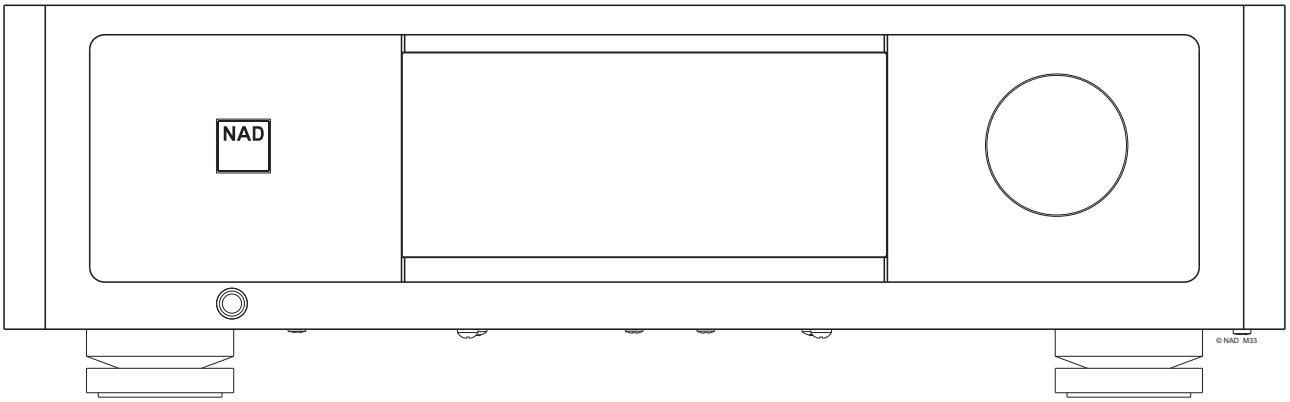
ENGLISH

M33 V2

BluOS Streaming DAC Amplifier



Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

ENGLISH

- **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 noSt 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

RESPONSIBLE PARTY

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

CAN ICES-3 (B)/NMB-3(B)

This Class B digital apparatus complies with Canadian ICES-3

EU CONFORMITY STATEMENT

CE This product and, if applicable, the supplied accessories are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Radio Equipment Directive 2014/53/EU and EMC Directive 2014/30/EU.

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

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.
- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.
- 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 or bottom 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.
- Battery cannot be subjected to high or low extreme temperatures, low air pressure at high altitude during use, storage or transportation.
- Replacement of a battery with an incorrect type that can result in an explosion or the leakage of flammable liquid or gas.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- An appliance with a protective earth terminal should be connected to a mains outlet with a protective earth connection.
- The device for operation in the band 5150–5250 MHz is for indoor use only to reduce the potential for harmful interference to co-channel mobile satellite systems.
- Operating temperature: 0 – 40 °C

MPE REMINDER

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. 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.

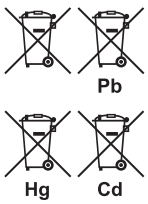
NOTES ON ENVIRONMENTAL PROTECTION

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.

BE	SK	PT	NL	LU
DE	BG	FI	RO	AT
ES	EE	CZ	SE	SI
CY	FR	IE	DK	UK
LV	HR	EL	PL	MT
LT	IT	HU		

FREQUENCY BAND AND TRANSMISSION POWER

The following frequency band and transmission power are used in this product:

Radio Network	Frequency Band in MHz	Maximum Transmission Power in mW/dBm
Bluetooth	2400 – 2483.5	5.69/7.55
WLAN 2.4 GHz	2412 – 2472	32/15.05
WLAN 5 GHz	5180 – 5320; 5500 – 5700; 5745 – 5825	22/9.65

ENGLISH

TABLE OF CONTENTS

WHAT'S IN THE BOX

Packed with your M33V2 you will find

- Two detachable mains power cord
- SRM 1 remote control with 2 AA batteries
- Mic Assembly with Ferrite Base
- USB MIC Sound Adaptor
- Four pieces of magnetic feet
- Cleaning cloth
- Important Safety Instruction sheet
- Quick Setup Guide

NOTE

Follow supplied Quick Setup Guide to help you get started with your M33 V2.

SAVE THE PACKAGING

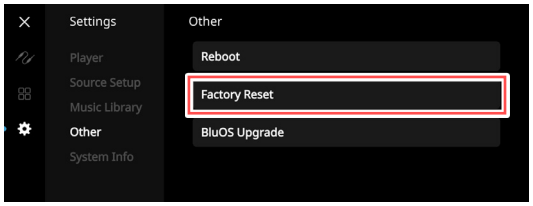
Please save the box and the packaging that came with the M33 V2. Should you move or need to transport your M33 V2, this is the safest container to use. We've seen too many otherwise perfect components damaged in transit for lack of a proper shipping carton. So please, save that box!

FACTORY RESET

Factory Reset is recommended if your M33 V2 is not functioning or internet firmware upgrade has failed. All customization including Wi-Fi network configuration, file shares and saved playlists or settings will be lost. They have to be re-created once factory reset is completed.

M33 V2 can be factory reset or restored to factory default settings using any of the following methods.

1 Via Front Panel Display



Go to **Settings - Other** menu option and select **Factory Reset** to initiate restoring of the M33 V2 to factory default settings. Follow the prompt commands.

2 Force Factory Reset

a Press and hold rear panel RESET tact switch and while doing so, turn ON the rear panel POWER switch. Do not release hold of the RESET tact switch.

b Hold down the RESET tact switch - STATUS INDICATOR (NAD logo) flashing white.

c Release the RESET tact switch as soon as the front panel display shows "Factory Reset…"

d Successful Factory Reset is indicated by the unit rebooting.
- For wireless connection, M33 V2 returns to Hotspot mode and STATUS INDICATOR (NAD logo) indicator turns into solid white.
- For wired connection, M33 V2 will simply connect as if it was a new player and NAD logo indicator turns into solid white.

IMPORTANT

Releasing the Standby button switch at any time before the STATUS INDICATOR (NAD logo) begins flashing red will cancel the factory reset and leave the M33 V2 at Upgrade Mode. Just start again the procedure for Factory Reset.

NETWORK SETUP

Connect your M33 V2 to your home network via **Wired** or **Wireless** connection.

A. WIRED CONNECTION

Using an Ethernet cable (not supplied), connect one end to M33 V2's LAN port and the other end directly to your home network or router.

B. WIRELESS CONNECTION

Connect M33 V2 to your wireless network using any of the following four methods.

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

Condition: M33 V2 must be at hot spot mode. M33 V2 default setting is at hot spot mode.

IMPORTANT!

- *The following procedures may change over time without notice. Always check the M33 V2 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 BluOS downloads at https://bluos.io/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 M33 V2 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 M33 V2.
c Scroll down to **SETUP NEW AIRPLAY SPEAKER**. Select your M33 V2 player indicated by **M33 V2-xxxx** where **xxxx** corresponds to the last 4 digits of the MAC (Media Access Control) address* of your M33 V2.
d When **AirPlay Setup** screen comes up, select **Next**. Note that you can also customize the name of your M33 V2 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.

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 M33 V2'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 M33 V2 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 M33 V2 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.

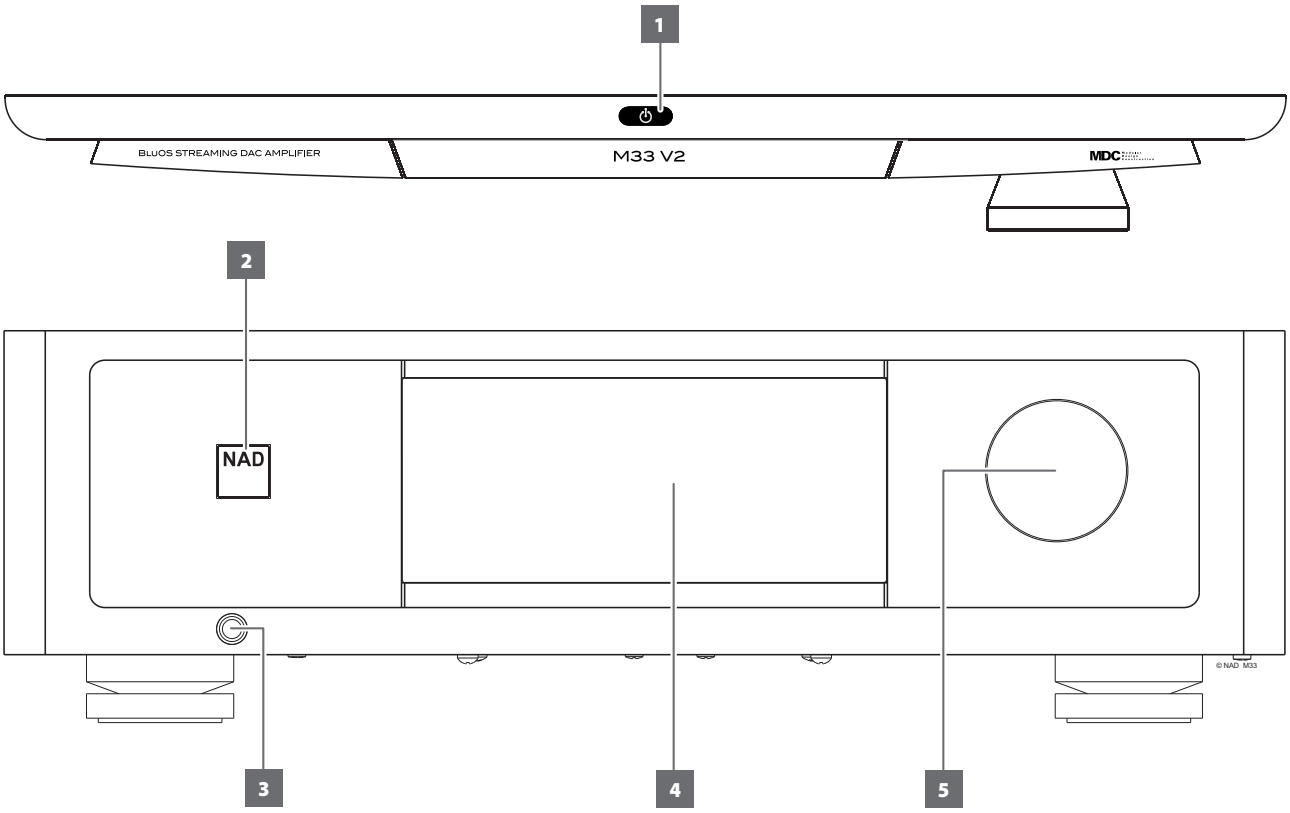
* The M33 V2's unique network ID is listed as the product name (i.e., M33 V2) immediately followed by the last four digits in the MAC (Media Access Control) address (example: M33 V2-ACF7).

3 USING ANDROID DEVICE

a Open BluOS App. BluOS will look for Players. Available players will appear under **My Players** screen prompt.
   i. If not prompted, select **Players** icon in the bottom portion of the App.
   ii. From upper right corner of the App, select **+** to launch Easy Setup Wizard.
b Select your M33 V2's unique network ID* from the **My Players** window.
   i. Select your Home Wi-Fi Network from the **Choose WiFi Network** drop down menu.
   ii. If your Home Wi-Fi Network does not appear or is hidden, select **Manual SSID Entry**.
   iii. Enter **SSID** name.
   iv. Select the Network Security your network uses under **Choose Security Method**.
c Enter your home network's Wi-Fi **Password** in the field provided and select **Continue**.
d Select or enter preferred **Name** to customize your M33 V2 for easier identification in the Player Drawer. Select **Continue**.
e 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.
f Network setup process is completed when **Setup Complete** is shown in the App. Select **Finish** to exit the setup process.

INTRODUCTION

FRONT PANEL



1 ⏻ (STANDBY)

- Press briefly top panel touch control ⏻ (Standby) button for the M33 V2 to be switched ON from standby mode. The STATUS INDICATOR (NAD logo) will turn from amber to white color.
- Pressing ⏻ (Standby) button again switches back M33 V2 to standby mode. The STATUS INDICATOR (NAD logo) will illuminate to amber color at standby mode.
- Auto Standby mode can be enabled or disabled via the touch panel display by navigating to Settings → Player → Auto Standby.
- The ⏻ (Standby) button cannot activate the M33 V2 with the rear panel POWER switched off.
- Refer also to OPERATION - USING THE FRONT PANEL DISPLAY.

IMPORTANT NOTES

- *Refer also to +12V TRIGGER IN (OFF/AUTO) of IDENTIFICATION OF CONTROLS - REAR PANEL.*
- *For the ⏻ (Standby) button to activate, two conditions must be completed.*
  - *a Plug-in the supplied mains power cord to mains power source. Connect corresponding end of the mains power cord to the AC mains input of M33 V2 and the plug connected to mains power source.*
  - *b The rear panel POWER switch must be set to ON position.*

2 STATUS INDICATOR (NAD LOGO)

- This indicator will be amber when M33 V2 is in standby mode.
- When M33 V2 is powered up from standby mode, this indicator will change from amber to solid white.

Table of the NAD logo indicator's color blink codes and their corresponding descriptions.

BLINK CODES	DESCRIPTION
Alternately flashing red and white	Upgrade mode
Solid red	Powering up, rebooting, booting up
Solid amber	Standby mode
Solid white	Indexing
Solid white	Connected to network – ready to use with BluOS App Operating mode

3 HEADPHONE

- A 1/4" stereo jack socket is supplied for headphone listening and will work with conventional headphones of any impedance.
- 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.
- Inserting a headphone jack into this socket automatically switches off output in SPEAKERS, PRE OUT and SUB OUT 1-2.
- If a DIRAC filter is active, it will be automatically disabled when headphones are connected. Removing the headphone jack will restore output in SPEAKERS, PRE OUT, and SUB OUT 1-2 and will also re-enable the DIRAC filter if applicable.

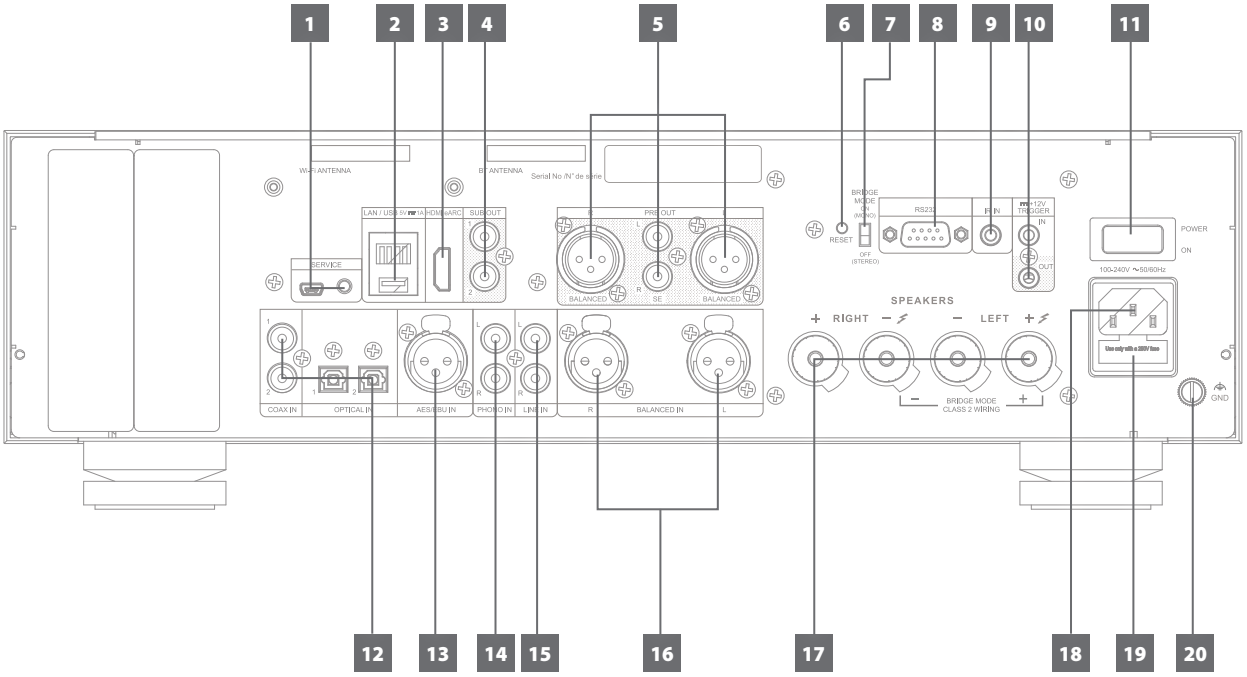
4 DISPLAY (TOUCH PANEL DISPLAY)

- Display visual information about current music or media source, settings or menu options
- Touch control functions are also displayed depending upon menu option selected.

5 VOLUME

- The VOLUME control adjusts the overall loudness of the signal driving the speakers or headphones.
- Turn clockwise to increase the volume level; counter clockwise to lower it.
- The default volume level is -40dB (50%).
- If the unit enters standby mode with the volume level set above -40 dB, it will automatically reset to the default -40 dB level upon waking up. However, if the volume level is set below -40 dB when entering standby mode, that lower volume setting will be retained when the unit powers back on.

REAR PANEL



ATTENTION!

Please ensure that the M33 V2 is powered off or unplugged from the mains power outlet 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 SERVICE

- The USB port and tact switch are for servicing purposes only. Not for consumer use.

2 LAN/USB

LAN

- LAN connection must be set up for wired connection to be established. Set up a Wired Ethernet broadband router with broadband internet connection. Your router or home network should have a built-in DHCP server to establish connection.
- Using a standard straight-through Ethernet cable (not supplied), connect one end of the Ethernet cable to the LAN port of your wired Ethernet broadband router and the other end to M33 V2's LAN port.

NOTES

- *NAD is not responsible for any malfunction of the M33 V2 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.*

USB

- Connect to this USB port a USB drive formatted as FAT32 or NTFS.
- Upon detection of the connected USB drive, an onscreen prompt appears in the BluOS App and also in the front panel display.

Yes: USB drive is shared with other players on the network from the local Library. Select "Library" from the BluOS App to access the shared USB drive files.

No: USB drive access is restricted only to M33 V2. The connected USB drive appears as a Local Source (USB) in the BluOS App. Access and playback music stored in the connected USB drive by selecting "USB" from the BluOS App.

3 HDMI eARC

- Connect to TV that supports HDMI Control (CEC) and Audio Return Channel (ARC) or Enhanced Audio Return Channel (eARC) functions. HDMI CEC, ARC and eARC functions are possible if external devices that also support these features are interconnected to M33 V2 via HDMI connection.
- Use HDMI cable to connect HDMI ARC/eARC to corresponding HDMI ARC/eARC port of TV. Use HDMI cable that has Ultra High-Speed HDMI Certification Label to enjoy support for larger bandwidth and high bitrate format.
- With ARC/eARC connection established, M33 V2 will output audio signal from TV.

NOTES

- *Ensure that the audio setting/format of ARC/eARC-connected devices to M33 V2 is set to PCM only.*
- *The HDMI eARC port on the M33 V2 supports only audio output from the TV.*
- *The HDMI eARC port on the M33 V2 does not support video output.*

4 SUB OUT 1-2

- Connect SUB OUT 1-2 to the low-level input of corresponding powered subwoofer.
- Low frequency information below the selected crossover setting is sent to the connected subwoofer.
- SUB OUT 1 and SUB OUT 2 are only active when enabled via "Select Attached Speakers" option in the BluOS App or the front panel menu.
  - 1 Subwoofer: A subwoofer is connected to SUB OUT 1 only.

IDENTIFICATION OF CONTROLS

REAR PANEL

- 2 Subwoofers: A subwoofer is connected to SUB OUT 1 and another subwoofer is connected to SUB OUT 2.
- No Subwoofer: No subwoofer is connected to either SUB OUT 1 or SUB OUT 2

IMPORTANT NOTE

When no subwoofers are connected, ensure that "No Subwoofer" is selected; otherwise, low-frequency audio will be filtered out from the main speakers.

5 PRE OUT

BALANCED

- PRE OUT is the main output port that connects the M33 V2 to the corresponding audio input ports of external amplifiers. This makes it possible to use the M33 V2 as a pre-amplifier for such devices.
- It is recommended to use M33 V2's BALANCED PRE OUT if the external amplifier has corresponding BALANCED input port.

SE (SINGLE-ENDED)

- Use single-ended (SE) for sources that are not equipped with BALANCED analog audio input.
- Use twin RCA-to-RCA leads to connect single-ended (SE) PRE-OUT to the corresponding analog audio input of compatible devices such as amplifiers, receivers or other applicable devices.

NOTES

There is no audio output at PRE-OUT (BALANCED and SE) if

- *Headphones are connected to HEADPHONES jack in the front panel.*
- *M33 V2 is in Bluetooth Headphones mode.*

6 RESET

- Use this tact switch to force the factory reset of the unit. Refer to item about FORCE FACTORY RESET under FACTORY RESET section.

7 BRIDGE MODE

The M33 V2 amplifier can be set to Mono (Bridge Mode), which triples the Left Channel output power.

- 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.
- In Bridge Mode (switch at ON (MONO) setting), the M33 V2 will produce approximately 700W into an 8-ohm speaker. In this mode, the amplifier section will react as though the speaker impedance has been halved.

BRIDGE MODE OVERVIEW

- In Bridge Mode, connect the M33 V2 PRE OUT Right channel (BALANCED or SE) to the input of a compatible external power amplifier.
  - The NAD M23 V2 is a recommended match, as its amplifier section aligns closely with the M33 V2 when both are configured in Bridge Mode.
- When bridging the M33 V2 with the M23 V2, ensure both units are completely powered off. This setup allows the M33 V2 to operate as part of a high-power stereo or home theater system.

Connection

- Connect M33 V2 PRE OUT R (BALANCED or SE) to the M23 V2 AUDIO INPUT (LEFT, BRIDGE MODE) (BALANCED or SE).

M33 V2 Configuration

- Set BRIDGE switch to ON (MONO) position.
- Connect the LEFT speaker to the M33 V2 SPEAKERS terminals:
  - M33 V2 SPEAKERS LEFT (+) to LEFT speaker (+)
  - M33 V2 SPEAKERS RIGHT (–) to LEFT speaker (–)

M23 V2 Configuration

- Set BRIDGE MODE switch to ON (BRIDGE) position.
- On the AUDIO INPUT (LEFT, BRIDGE MODE) channel, set the SELECT switch to SE (L) or BALANCED (L) to match the M33 V2 PRE OUT R connection type.
- Do not use the AUDIO INPUT (RIGHT). Set its SELECT switch to SE (R) or BALANCED (R) according to the M33 V2 PRE OUT R type.
- Connect the RIGHT speaker to the M23 V2 SPEAKERS terminals:
  - M23 V2 SPEAKERS LEFT (+) to RIGHT speaker (+)
  - M23 V2 SPEAKERS RIGHT (-) to RIGHT speaker (–)
- Set the GAIN LEVEL switch on the M23 V2 rear panel to the MID position to ensure equal output levels for both channels.

Optional Trigger Connection

- To enable synchronized power control between the M33 V2 and M23 V2, connect a 3.5 mm audio cable from the M33 V2 +12V TRIGGER OUT to the M23 V2 +12V TRIGGER IN.

8 RS 232

- NAD is an integration partner with several smart control and automation systems like Control4, Crestron, LUTRON among others. Check out NAD website for a list of NAD's integration partners. See your NAD audio specialist for more information.
- Connect this interface using RS-232 serial cable (not supplied) to any Windows compatible PC to allow remote control of M33 V2 via compatible external controllers.
- Refer to NAD website for information about RS232 Protocol documents and PC interface program.

9 IR IN

- This input is connected to the output of an IR (infrared) repeater (Xantech or similar) or the IR output of another compatible unit, enabling remote control of the M33 V2 from a different location.

10 +12V TRIGGER IN/OUT

+12V TRIGGER IN

- Connect +12V TRIGGER IN to an external device's corresponding +12Vdc trigger output jack using a 3.5 mm audio cable.
- Ensure that the external device is equipped with +12Vdc trigger output.
- When +12V TRIGGER IN is activated by the +12Vdc trigger output from the external device, the M33 V2 can be remotely switched ON from standby mode. If the external +12Vdc trigger output is disconnected or turned off, the M33 V2 will return to standby mode.

+12V TRIGGER OUT

- The +12V TRIGGER OUT is utilized to control an external device with +12Vdc input.
- Use a a 3.5 mm audio cable to connect +12V TRIGGER OUT to the corresponding +12Vdc input jack on the external device.
- The +12V TRIGGER OUT will be 12V when the M33 V2 is ON and 0V when it is turned OFF or in standby mode.

11 POWER

- Supplies the AC mains power to the M33 V2.
- When the POWER switch is set to ON position, the M33 V2 goes to standby mode as shown by the amber status condition of STATUS INDICATOR (NAD logo) indicator.
- Press briefly the top panel touch control ⏻ (Standby) button or SRM 1's remote control's ⏻ button to switch ON the M33 V2 from standby mode.
- If you do not intend to use the M33 V2 for long periods of time (such as when on vacation), switch off the POWER switch.

- With POWER switched off, neither the top panel touch control ⏻ (Standby) button nor SRM 1 remote control's ⏻ button can activate the M33 V2.

12 COAX IN 1-2/OPTICAL IN 1-2
- Connect to corresponding optical and coaxial digital output of sources such as CD players, streamers, digital cable box, digital tuners and other applicable components.
- The sources will appear as "Optical 1", "Optical 2", "Coaxial 1" and "Coaxial 2" in the navigation drawer of the BluOS App.

13 AES/EBU IN
- Digital audio stream from professional audio sources can be connected to this XLR connector. For high-end sources with higher sampling rates like 176kHz and 192kHz, it is highly recommended that such sources be interfaced with the AES/EBU IN connector. The AES/EBU IN is well suited to handle such sources with high sampling rate.
- The source will appear as "AES/EBU" in the navigation drawer of the BluOS App.

14 PHONO
- Input for either MM or MC phono cartridge.
- Connect the twin RCA leads from your turntable to this input.
- If your turntable includes a ground/earth lead, it can be connected to the GND (Ground) terminal (refer to item 20 below).
- The source will appear as "Phono" in the navigation drawer of the BluOS App. Select Phono Type (MM or MC) via the front panel menu options.

15 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 these line input ports.
- The source will appear as "Line In" in the navigation drawer of the BluOS App.

16 BALANCED IN
- 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).
- The source will appear as "Balanced In" in the navigation drawer of the BluOS App.

17 SPEAKERS
- Connect M33 V2's Right speaker terminals marked "R +" and "R-" to the corresponding "+" and "-" terminals of your designated right speaker. Repeat the same for M33 V2's Left speaker terminals and corresponding left speaker.
- Double check the speaker connections before powering up the M33 V2.

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.*

18 AC MAINS INPUT
- The M33 V2 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 M33 V2'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 M33 V2's AC Mains input socket.

19 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 M33 V2.

20 GND (GROUND) TERMINAL
- Ensure that the M33 V2 is plugged in 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 a separate earth ground is necessary, use this terminal to ground your M33 V2. The M33 V2 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.
- If your turntable includes a ground/earth lead, it can be connected to this Ground Terminal (refer to item 14 above).

IDENTIFICATION OF CONTROLS

SRM 1 REMOTE CONTROL

USING SRM 1 REMOTE CONTROL

1 **LED indicator:** Blinks whenever a command is sent.

2 ☀ **:** Vary brightness level of the front panel display and Status Indicator (NAD logo)

3 ⏻**:** Switch from low power standby mode (no display, NAD logo in amber color) to operating mode and vice-versa.

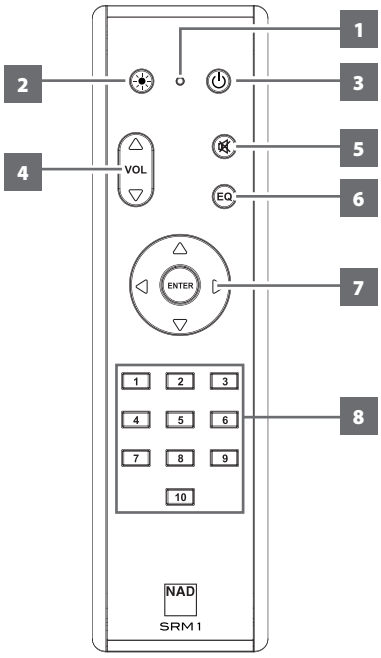
4 **▲VOL▼:** Increase or decrease volume level

5 🔇**:** Temporarily switch off or restore audio. Press again or adjust Volume level to restore audio.

6 **EQ:** Toggle to select through saved Dirac Filter settings

7 ▲/▼: User defined. Function can be assigned via IR Learning.
► : Go to the next song/file
◄ : Go to the beginning or previous song/file
ENTER : Start or pause playback

8 **1 to 10 numbered buttons:** Select saved BluOS Preset number



PRESETS

Using the Preset buttons on the SRM 1 remote control, you can easily switch between BluOS Preset 1 through 10 without opening the BluOS app.

PROGRAMMING

Both ▲ and ▼ buttons on the navigation dial of the SRM 1 remote control are not assigned any commands and are programmable. You can assign or program applicable commands to these buttons via IR Learning (Settings > Player > IR Remote > IR Learning).

CHANGING IR CHANNELS

If you have multiple NAD and Bluesound players in your home and want to control them with your SRM 1 remote control, you can adjust the IR Channel setting on the remote control to prevent unintended commands from being sent to your other players.

NOTE

To ensure proper communication between the SRM 1 remote control and the M33 V2, both devices must be set to the same IR Channel.

CHANGING THE IR CHANNEL ON THE SRM 1 REMOTE CONTROL

The SRM 1 remote control can be set to any IR Channel from 0 to 7.

To change the IR Channel

1 Press and hold both the ⏻ button and the Preset number button that matches your desired IR Channel.
2 The LED indicator will flash red continuously.
3 Release both buttons when the LED indicator briefly turns off. It will then flash red intermittently before turning off completely.

To reset to IR Channel 0

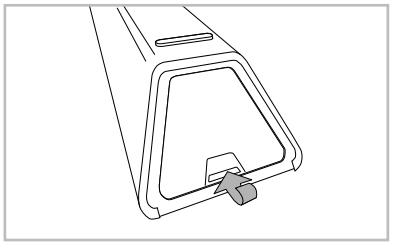
Remove the batteries from the remote control and reinstall them. This will reset the IR Channel to the default setting (Channel 0).

CHANGING THE IR CHANNEL ON THE M33 V2

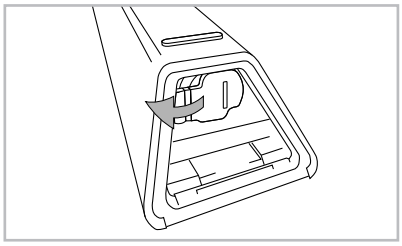
1 Use the front panel display to access the menu options
2 Navigate to: Settings → Player → IR Channel.
3 Select the desired IR Channel.

BATTERY INSTALLATION

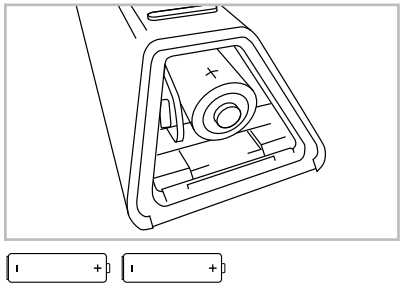
1 Push and lift open the pin of the battery cover.



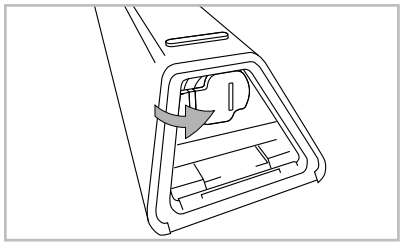
2 Open the battery hatch.



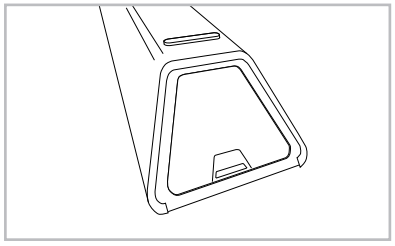
3 Insert the supplied two AA batteries.



4 Push the battery hatch until it clicks close.



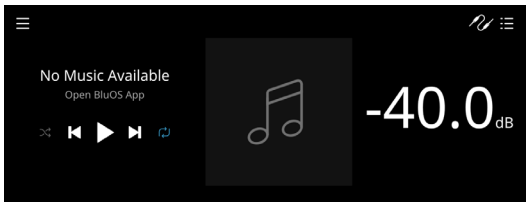
5 Restore the battery cover.



OPERATION

USING THE FRONT PANEL DISPLAY

The intuitive front panel display allows the user to perform and navigate through several functions, features and Sources of M33 V2. Touch anywhere in the front panel display and below menu options will become available.



IMPORTANT!

The menu options can only be setup via the intuitive front panel display. Use of SRM 1 remote control to activate and navigate through the menu options is not supported.

NAVIGATING THE FRONT PANEL DISPLAY ITEMS AND MAKING CHANGES

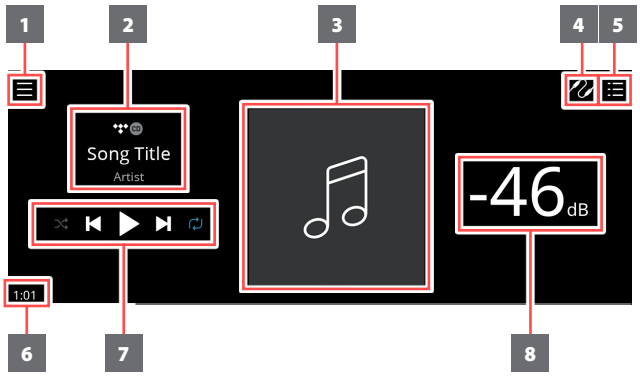
Use your finger to touch, swipe and navigate through the front panel display items. Touch or swipe (left, right, upwards or downwards) to select or configure an item.

NOTE

SWIPE – From above display setting, when you swipe your finger from left to right or vice-versa along the "Source" area of the display, current Source changes to the next or previous Source.

SAMPLE DISPLAY SCREEN

NOW PLAYING

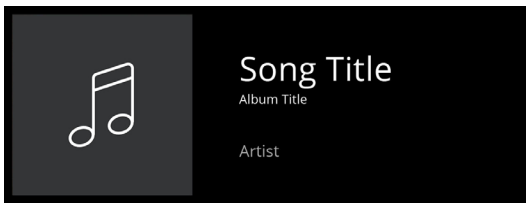


1 New screen is opened showing **Sources**, **Presets** and **Settings** menu options.
2 Information about album title, song title and artist name
Logo or icon for music service provider or media source input (analog, optical, coaxial, Bluetooth, HDMI ARC, etc.)
3 Album art cover
4 Source list is displayed where one can select desired Source to access or playback contents. Refer also to "SOURCES" item below.
5 Display "Play Queue" that was setup via the BluOS App. "Play Queue" is a list of songs or tracks that are populated and put on queue via the BluOS App.

6 Elapsed playback time of current media
7 Playback controls for applicable media (song, title, file, music station and others)
⏭ Skip to next media
⏯ Play or pause current media
⏮ Skip back to previous media
🔁/🔀 Repeat and random mode controls are also available for selection
8 Volume level

FRONT VIEW

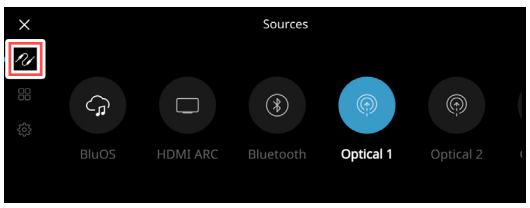
Now Playing display will switch to selected **Front View** default screen if there is no user interaction within 10 seconds. Front View display will remain until a user interface is made. Front View display can be configured via **Settings-Source Setup-Sources** menu.



MENU OPTIONS

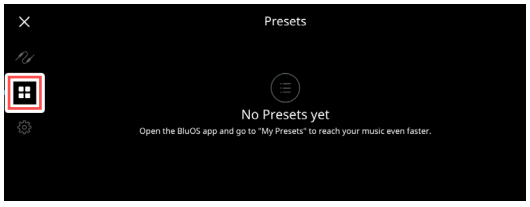
SOURCES

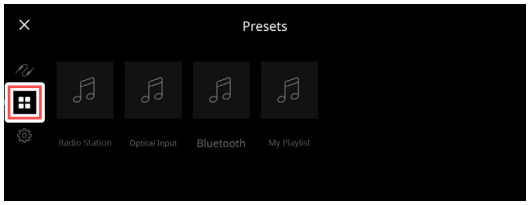
Select preferred Source to access or playback contents



PRESETS

Use BluOS App to program into Presets your favourite radio stations, music streams, playlists or Sources

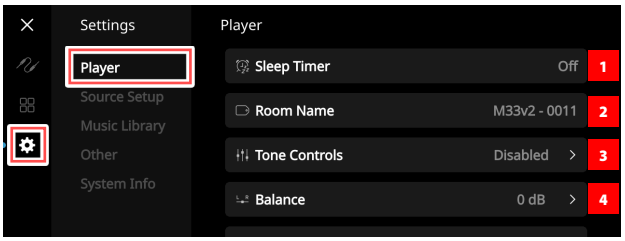




SETTINGS

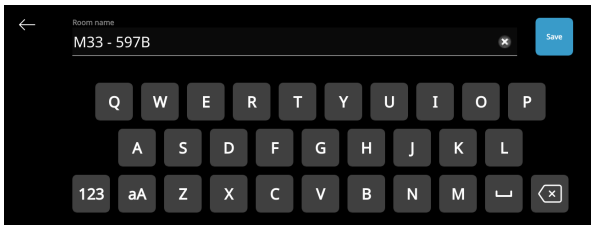
Configure or display M33 V2 settings

PLAYER

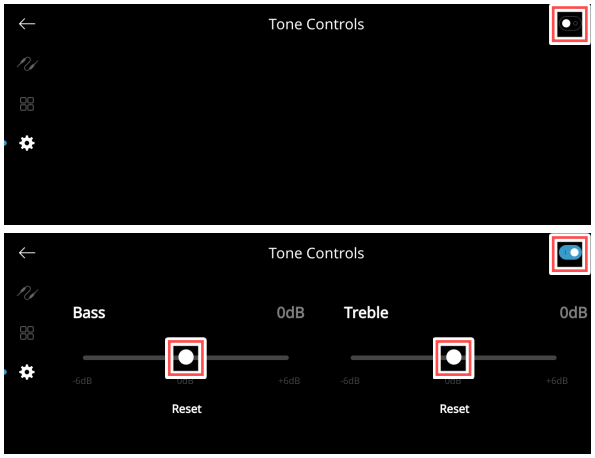


1 **Sleep Timer:** Stop playback after a set amount of time via gentle volume decline

2 **Room Name:** Create a customized room name for the M33 V2 using the pop up keyboard

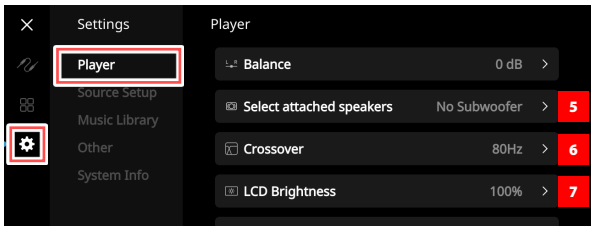


3 **Tone Controls:** Swipe to boost or reduce Bass and Treble response. Tone Control levels, Bass and Treble, can be turned ON/OFF or Reset.



4 **Balance:** Balance control adjusts the relative levels of the left and right speakers. Swire right to shift the balance to the right or swipe to the left to shift the balance to the left. "0 dB" level setting provides equal level to the left and right channels.

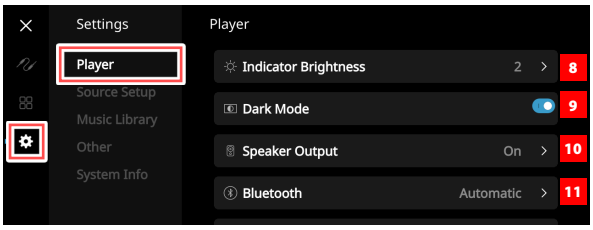
5 **Select attached speakers:** Select corresponding option depending upon the subwoofer connected - 1 Subwoofer (connect to SUB OUT 1 only), 2 Subwoofers or No Subwoofer



6 **Crossover:** The subwoofer will reproduce only low frequency information below the selected crossover setting.

7 **LCD Brightness:** Set LCD brightness level from 0% to 100%

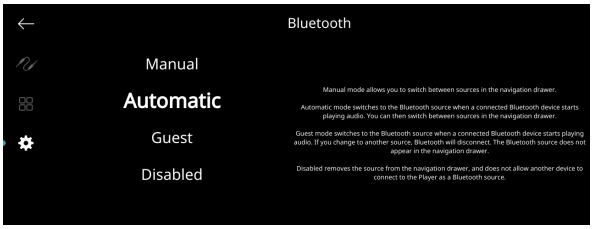
8 **Indicator Brightness:** Adjust NAD logo indicator brightness level from 0 to 2



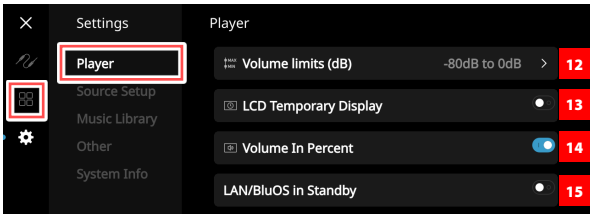
9 **Dark Mode:** Background of Front View display for particular source is either dark (enabled) or bright (disabled)

10 **Speaker Output:** Turn On or Off speaker output

11 **Bluetooth:** Set Bluetooth connection to Manual, Automatic, Guest or Disable Bluetooth availability



12 **Volume limits (dB):** Set volume range from lowest to highest level in dB units

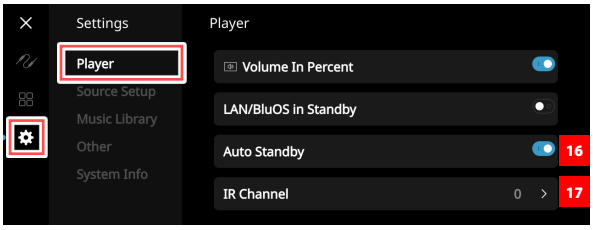


13 **LCD Temporary Display:** Enabled mode will turn off display temporarily after 1 minute of non-user interface. Disabled mode will keep display shown.

14 **Volume In Percent:** Volume level is displayed in percent when enabled. At disabled mode, volume level is displayed in dB.

15 **LAN/BluOS in Standby:** Status of LAN and BluOS activity are indicated while the unit is in standby mode. LAN and BluOS connections continue to be active at enabled mode. At disabled mode, LAN and BluOS connections are idle or inactive.

16 **Auto Standby:** M33 V2 can be set up to automatically go to standby mode if the current Source has no active audio input for 30 minutes. At enabled mode, unit will go to standby mode automatically if the current Source has no active audio input for 30 minutes. At disabled mode, unit remains active even if the current Source has no active audio input.



17 **IR Channel:** The M33 V2 has the capability to operate via alternate IR channel. This is useful if you have two NAD products that can be operated by similar remote control commands. With alternate IR Channel, two different NAD products can be controlled independently in the same zone by setting each one to a different IR channel.

OPERATION

USING THE FRONT PANEL DISPLAY

IR Channel Assignment

The M33 V2 and the SRM 1 remote control must be set to the same IR channel.

To change the IR Channel on the M33 V2

- While at "IR Channel" option, select through IR Channel number options from 0 to 7. The default IR Channel is "0".

To change the IR Channel on the SRM 1 remote control

a Press and hold both the ⏻ button and the Preset number button that matches your desired IR Channel.

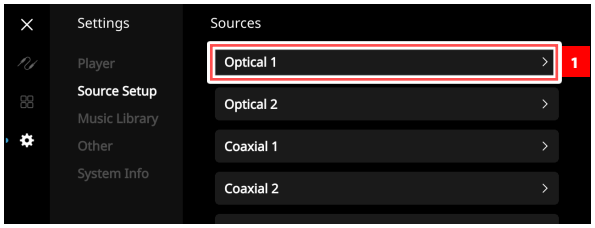
b The LED indicator will flash red continuously.

c Release both buttons when the LED indicator briefly turns off. It will then flash red intermittently before turning off completely.

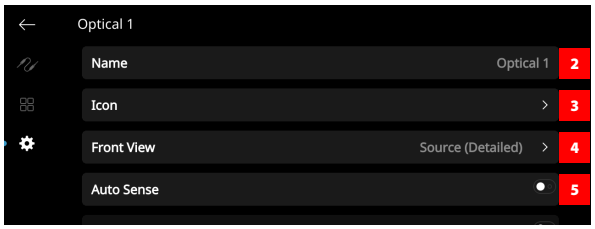
SOURCE SETUP

Select and configure Source

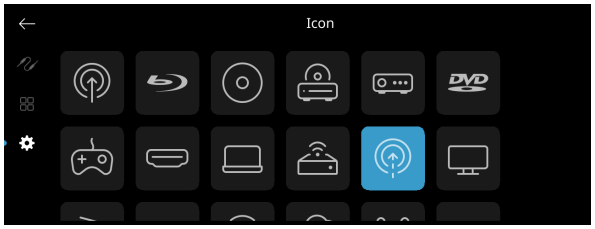
1 **Sources:** Select Source to configure



2 **Name:** Customize the Source's Name using the pop-up keyboard



3 **Icon:** Select and assign icon for the selected Source

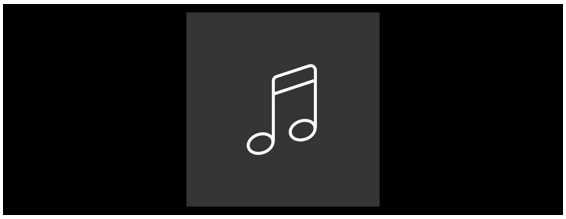


4 **Front View:** Front display layout and contents can be configured by selecting the following options

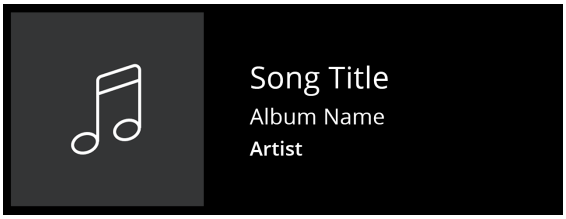
- Album Only, Album and Text, Album, Text and VU, Text Only
- Source (Simple), Source (Detailed)
- Analog VU meter, Digital VU.

A combination of above options is available depending upon the Source selected.

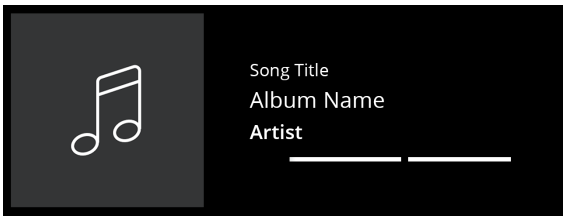
- **Album Only:** display album/title art, station ID symbol or icon only



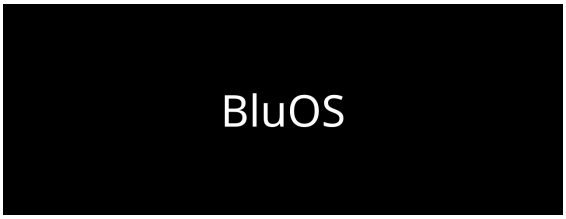
- **Album and Text:** display album/title art, station ID symbol, icon and other information like album name, song title, artist name, title of the show, show host, current title of song being played back, etc.



- **Album, Text and VU:** display all the information indicated above for Cover Art and Meta Data plus VU meter*

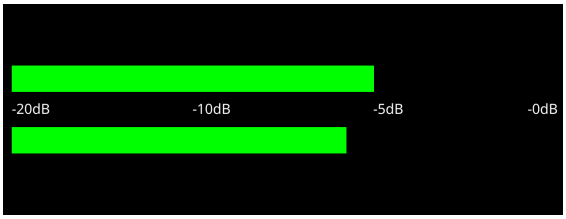


- **Source (Simple):** display Source name only which is "BluOS" or name of Cloud or Radio Service

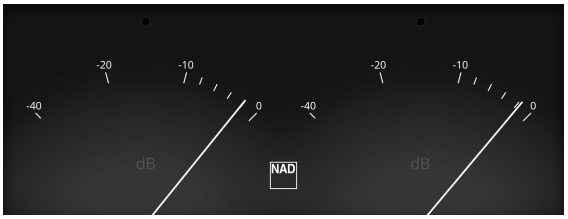


- **Source (Detailed):** display Source name plus other information like volume level.

- **Digital VU Meter**



- **Analog VU Meter**



VU Meter monitors or reflects audio input level of current BluOS source. If "Mute" is enabled, the VU meter will not turn off or go to minimum level as it is the audio output that is muted.

5 **Auto Sense (not applicable for Phono and BluOS Sources):** At enabled mode, unit wakes up from standby mode when triggered by an applicable active Source.

6 **MQA Pass-through (applies only to Coaxial and Optical Sources):** Enable MQA Pass-through for the M33 V2 to act as MQA decoder or renderer when MQA certified CD player or other MQA certified devices are connected to coaxial or optical input ports.

7 **A/V Mode:** By connecting your TV or other video sources to your M33 V2 through coaxial, optical or HDMI input ports, you can listen to your favorite shows or movies through your BluOS system. Grouping multiple BluOS devices from one of these inputs can require an abundance of network traffic. A/V mode creates a short and unobtrusive buffer to your audio to ensure your BluOS system stays in sync with your video even with slower or cluttered networks.

Enabled: With A/V Mode enabled on your input source, audio delay will be automatically adjusted to keep your grouped BluOS devices in sync with the video source connected. Use the Lip-sync delay option below the A/V Mode setting to manually select the delay time to better suit the speed of your network.

Disabled: When your M33 V2 is connected to an audio source without video, such as a turntable or CD player, the A/V Mode setting should be disabled.

8 **Lip-sync delay:** With A/V Mode enabled, "Lip-sync delay" can be adjusted to ensure your audio is staying in sync over your network with the original video source. By varying "Lip-sync delay" from 50ms to 150ms, one can delay the audio output to synchronize it with the video image of the corresponding source.

9 **Hide Source:** Activate or deactivate selected Source

10 **ADC Sample Rate (applies to Analog Sources only)**

An analog audio input is converted to digital signal by making use of M33 V2's superb circuitry called analog-to-digital converter (ADC).

Using this ADC Rate feature, the sampling rate of the resulting digital audio signal ((available when using BluOS multi-room streaming)) can be converted into three levels - 48K, 96K and 192K. Make sure that the associated equipment will be able to handle the applicable digital audio signal level.

11 **Analog Gain (applies to Analog Sources only)**

Gain adjustment allows all sources to play back at the same volume level so you don't need to adjust the volume every time a new source is selected. It is generally preferable to reduce the level of the loudest source rather than making louder the softer sources.

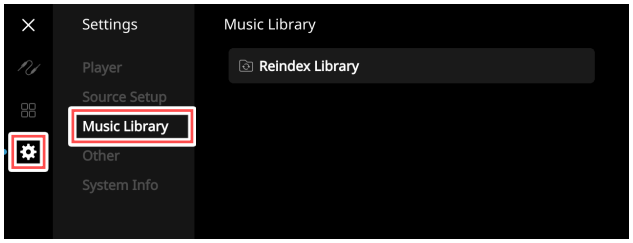
12 **Phono Type (applies to Phono Sources only)**

Select either MM (moving magnet) or MC (moving coil) depending upon the connected turntable's phono cartridge.

OPERATION

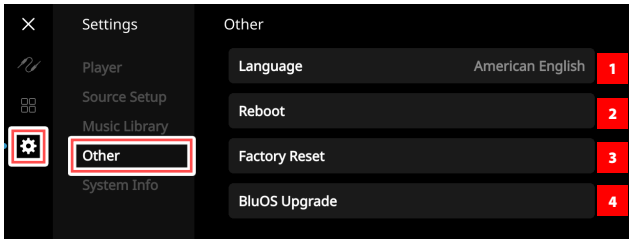
USING THE FRONT PANEL DISPLAY

MUSIC LIBRARY



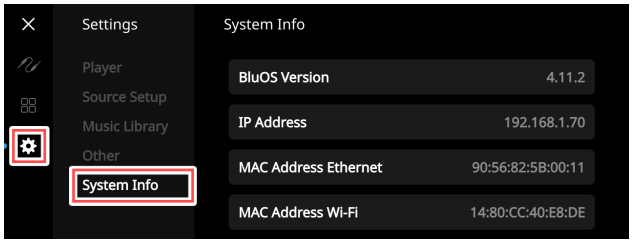
1 **Reindex Library:** Scan for new files added to the Music Library

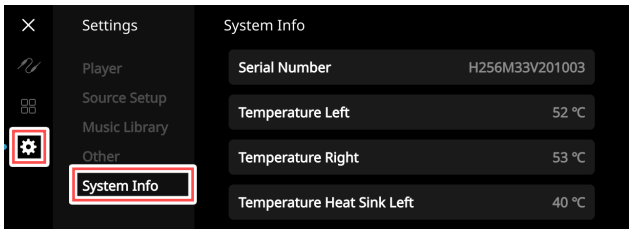
OTHER



1 **Language:** Select available language. The screen display will be shown in the selected language.
2 **Reboot:** Cycle power by powering off and powering back the unit.
3 **Factory Reset:** Restore to factory default settings
4 **BluOS Upgrade:** Select "BluOS Upgrade" to initiate BluOS upgrade mode. When "BluOS Upgrade" prompt appears, select "Yes" to start BluOS upgrade process. Follow the display screen prompt to complete the upgrade procedure.

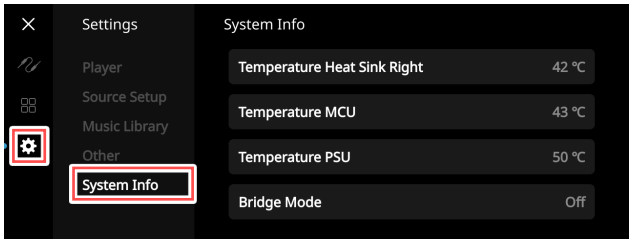
SYSTEM INFO





Display information about the following parameters

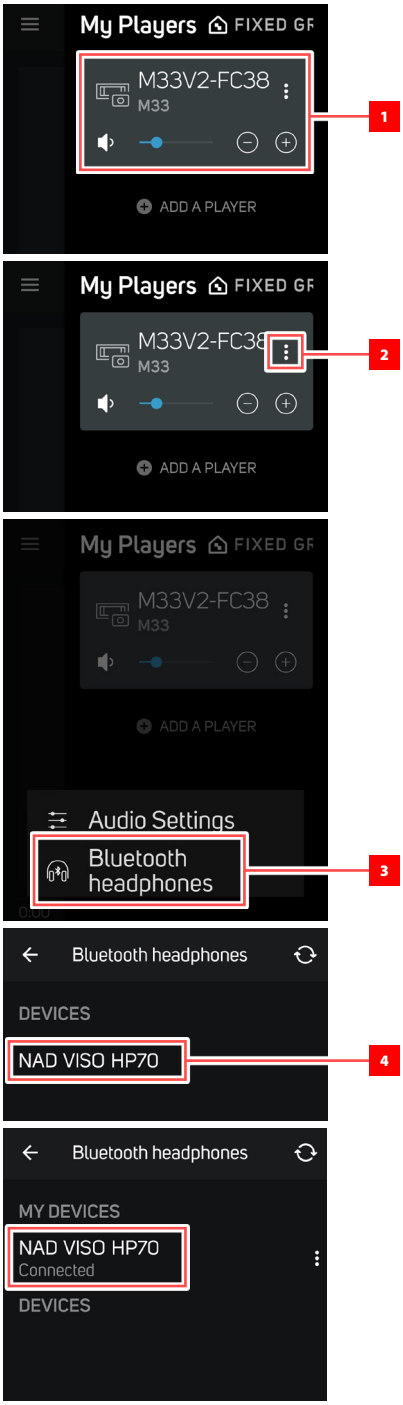
- Show current or detected information about **BluOS firmware version, IP Address, MAC Address Ethernet, MAC Address Wi-Fi and unit serial number**

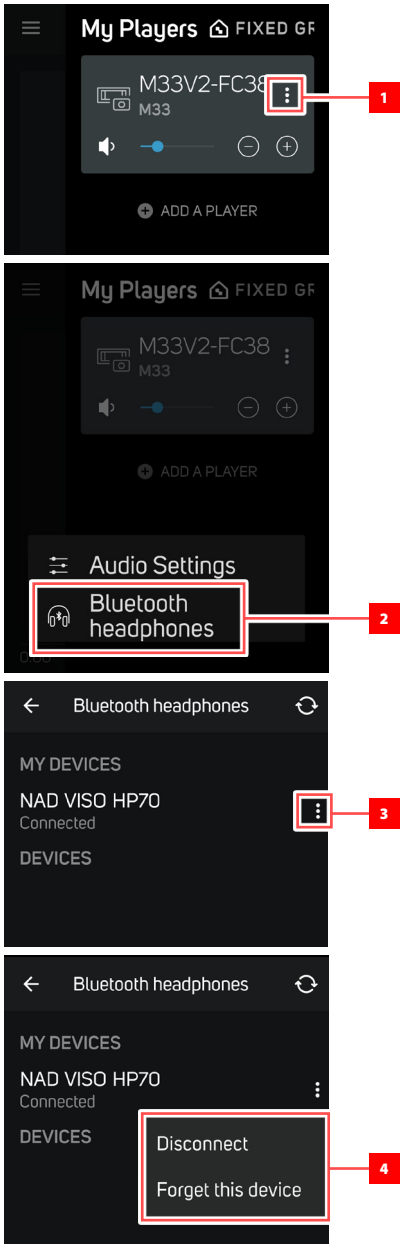


- **Temperature Left/Temperature Right:** If the internal temperature of either left or right amplifier channel reaches 91 degrees centigrade, M33 V2 will turn off automatically and a protect message will be shown in the display. Once the temperature falls below 80 degrees centigrade, M33 V2 will turn on again and the protect message display will be cleared.
- **Temperature Heat Sink Left/Temperature Heat Sink Right/ Temperature MCU/Temperature PSU:** Display temperature as measured over "Temperature Heat Sink Left", "Temperature Heat Sink Right", "Temperature MCU" or "Temperature PSU".
- **Bridge Mode:** "On" or "Off" is shown depending upon the setting (ON/OFF) of the Bridge Mode switch at the rear panel.

BLUETOOTH HEADPHONE/SPEAKER PAIRING

Bluetooth headphones/speakers can be paired to your M33 V2 using the BluOS Controller App.





OPERATION

FEATURES

MAKING THE MOST OF YOUR M33 V2

Download the BluOS App from the respective App stores of Apple iOS devices (iPad, iPhone and iPod), Android devices, Windows or Mac desktops and also from BluOS downloads at *bluos.io/downloads*.

Launch the BluOS App and explore everything from your streaming music services, internet radio stations, networked music collections and favorites with quick and easy single-search discovery.

Visit *support.nadelectronics.com* for more information about setup and operation guidelines of your M33 V2.

DIRAC LIVE

M33 V2 includes a license for Dirac Live Room Correction Limited, which allows for room correction up to 500Hz. Most issues with room acoustics are in the bass region, and with Dirac Live Limited, you will be able to experience much faster, tighter and controlled bass from your NAD system.

Dirac Live Room Correction technology works by analyzing the acoustic properties of a room, such as size, shape, and any objects that might affect sound waves. Using a microphone to measure sound output, Dirac Live identifies anomalies and distortions and then optimizes the sound from your speakers to counteract these irregularities and ensure the best listening experience.

Connect the supplied calibrated microphone to the M33 V2's USB port and then launch the Dirac Live app on a smart device or personal computer.

Create an account with Dirac that will also be used to login to the Dirac program. Download also the Dirac Live App from the respective App stores of Apple iOS devices (iPad, iPhone and iPod), Android devices, Windows or Mac desktops and also from BluOS downloads at *Dirac Live downloads*.

www.dirac.com/register
www.dirac.com/live/downloads
nadelectronics.com/dirac

Once you have registered or created a Dirac account, followed all Dirac initial setup requirements and your M33 V2 online, you can see your M33 V2 when Dirac Live app is launched.

The app will walk you through the calibration process and then generate correction filters that compensate for acoustic problems like standing waves and unwanted reflections. You'll enjoy more textured bass, improved tonal accuracy, vastly improved clarity, and more focused imaging.

M33 V2 – DIRAC LIVE ROOM CORRECTION LIMITED

The M33 V2 includes a license for Dirac Live Room Correction Limited, which enables room correction up to 500Hz. Since most room acoustic issues occur in the bass region, Dirac Live Limited helps deliver tighter, faster, and more controlled bass performance from your NAD system.

HOW DIRAC LIVE WORKS

Dirac Live analyzes your room's acoustic characteristics—such as its size, shape, and the presence of reflective surfaces or furniture that can distort sound. Using a calibrated microphone, the system measures the output of your speakers, detects anomalies, and applies corrections to optimize sound quality. The result is a significantly improved listening experience, with reduced distortion, improved clarity, and more accurate imaging.

GETTING STARTED

1 Connect the Microphone
Plug the supplied calibrated microphone into the M33 V2's USB port.

2 Download the Dirac Live App
Install the Dirac Live app on your smart device or computer. The app is available for:
- iOS (iPhone, iPad, iPod)
- Android devices
- Windows or macOS computers

3 Create a Dirac Account
Sign up at: *www.dirac.com/register*
Use this account to log in to the Dirac Live app.

4 Connect the M33 V2
Make sure your M33 V2 is powered on and connected to your network. When you launch the Dirac Live app, the M33 V2 should appear automatically.

5 Run the Calibration
The app will guide you through the measurement and calibration steps. Once complete, Dirac Live will apply filters that correct for room-induced distortions, resulting in:
- Deeper, more textured bass
- Improved tonal balance
- Better clarity and imaging
- A more immersive and natural listening experience

Helpful Links

- *Create a Dirac Account*
- *Download Dirac Live App*
- *More Info on NAD + Dirac*

MASTER QUALITY AUTHENTICATED

Master Quality Authenticated (MQA) is a revolutionary end-to-end technology built into M33 V2 that captures and delivers master quality audio. M33 V2 includes a powerful decoder and audio renderer for the MQA system. This ensures that MQA-encoded audio files sound exactly like the source. MQA indicators are both shown in the front panel display and in the BluOS app.

AMPLIFIER SECTION	
LINE IN, SPEAKER OUT	
Rated output power (20 Hz-20 kHz at rated THD, both channels driven)	>380 W into 4 ohms >200 W into 8 ohms
Rated output power, Bridge mode (20 Hz – 20 kHz at rated THD)	>700 W into 8 ohms
Input sensitivity	1.5 V (200W 8 ohms, Volume maximum)
THD + N (20 Hz – 20 kHz)	<0.003 % (1W to 200 W, 8 ohms and 4 ohms)
Signal-to-Noise Ratio	>98 dB (A-weighted, 1 W out in 8 ohms) >120 dB (A-weighted, 200 W out in 8 ohms)
Clipping power	>210 W (0.1 % THD 1 kHz 8 ohms)
IHF dynamic power	4 ohms: 560 W 8 ohms: 280 W
Peak output current	≥25 A (0.1 ohm, 1 mS)
Damping factor	>800 (8 ohms, 20 Hz to 6.5 kHz)
Frequency response	(20 Hz -20 kHz) ±0.2 dB

PREAMPLIFIER SECTION	
LINE IN, BALANCED IN	
Input impedance (R and C)	53 kohms/280 pF
Input sensitivity	Line IN: 460 mV (500 mV out, Volume maximum) Balanced IN: 250 mV (500 mV out, Volume maximum)
Maximum input level	3.5 Vrms
Tone controls	Treble: ±6 dB at 15 kHz Bass: ±6 dB at 40 Hz
PRE OUT	
Maximum output level	SE OUT: 3.6 Vrms (0.1% THD) Balanced OUT: 7.6 Vrms (0.1% THD)
Signal-to-Noise ratio	>120 dB (A-weighted, 2 V out)
Output impedance	Source Z + 49.9 ohms
SUB OUT (1 SUBWOOFER, 2 SUBWOOFERS)	
Maximum output level	3 Vrms (0.1 % THD 100Hz)
Signal-to-Noise ratio	>88 dB (20 Hz-20 kHz 1V out)
THD+N	<0.005 % (20 Hz-200 Hz 1V)
Output impedance	Source Z + 220 ohms
PHONO	
Input sensitivity (500 mV out Volume maximum)	MM: 5 mV MC: 370 uV
Input impedance (R and C)	MM: 25.6 kohms/180 pF MC: 100 ohms/280 pF
Signal-to-noise ratio (A-weighted, 500 mV PRE OUT 1 kHz)	MM: >93 dB MC: >73 dB
THD+N (500 mV PRE OUT 1kHz)	MM: <0.003 % MC: <0.03 %
RIAA response accuracy MM/MC	(20 Hz -20 kHz) ±0.2 dB
HEADPHONE	
Output impedance	Source Z + 3.3 ohms
Output power	>300 mW/32 ohms

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
USB	1 x Type-A port for connection to USB memory stick (FAT32 or NTFS formatted) and supported peripherals

SPECIFICATIONS

Bluetooth quality	aptX HD 5.0
Bluetooth connectivity	Two-Way (Receive and Headphone modes)
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 Apple iOS devices (iPad, iPhone and iPod), Android devices, and Windows or macOS desktops
Front panel	7-inch full colour touch screen
Remote control	SRM 1 remote control
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*	Audacy, 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
POWER CONSUMPTION	
Standby power	<0.5W (Auto standby ON) <7W (Network standby) <40W (idle power)
DIMENSION AND WEIGHT	
Gross dimensions (W x H x D)**	435 x 133 x 396 mm 17 1/8 x 5 1/4 x 15 5/8 inches
Shipping weight	18.4 kg (40.6 lbs)

* - Supported audio file format, cloud services and free internet radio are subject to change without notice.

** - 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 M33 V2.

www.NADelectronics.com

M33V2-OM-EN-15 - NOV 2025