in operating mode, press and hold the **POWER** button for 15 - 20 seconds, then release. POWER LED indicator blinks amber two times
- At disabled mode, the unit remains in operating mode even after 15 minutes of no user interaction or no audio at current source.

AUTO SENSE

The Auto Sense feature enables the C 359S to automatically wake up from Standby mode when an active digital or analog audio signal is detected or when triggered by a network-connected BluOS source.

When Auto Sense is enabled, the C 359S will:
- Wake from Standby and select the source that triggered the unit.
- Automatically switch to a source where a new signal is detected.

IMPORTANT NOTES
- *Auto Sense is enabled by default for applicable sources.*
- *When Auto Sense is disabled, automatic wake-up and input switching are disabled for the supported sources.*
- *Auto Sense setting does not affect BluOS or Bluetooth operation.*
- *Phono does not support Auto Sense.*

Enable/Disable Auto Sense Mode

While the unit is in operating mode, press and hold **POWER** button for 10 - 15 seconds, then release. Repeat process to enable or disable auto sense mode.

Enable
- While the unit is in operating mode, press and hold **POWER** button for 10 - 15 seconds, then release. POWER LED indicator blinks blue three times.
- At enabled mode, unit will
  - Wake up upon detecting an active digital or analog audio signal or a network-connected BluOS source, or
  - switch to the source where a new audio signal is detected.

Disable
- While the unit is in operating mode, press and hold POWER button for 10 - 15 seconds, then release. POWER LED indicator blinks blue two times.
- At disabled mode, unit will
  - Remain at standby mode or current source even if it is triggered by active audio source or new audio signal is detected.

About Source Switching
- A Source must remain inactive for at least 10 seconds before Auto Sense can detect a new signal from that Source.
- When the unit is turned on, Auto Sense becomes active after a 5-second delay. For example, if Line 1 is selected when the unit is turned on, a signal detected from Line 2 within the first 5 seconds will not trigger an automatic Source switch.

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

While the unit is in operating mode, press and hold **POWER** button for 20 – 25 seconds, then release. Repeat process to enable or disable source volume control level.

Enable
- While the unit is in operating mode, press and hold **POWER** button for 20 – 25 seconds, then release. POWER LED indicator blinks red three times.
- Each Source maintains its own independent volume control level setting.
- These individual volume control levels are preserved when the C 359S is powered off.

Disable
- While the unit is in operating mode, press and hold **POWER** button for 20 – 25 seconds, then release. POWER LED indicator blinks red two times.
- All Sources share a single volume control level.
- When the C 359S 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 359S 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

a On your iOS, Android, or Bluetooth device, go to Settings →Bluetooth.

b From the list of available Bluetooth devices, select the unique device ID (for example, C 359S-000C BT) corresponding to the C 359S to initiate pairing.

4 Select Bluetooth as the source
- Once Bluetooth pairing is successful, choose Bluetooth as the source from the BluOS App, and start playing music from your Bluetooth device.

OPERATION

FEATURES

BLUETOOTH INDICATORS

The BLUOS LED indicator serves as the blink code indicator for configuring the following Bluetooth features.

FEATURE	SETUP	BLUOS LED INDICATOR	DEFAULT SETTING
Switch to Bluetooth source	Press BLUOS button for 0 – 5 seconds and release	White	
Switch to BluOS source	Press BLUOS button for 0 – 5 seconds and release	Blue	
Disconnect Paired Bluetooth Device	Press and hold BLUOS button for 5 – 10 seconds and release	BLUOS LED indicator will change from solid white to blinking white	
Bluetooth Auto Reconnect	Press and hold BLUOS button for 10 – 15 seconds and release	Enable: blink red three times Disable: blink green three times	Disabled
Bluetooth Pairing Mode	Press and hold BLUOS button for 15 – 20 seconds and release	Enable: blink red four times Disable: blink green four times	Disabled

Refer to the following Bluetooth sections for descriptions of the features listed in the table above. Note that the SETUP process below will be executed with the unit in operating mode.

BLUETOOTH PAIRING MODE

Bluetooth pairing mode can be enabled or disabled to limit or prevent other Bluetooth devices from connecting to the C 359S.

Enable/Disable Bluetooth Pairing Mode

While the unit is in operating mode, press and hold **BluOS** source button for 15 - 20 seconds, then release. Repeat process to enable or disable Bluetooth pairing mode.

Enable

- While the unit is in operating mode, press and hold **BluOS** source button for 15 - 20 seconds, then release. POWER LED indicator blinks red four times.
- Bluetooth devices can freely pair with the C 359S.

Disable

- While the unit is in operating mode, press and hold **BluOS** source button for 15 - 20 seconds, then release. POWER LED indicator blinks green four times.
- The C 359S enters Bluetooth pairing mode only when Bluetooth is the selected source.

DISCONNECT PAIRED BLUETOOTH DEVICE

Follow the steps below to disconnect the currently paired Bluetooth device.

1. While in operating mode with a Bluetooth device connected, press and hold the BluOS source button for 5–10 seconds, then release.
2. The BluOS indicator will change from solid white to blinking white, indicating that the connected Bluetooth device has been disconnected and the C 359S has entered Bluetooth pairing mode.
3. A Bluetooth device can now be paired with the C 359S.

BLUETOOTH AUTO RECONNECT

Bluetooth connectivity can be automatically reconnected after powering on or when Bluetooth is the selected source.

Conditions for Enabling/Disabling Auto Reconnect

- Unit is in operating mode.
- Bluetooth pairing mode is enabled, or a Bluetooth device is connected or paired.

Enable/Disable Bluetooth Auto Reconnect

Press and hold **BluOS** source button for 10 – 15 seconds, then release. Repeat process to enable or disable Bluetooth auto reconnect.

Enable

- Press and hold **BluOS** source button for 10 – 15 seconds, then release. POWER LED indicator blinks red three times.
- Paired Bluetooth device will automatically reconnect after powering on or when Bluetooth is the selected source.

Disable

- Press and hold **BluOS** source button for 10 – 15 seconds, then release. POWER LED indicator blinks green three times.
- Paired Bluetooth device will not automatically reconnect after powering on or when Bluetooth is the selected source.

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	>3.7 Vrms (0.1 % THD)
Output impedance	440 ohms
Input sensitivity	160 mV (500 mV out, Volume maximum)
Frequency response	20 Hz - 20 kHz (±0.3 dB)
Maximum output voltage	>5 V (0.1 % THD)

LINE IN, HEADPHONE OUT

THD (20 Hz – 20 kHz)	<0.005 % at 1V out
Signal-to-Noise Ratio	>110 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	5 ohms

GENERAL SPECIFICATIONS

LINE IN, SPEAKER OUT

Rated output power into 8 ohms	70 W (20 Hz-80 kHz at rated THD, both channels driven)
Rated output power into 4 ohms	120 W (20 Hz-80 kHz at rated THD, both channels driven)
THD (20 Hz – 20 kHz)	<0.03 % (250 mW to 120 W, 4 ohms)
	<0.03 % (250 mW to 70 W, 8 ohms)
Signal-to-Noise Ratio	>90 dB (A-weighted, 500 mV input, 1 W out 8 ohms)
Clipping power	>130 W (1 kHz 0.3 % THD, 4 ohms)
	>75 W (1 kHz 0.3 % THD, 8 ohms)
IHF dynamic power	8 ohms: 76 W
	4 ohms: 144 W
	2 ohms: 210 W
Peak output current	>20 A (1 ohm, 1 ms)
Damping factor	>210 (20 Hz to 1 kHz, 8 ohms)
	>120 (10kHz, 8 ohms)
Frequency response	20 Hz - 20 kHz (±0.3 dB)
Channel separation	>75 dB (1 kHz)
Maximum transmit power	>70 dB (10 kHz)
Input sensitivity (70 W in 8 ohms)	510 mV
Power consumption, standby mode	0.5 W
Maximum transmit power	7 dBm ± 2 dBm

PHONO INPUT, SPEAKER OUT

THD (20 Hz – 20 kHz)	<0.05 % at 70 W out 8 ohms
Signal-to-Noise Ratio	>82 dB (10 mV in; A-weighted, 1 W out)
Input impedance (R and C)	46 kohms/100 pF
Input sensitivity	9.8 mV (70W out 1 kHz 8 ohms, 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	>63 mVrms (0.1 % THD)

OPTICAL INPUT, SPEAKER OUT

THD (20 Hz – 20 kHz)	<0.05 % at 70 W out 8 ohms
	<0.05 % at 120 W out 4 ohms
Signal-to-Noise Ratio	>90 dB (-13 dBFS in, A-weighted 1 W out)
Input sensitivity (70W 8 ohms)	-12 dBFS
Sample rate	44.1 kHz – 192 kHz
Channel separation	>75 dB (1 kHz)
	>70 dB (10 kHz)
Frequency response	20 Hz - 20 kHz (±0.3 dB)

SPECIFICATIONS

BluOS SECTION	
AUDIO	
Supported audio file format**	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS
Supported high- resolution audio file format**	FLAC, MQA, WAV, AIFF
Sampling rate	up to 192 kHz
Bit depths	16 – 24
CONNECTIVITY	
Network connectivity	Gigabit Ethernet RJ45
	Wi-Fi 5
Bluetooth quality	aptX HD 5.0
Bluetooth connectivity	Receive mode
USER INTERFACE	
Supported operating system in desktops**	Music playback from network shares on the following desktop operating systems: Microsoft Windows 10 or higher and macOS 10.3 or higher
Mobile Application	Free BluOS Controller App available for download from the respective App stores of iOS devices, Android devices, Windows or macOS desktops
SUPPORTED SERVICES**	
Streaming cloud services	Amazon Music, Bugs, Custom Channels, Deezer, IDAGIO, KKBOX, Napster, Neil Young Archives, nugs.net, Pandora, Presto Music, Qobuz, QPlay, Qsic, SOUNDMACHINE, Spotify, TIDAL, Tunify
Free internet radio	Radio, Calm Radio, iHeartRadio, LiveOne, Radio Paradise, SiriusXM, TuneIn
Integration partners	Control4, Crestron, ELAN, Lutron, Push, Roon, RTI, URC
Voice Control Integration	Skills and support for Amazon Alexa and Apple's Siri with corresponding enabled devices and App

DIMENSION AND WEIGHT	
Gross dimensions (W x H x D) ***	435 x 100 x 400 mm
	17 1/4 x 4 x 15 3/4 inches
Net weight	8.9 kg (19.6 lbs)
Shipping weight	10.7 kg (23.6 lbs)

* - After 15 minutes of no user interface interaction and no active source input
** - Support for services, audio file formats, and desktop operating systems may vary as updates become available
*** - Gross dimension includes feet, volume knob and extended rear panel terminals

Specifications are subject to change without notice. Visit www.NADelectronics.com for the latest C 359S documentation, features and product information.



www.NADelectronics.com

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