



M50

Digital Music Player

ENGLISH



Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

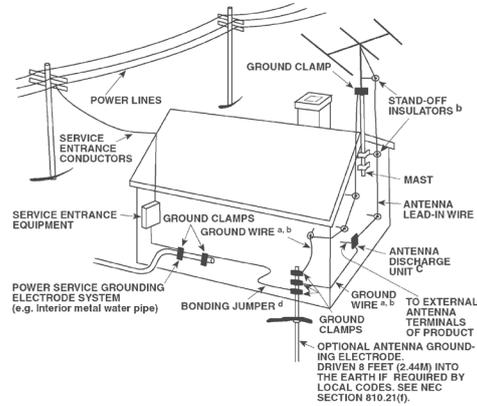
SAVE THESE INSTRUCTIONS FOR LATER USE.

FOLLOW ALL WARNINGS AND INSTRUCTIONS MARKED ON THE AUDIO EQUIPMENT.

- 1 Read instructions** - All the safety and operating instructions should be read before the product is operated.
- 2 Retain instructions** - The safety and operating instructions should be retained for future reference.
- 3 Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
- 4 Follow Instructions** - All operating and use instructions should be followed.
- 5 Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6 Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 7 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.
- 8 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.
- 9**  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.
- 10 Ventilation** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and 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.
- 11 Power Sources** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. The primary method of isolating the amplifier from the mains supply is to disconnect the mains plug. Ensure that the mains plug remains accessible at all times. Unplug the AC power cord from the AC outlet if the unit will not be used for several months or more.
- 12 Grounding or Polarization** - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 13 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.
- 14 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.

NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



- 15 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.
 - 16 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.
 - 17 Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
 - 18 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.
- WARNING: THE APPARATUS SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING, AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THE APPARATUS. AS WITH ANY ELECTRONIC PRODUCTS, USE CARE NOT TO SPILL LIQUIDS INTO ANY PART OF THE SYSTEM. LIQUIDS CAN CAUSE A FAILURE AND/OR A FIRE HAZARD.**
- 19 Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) 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.
 - e) If the product has been dropped or damaged in any way.
 - f) when the product exhibits a distinct change in performance—this indicates a need for service.
 - 20 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.
 - 21 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.
 - 22 Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

IMPORTANT SAFETY INSTRUCTIONS

Battery must not be exposed to excessive heat such as sunshine, fire or the like.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

FCC WARNING (USA NOTICE)

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

LABELING INFORMATION

This device complies with Part 15 of the FCC rules. 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.

RF EXPOSURE STATEMENT

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operated in conjunction with any antenna or transmitter other than those contained in this device.

RESPONSIBLE PARTY

LENBROOK AMERICA
6 Merchant Street
Sharon, MA 02067
USA
Telephone: 800 263 4641; 781 784-8586
Facsimile: 781 784-8386

This device complies with Part 15 of the FCC Rules. 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.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE

This equipment has been tested and found to comply with the limits for a 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.

CANADA NOTICE

"This Class B digital apparatus complies with Canadian ICES-003."

This device complies with Industry Canada license-exempt RSS-210. Operation is subject to the following two conditions: (1) this device may not cause Interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- no naked flame sources such as lighted candles should be placed on the apparatus;
- the use of apparatus in tropical climate



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 MAYBE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



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



CAUTION

This equipment employs a Laser System. To ensure proper use of this product, please read the complete owner's manual, available online at www.nadelectronics.com/ support, and retain for future reference. Should the unit require maintenance, contact an authorized service location. Use of controls, adjustments or the performance of procedures other than those specified may result in exposure to laser radiation. To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when the enclosure is opened.

DO NOT STARE INTO BEAM



CAUTION REGARDING PLACEMENT

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

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

WARNING

If this product is used at 240VAC, a suitable attachment plug should be used.

IMPORTANT SAFETY INSTRUCTIONS

EUROPEAN UNION NOTICE FOR WIRELESS PRODUCT



Products bearing the CE marking comply with the R&TTE Directive (1999/5/EC), EMC Directive (2004/108/EC) and the Low

Directive (2006/95/EC) issued by the Commission of the European Community. Indoor use only.

NOTES ON ENVIRONMENTAL PROTECTION



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

The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials or other forms of recycling of old products, you are making an important contribution to the protection of our environment. Your local administrative office can advise you of the responsible waste disposal point.

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



Pb

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



Hg

Cd

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

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

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

RECORD YOUR MODEL NUMBER (NOW, WHILE YOU CAN SEE IT)

The model and serial number of your new M50 are located on the back of the cabinet. For your future convenience, we suggest that you record these numbers here:

Model no:

Serial no.:

IMPORTANT SAFETY INSTRUCTIONS2**INTRODUCTION**

WHAT'S IN THE BOX	6
QUICK START GUIDE.....	6

IDENTIFICATION OF CONTROLS

FRONT PANEL.....	8
REAR PANEL	10

OPERATION

SETTING UP YOUR M50.....	13
SETTINGS.....	13
RIP/ENCODE CONTROL PANEL	15
USING iPad AS M50 CONTROLLER	16
NAVIGATION CONTROLS AND ICONS.....	16
PLAYER NOTIFICATION	16
LIBRARY	17
CREATING A PLAYLIST	19
MANAGING YOUR PLAYLIST	19
DELETING A PLAYLIST	20
PLAYBACK DISPLAY OF CURRENT SONG.....	21
TUNEIN.....	22
MY FAVORITES.....	22
DISPLAY OF CURRENT BROADCAST	23
WIMP.....	24

REFERENCE

SPECIFICATIONS	25
-----------------------------	-----------

INTRODUCTION

GETTING STARTED

WHAT'S IN THE BOX

Packed with your NAD M50 you will find Accessories box containing the following

- 120V AC Power cord
- 230V AC Power cord
- M50 remote control with 2 AA batteries
- Wireless antenna
- Quick Start Guide

QUICK START GUIDE

In case you simply cannot wait to experience the performance of your new M50, we provide the following "Quick Start Guide" instructions to get you underway.

CONNECT FOR SOUND

- Using corresponding cable connectors (not supplied), connect M50's DIGITAL AUDIO ports to corresponding digital audio input of receivers, home theater systems or digital processors.

CONNECT TO NETWORK

- Using an Ethernet cable (not supplied), connect one end to the M50's LAN port and the other end directly to your Wired home network or router.

Alternatively, the M50 can also be connected by Wireless connection. See section about "CONNECT TO WiFi".

CONNECT TO POWER

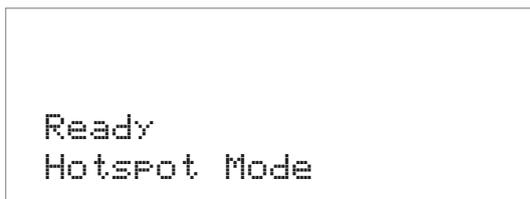
The M50 comes supplied with two separate AC power cords. Select the AC power cord appropriate for your region.

- 1 Before connecting the plug to the wall outlet, connect firmly first the other end of the AC power cord to M50's AC Mains input socket.
- 2 Set to ON the POWER switch at the rear panel and then press the front panel Standby button.
- 3 Out of the box and the M50 powered up for the first time, the M50 will have its initial reboot process that will end with the VFD showing

With Wired connection



With Wireless connection



NOTES

- *Never force the plug into a wall outlet. An adaptor may be necessary in certain regions.*
- *Always disconnect the plug from the wall outlet first, before disconnecting the cable from the M50's AC Mains input socket.*

CONNECT TO WiFi

- 1 Connect the supplied wireless antenna to the WiFi antenna terminal at the rear panel. Power up your M50.

IMPORTANT!

For wireless connection to be established, ensure that the supplied wireless antenna is installed and Wireless (WiFi) broadband router with broadband internet connection is setup and available.

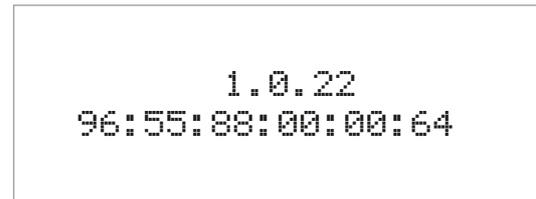
- 2 Use your iPad (not provided) to search for the WiFi network matching your M50's unique network ID and join it.

For example: "M50-0064" where "0064" are the last four numbers of the unique Internet MAC identifier of your M50. You can check your M50's unique Internet MAC identifier by undertaking the following steps

- a Press front panel's MENU button.
- b VFD will show



- c Use the remote control's [▼] or front panel's [⏪] to scroll down to "Info". Press remote control's [D] or front panel's [▶▶] and the VFD will show



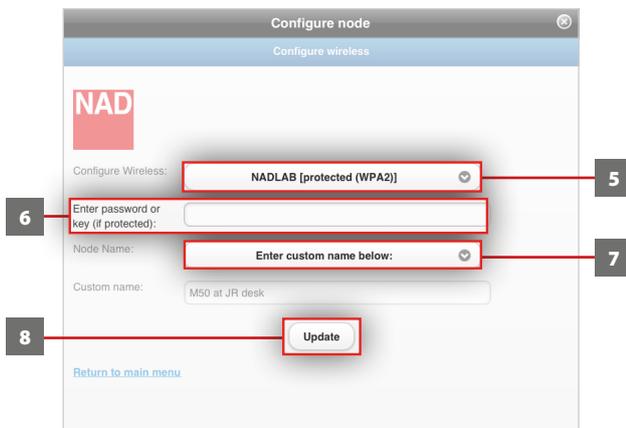
"00:64" is the same last four numbers in the "M50-0064" example above.

- 3 By selecting "M50-0064" from the "Choose a Network..." list in the "Wi-Fi" tab of Settings menu of your iPad, the "Configure node" menu window should automatically open. If not, open a web browser on your device and visit <http://10.1.2.3/>

- 4 Select "Configure WiFi".



- 5 Select your home network or applicable wireless network name (SSID) from the "Configure wireless" drop down menu.



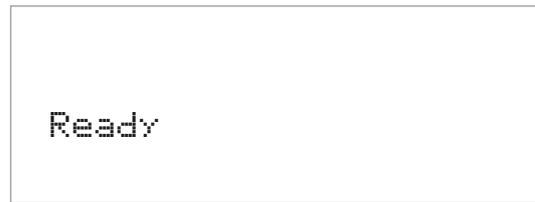
- 6 Enter your home network's Wireless Password (Passphrase, WEP/WAP key as applicable) in the field "Enter password or key (if protected)".

The Password (Passphrase, WEP/WAP key as applicable) is the same Password that was setup or generated during the configuration of your home router or gateway. An incorrect password entered in the "Configure wireless" screen will simply cause the unit to timeout and return to Hotspot Mode.

Trying multiple passwords will not damage the device in any way. If you are not sure what is your Password, login to your router and locate the Password in the applicable setup screen for Wireless Configuration section. Refer to your router's documentation for further information.

- 7 Select a "Node name" from the drop down list or use the on-screen keyboard to create a customized room name in the field "Custom name".

- 8 Select "Update" and wait for the VFD to show



Your M50 is now connected to your home network and ready to be used with the NAD M50 controller App.

DOWNLOAD THE APP

Using your iPad, download from the iTunes App Store the free NAD M50 controller App.

CONNECT TO MUSIC

You're ready to stream Internet Radio!

- Go to the Music Sources menu by tapping the Home menu icon.
- Launch and select your favorite radio station from anywhere on the planet. Live!

To play music stored on a computer or NAS device,

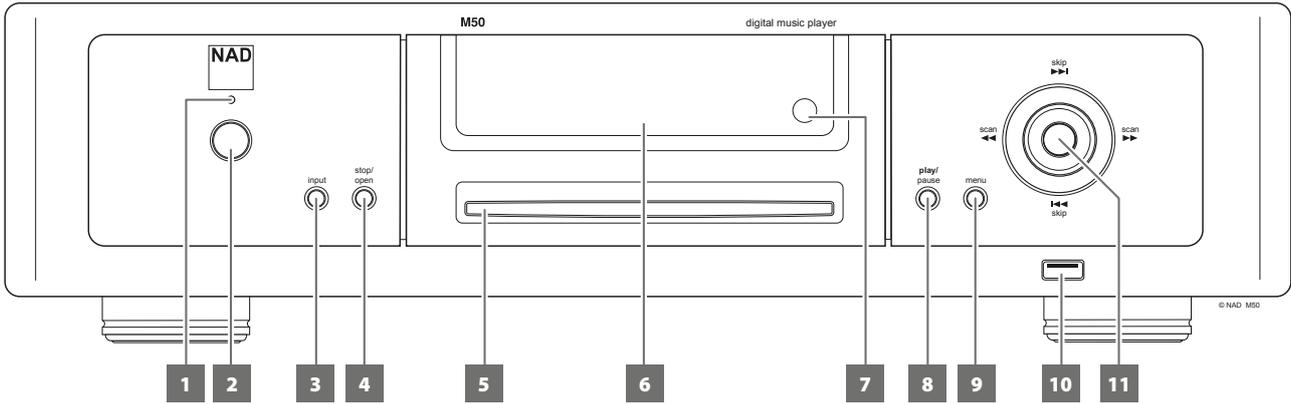
- Select the Settings icon on the upper right corner of the iPad display.
- Choose "Configure node" from the pop-up menu, and then "Configure network shares".
- Follow the screen prompts, and open your whole home to the pleasure of streaming HiFi music.

IMPORTANT NOTE!

This manual uses iPad as the reference controller when using the NAD M50 App. A separate manual or guideline will be issued for other compatible devices like Android or iPhone.

IDENTIFICATION OF CONTROLS

FRONT PANEL



1 STANDBY LED

- This indicator will light up amber upon switching ON the rear panel POWER switch.
- When the front panel Standby button is pressed to power up the M50 from standby mode, this indicator will illuminate blue.

2 STANDBY BUTTON

The rear panel POWER switch must be at ON position for the Standby button to activate. Pressing the Standby button will result to varying actions or responses and is best illustrated by the table below.

ACTION/RESPONSE		RESULT
STANDBY BUTTON	STANDBY LED	
After switching ON the rear panel POWER button, press from standby mode.	Turns from amber to blue.	M50 is powered up. VFD is illuminated.
With M50 already powered ON, toggle button.	Remains illuminated in blue.	M50 remains ON. VFD is turned on or off.
Press and hold... until Standby LED turns to solid amber.	Flashing amber and then turns to solid amber.	M50 switches to standby mode. VFD is turned off.
With the M50 at standby mode, press Standby button or any front panel button.	Turns from amber to blue.	M50 is powered up. VFD is illuminated.

3 INPUT

Switch input Sources when available. Toggle INPUT button to select through the following Sources

- USB Front, USB Back - Maybe connected with a standard storage mass device or the optional M52 which will rip directly a loaded CD.
- Library - Makes available songs from shared computer, NAS or M52.
- CD - Playback loaded CD.

4 STOP/OPEN

Pressing STOP/OPEN during disc playback will cause the M50 to stop playback and then eject the loaded disc.

5 DISC SLOT

Insert a CD face down into this slot and playback will automatically start provided the M50 is not connected to an active M52 (optional device).

IMPORTANT NOTES

- *The M50 must stand-alone, i.e. not connected to an active M52, for a loaded CD to be automatically played back. A CD inserted into the disc slot will be directly ripped to a connected M52 drive.*
- *Only Audio CD can be played back by a stand-alone M50. If a CD-R/RW with data files is inserted into the disc slot, it will directly be indexed/shared with the network the M50 is connected to.*

6 VACUUM FLUORESCENT DISPLAY (VFD)

Display visual information about the media being played. Information supplied is generated by the media.

7 REMOTE SENSOR

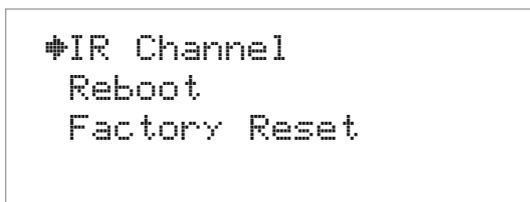
- Point the remote control at the remote sensor and press the buttons.
- Do not expose the remote sensor of the M50 to a strong light source such as direct sunlight or illumination. If you do so, you may not be able to operate the M50 with the remote control.

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

Angle: About 30o in each direction of the front of the remote sensor.

8 MENU

Display main menu options. Use the remote control's ▲/▼ buttons to move up or down the menu selections. Press ▶ to select a menu item (use ◀ to return to the main menu or previous display). Having selected a menu item, use ▲/▼ buttons to select an option and then press ENTER to confirm selection. Upon pressing ENTER, the display will revert back to the main menu window.



WiFi Hot Spot Mode

- **Enabled:** Upon powering up, M50 goes to normal procedure of connecting to network and then to Hot Spot mode.
- **Disabled:** M50 bypasses connecting to network and goes directly to "Ready" mode. It does not go to Hot Spot mode.

M52 Disk Usage: Information is shown about the status of the M52 hard drives like total, used and remaining disk space.

Info: Display information about the current software version and the unit's unique Internet MAC identifier.

IR Channel

The M50 has the capability to operate via alternate IR channel. This is practically 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.

- **Channel 0:** Default IR channel setting of M50 to Channel 0. The IR Channel for both the M50 and remote control must be set to IR Channel 0 for full interface.
- **Channel 1:** Default IR channel setting of M50 to Channel 1. The IR Channel for both the M50 and remote control must be set to IR Channel 1 for full interface.

IMPORTANT NOTES

- *The IR Channel feature is compatible only with programmable NAD remote controls like the AVR 4 and HTR-series remote controls.*
- *The M50 remote control is defaulted to IR Channel 0. The M50 remote control has no feature that will allow it to switch IR channels so ensure that the corresponding IR Channel setting of your M50 is set to Channel 0.*

Reboot

Yes: Restart your M50 again.

No: Reboot is not initiated.

Factory Reset

Yes: Restore your M50 to its factory default settings.

No: Do not initiate factory reset.

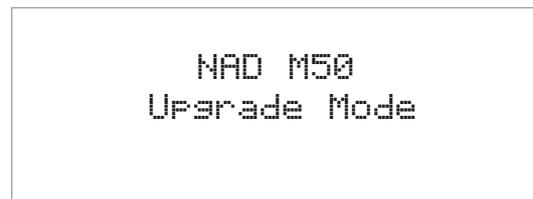
9 ◀◀/▶▶/◀◀/▶▶, ENTER

- Press ▶▶ to skip forward or ◀◀ to skip backward a track or song.
- Press ◀◀/▶▶ to scan fast-forward or fast-reverse during playback.
- The front panel ◀◀/▶▶/◀◀/▶▶ and ENTER buttons simulate respectively the same functions of the remote control ◀/▶/◀/▶ and ENTER buttons. Use these buttons to navigate through the MENU options.

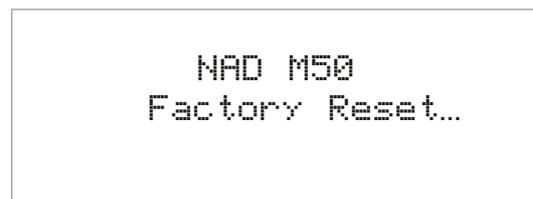
Another way to restore your M50 to its factory default settings is by undertaking the following steps.

HOW TO RESET M50

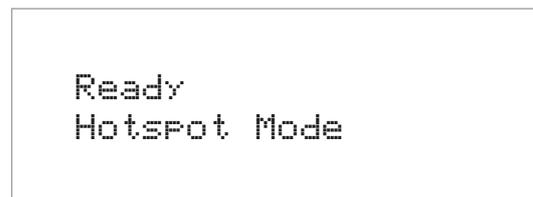
- While keeping hold of front panel Standby button (press and hold), set to ON the POWER switch at the rear panel. The blue Standby LED will continuously flash and the VFD will show



- Continue press and hold of Standby button (for more than 30 seconds) until VFD will show



- Release hold of the Standby button.
- With the blue Standby LED continuously flashing, the M50 will eventually restart and undergo normal start up procedure.
- The VFD will end up showing



(If connected via Wireless connection)

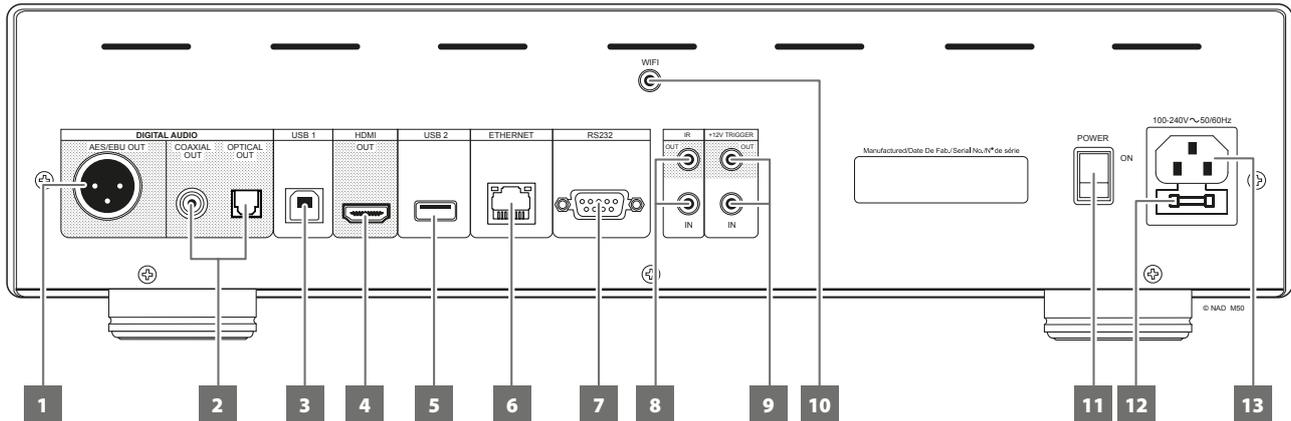


(If connected via Wired connection)

You are now ready to use or configure your M50.

IDENTIFICATION OF CONTROLS

REAR PANEL



1 AES/EBU OUT

Connect AES/EBU OUT to corresponding AES/EBU IN of compatible devices (like the NAD M2 or NAD M51) to stream digital audio content. For high-end sources with higher sampling rates like 176kHz and 192kHz, it is highly recommended that this AES/EBU OUT be interfaced with the AES/EBU IN connector of a corresponding device. Such interface is well suited to handle such sources with high sampling rate.

2 COAXIAL OUT, OPTICAL OUT

Connect COAXIAL OUT or OPTICAL OUT to corresponding digital audio input of compatible devices such receivers, computer soundcard or other digital processors.

3 USB 1 (TYPE B)

- Use for servicing purposes only. Not for consumer use. Only authorized NAD service personnel can access this USB port.

4 HDMI OUT

Connect HDMI OUT to compatible devices with HDMI input. This is not video output. It output audio component only and supports 24/192 HD Audio in PCM's native I2S format.

5 USB 2 (TYPE A)

- USB 2 is the corresponding USB input for M52 Digital Music Vault connection. Loaded CDs will be ripped automatically to the M52.
- A USB mass storage device with music files can also be connected to USB 2. Typical USB mass storage devices compatible with M50 include portable flash memory devices and external hard drives (FAT32 formatted).

6 LAN

LAN connection must be setup 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 consummate the 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 M50's LAN port.

7 RS232

Use a RS232 serial cable (not supplied) with RS232 adapter (if necessary) to interface this port to the corresponding RS232 connector of the optional M2, M51, C 390DD or any compatible NAD models. Through this RS232 connection, the VOLUME slider in the NAD App can be adjusted to increase or decrease the audio output level of the M50.

8 IR IN, IR OUT

These mini-jacks accept and output remote-controlled codes in electrical format, using industry-standard protocols, for use with "IR-repeater" and multi-room systems and related technologies.

- All NAD products with IR IN/IR OUT features are fully compatible with M50. For non-NAD models, please check with your other product's service specialists as to their compatibility to the M50's IR features.

IR IN

This input is connected to the output of an IR (infrared) repeater (Xantech or similar) or the IR output of another compatible device to allow control of the M50 from a remote location.

IR OUT

Connect IR OUT to the IR IN jack of a compatible device. Command and control the linked compatible device by directing its own remote control to M50's infrared receiver.

9 +12V TRIGGER IN

With this input triggered by a 12V DC supply, the M50 can be switched ON remotely from standby mode by compatible devices such as amplifiers, preamplifiers, receivers, etc. If the 12V DC supply is cut off, the M50 will return to standby mode.

- Connect this +12V trigger input to the remote device's corresponding +12V DC output jack using a mono cable with 3.5mm male plug.
- The controlling device must be equipped with a +12V trigger output to use this feature.

+12V TRIGGER OUT

The +12V TRIGGER OUT is used for controlling external device that is equipped with a +12V trigger input.

- Use a 3.5mm mini-jack connector to pass +12V to a compatible device equipped with +12V TRIGGER IN.
- This output will be 12V when the M50 is ON and 0V when the unit is either OFF or in standby mode.

10 WIRELESS (WIFI) ANTENNA TERMINAL

- Install the supplied wireless antenna into this wireless antenna terminal (WiFi).
- For wireless connection to be established, ensure that the supplied wireless antenna is installed and Wireless (WiFi) broadband router with broadband internet connection is setup and available.

11 POWER

- Supply the AC mains power to the M50.
- When the POWER switch is set to ON position for the first time, the M50 goes to standby mode as shown by the amber status condition of the Standby LED. Press the front panel Standby button or remote control's [ON] button to switch ON the M50 from standby mode.
- If you intend not to use the M50 for long periods of time (such as when on vacation), switch off the POWER switch.
- With POWER switched off, neither the front panel Standby button nor remote control's [ON] button can activate the M50.

12 FUSE HOLDER

Only NAD service personnel can access the fuse holder in the unlikely event a fuse may need to be replaced. Refer all servicing to authorized NAD service centers.

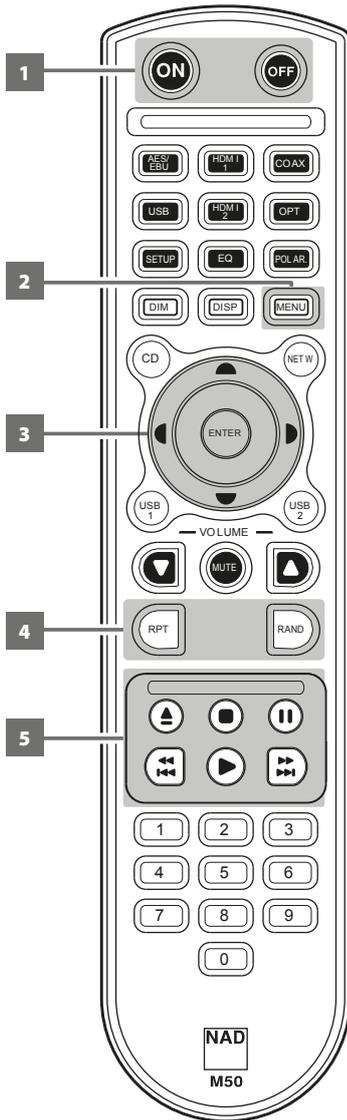
13 AC MAINS INPUT

The M50 comes supplied with two separate AC power cords. Select the AC power cord appropriate for your region.

- Before connecting the plug to the wall outlet, connect firmly first the other end of the AC power cord to M50's AC Mains input socket.
- Always disconnect the mains power plug from the mains power source first, before disconnecting the cable from the M50's AC Mains input socket.

IDENTIFICATION OF CONTROLS

M50 REMOTE CONTROL



- 1 ON:** Switch ON M50 from standby mode to operating mode.
OFF: Switch M50 to standby mode. Turn off VFD.
- 2 MENU:** Display main menu.
- 3 ▲/▼/◀/▶:** Navigate or select through menu items or options.
ENTER: Confirm selected option. Go to the next option.
- 4 RPT:** Repeat track, file or whole disc.
RAND: Play tracks/files in random order.
- 5 [▲]:** Eject loaded disc.
[||]: Pause playback temporarily.
[▶▶]: Go to next track or file.
[◀◀]: Go to the beginning of current track or file.
[◀◀/▶▶/■]: Not applicable for M50.

Only above buttons are compatible with M50. Other buttons are not applicable for M50 or are non-functional.

IMPORTANT NOTICE ABOUT M50 REMOTE CONTROL

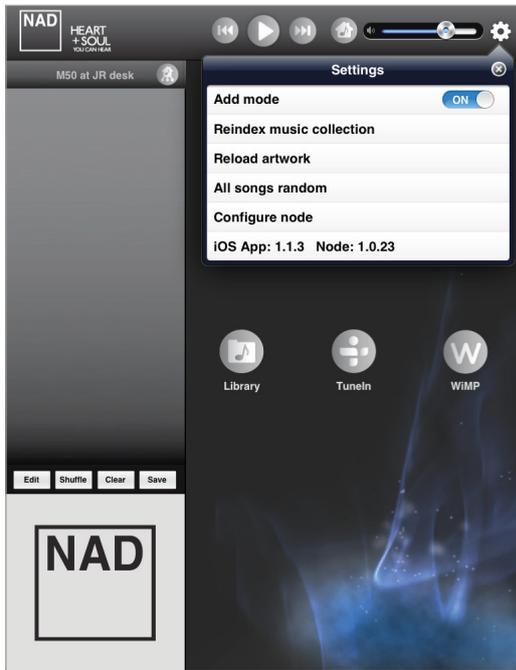
The M50 remote control can be used for either M51 Direct Digital DAC or M50 Digital Music Player. By undertaking the following steps, the M50 remote control can be defaulted for use by either M51 or M50.

- **For M50:** Press and hold "5" and "0" at the same time until the remote control's blue transmit LED flashes twice.
- **For M51:** Press and hold "5" and "1" at the same time until the remote control's blue transmit LED flashes twice.

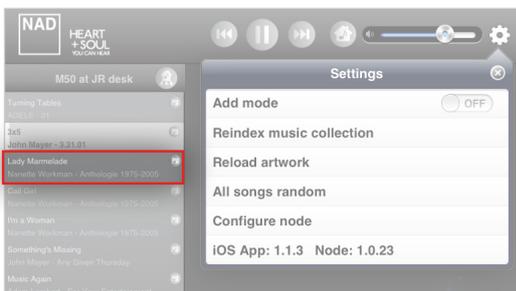
Release the corresponding buttons above as soon as the blue transmit LED flashed twice.

SETTINGS

Tapping  launches the “Settings” section of the M50 allowing you to customize its default settings. The following are the parameters you can setup or initiate.



- **Add mode :** At “ON” setting, an added song will be placed at the end (last) of the current playlist.



At “OFF” setting, a song to be added will be inserted right after the current song being played back or **above** the “line” – the marker where songs can be added while at “OFF” setting.

- **Reindex music collection :** Whenever songs are added to your library, reindex your M50 so that it can properly locate and identify these new songs.

How long will it take to reindex your Music Library? It will depend upon its size and network connection (wired or wireless). For wireless connection, it is 500 songs per minute; for wired connection, 1000 songs per minute.

During the indexing, “Indexing phase x – xxx tracks processed” is displayed. “Reindex music collection” will re-appear once the indexing is completed.

- **Reload artwork :** Activate “Reload artwork” if some of your Albums’ artwork went missing after re-indexing.

- **All songs random :** Re-arrange in random order all songs in your Library and then start or continue playback. Tap again “All songs random” to randomly re-arrange once more your songs.

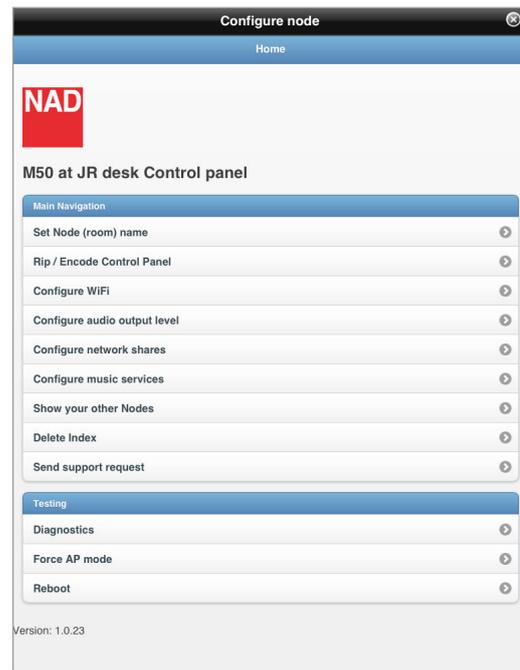
At random mode, “Shuffle” in the playlist is highlighted. Tap “Shuffle” to exit random play and resume normal playback.

- **iOS App: x.x.x Node: x.x.x**

List the iOS App version and Node software release version of your M50.

CONFIGURE NODE

Launch the Control Panel of your M50. Use this Control Panel to initiate, set or configure the following options.



- **Set Node (room) name :** Update the current Node name using the on-screen keyboard.

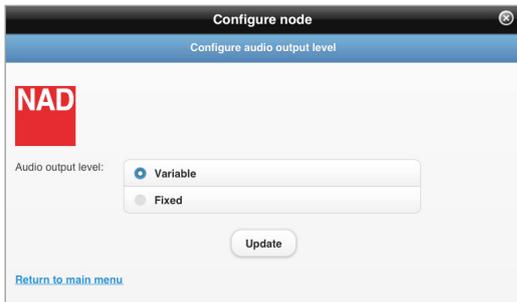
- **Rip/Encode Control Panel :** Refer below under the same heading.

IMPORTANT!

“Rip/Encode Control Panel” will manifest in the “Configure node” menu window only if the M50 is connected to an optional M52. In the absence of such interconnection, the “Rip/Encode Control Panel” option will not be available in the menu.

- **Configure WiFi :** Refer to above “CONNECT TO WIFI” under INTRODUCTION - GETTING STARTED.

- **Configure audio output level :** Audio output level can be configured to either Variable or Fixed.



Variable: Audio output level is directly adjustable using the volume slider in the NAD app.



Fixed: Audio output level can only be varied using the corresponding Volume control of the external device your M50 is connected to. The volume slider in the NAD M50 app is not operational at "Fixed" mode.

Tap "Update" to save the setting you have selected.

- **Send support request :** Make a service request by sending your name, phone number, email address and the subject of your request. A NAD customer service agent will contact you either by email or phone call.

IMPORTANT!

"Send support request" is the best tool for any service request, customer query or troubleshooting tips. Use this option to get direct assistance from a NAD customer service agent.

- **Diagnostics :** Log report of your M50 and a record of its current connectivity and indexing status.
- **Force AP mode :** Tap to disconnect your M50 from your wireless network connection and reset it to the factory Hotspot settings. This is normally initiated if you are changing your network connection settings or connecting your M50 to a new network.
- **Reboot :** Initiate reboot of your M50 to restore normal operations when experiencing any malfunctions.

IMPORTANT!

- *Audio output level is adjustable via the Volume slider in the NAD App only if the respective RS232 ports of M50 and the optional M2, M51, C 390DD or any compatible NAD models are interfaced and connected together. The Volume slider in the NAD App is disabled and not functional in the absence of such interconnection.*
- *Before setting the M50's audio output level to "Fixed", decrease or lower down the Volume level of the external device your M50 is connected to. This will prevent sudden burst of loud audio when "Fixed" audio level is activated.*

- **Configure network shares :** Specify a UNC (Universal Naming Convention) path to digital music files stored in your PC, MAC or NAS and stream them through your M50 for easy access and listening.

Find, add or enter share name manually. Current music shares can also be removed by clearing (uncheck) the check box of the desired network share name.

- **Configure music services :** Log-in to your music service provider account (like WIMP) by entering applicable details like User name, Password and Country. Tap "Update" to register and store your corresponding account details.
- **Show your other Nodes :** Other devices within your network are shown. Tap a shown device and you will be redirected to its corresponding Control Panel.
- **Delete Index :** Clear current indexed collection and refresh anew with re-indexing automatically initiated.

"Delete Index" is applicable when instability occurs in accessing songs.

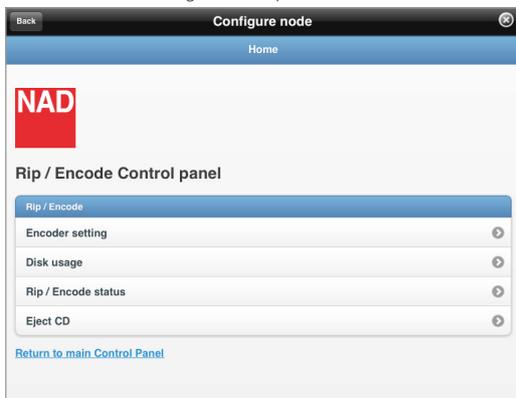
RIP/ENCODE CONTROL PANEL

The M50 transport can rip directly a loaded CD to a connected M52 Digital Music Vault. Ripping is completely automatic. NAD has developed its own music management software. With a network connection to the Internet, this music management software fetches metadata and cover art, without the need for a computer! Everything is organized and instantly available for playback. You can browse your music collection using album art or category listing and easily create playlists on the fly.

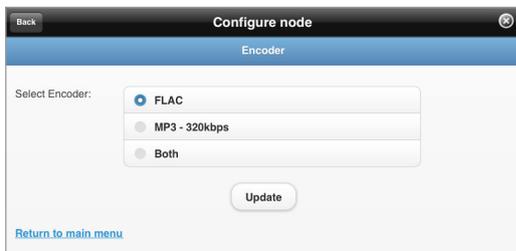
IMPORTANT!

"Rip/Encode Control Panel" will manifest in the "Configure node" menu window only if the M50 is connected to an optional M52. In the absence of such interconnection, the "Rip/Encode Control Panel" option will not be available in the menu.

The following Rip/Encode Control Panel options allow you to setup and monitor the music CDs being backed up.



- **Encoder setting :** Set up the default file format when ripping your music CDs.



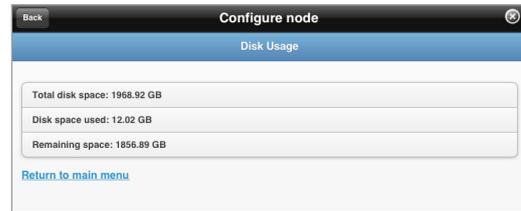
MP3 (default format): Standard audio compression designed to keep bandwidth low with little degradation. Files are ripped at 320kbps, the highest level of sound quality available to MP3 format.

FLAC (recommended format): High quality compression designed specifically for CD backup purposes. Files are ripped at FLAC level 5 balancing compression and rip speed at full CD lossless levels of 44.1 kHz/16bits.

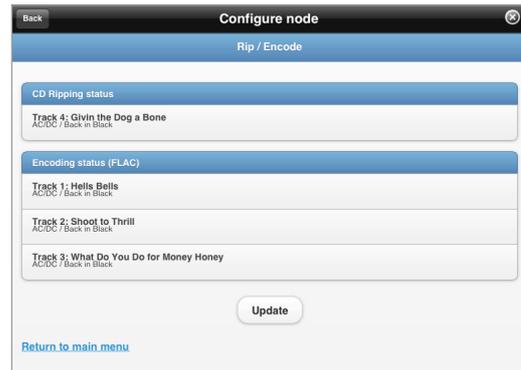
Both: For Hi-fidelity quality playback with the ability to export or download to a personal MP3 Player.

Tap "Update" to save your selected encoder setting.

- **Disk usage :** Current information of total disk space, used space and total remaining disk space.



- **Rip/Encode status:** Display progress of files being copied off the loaded CD. The current default encoder setting is also indicated.



- **Eject CD :** Manually eject loaded disc if there are issues like the CD won't eject or cannot be encoded.

IMPORTANT NOTES ABOUT CD RIPPING

- For ripping of multiple CDs, insert the next disc as soon as the current disc is ejected. It is not necessary to wait for the encoding to be completed before the next disc is inserted.
- Only Audio CDs can be ripped into the M52. It will not rip Blu-ray, DVD, DVD-Audio, HD-DVD or other types of Optical Disc format.
- The CD ripping can be stopped at any time by selecting "Eject CD".
- Once the final track is encoded, do not forget to go to  (Settings) and initiate "Reindex Music Collection". Reindexing will properly locate and identify the newly added songs.

OPERATION

USING iPad AS M50 CONTROLLER

The M50 can be controlled using your iPad. Visit the iTunes App Store and download the free NAD M50 controller App. Selecting the NAD M50 App opens the NAD M50 Control Panel.

NAVIGATION CONTROLS AND ICONS

The NAD M50 Control panel is compatible with the iPad's method of navigating through its features and functions. Use your fingers to pinch, swipe, tap and double-tap an item you want to command, control or manipulate. Refer to your iPad's user guide for further information on how to use multi-tasking gestures to go about the task you want to perform.

The following are other navigation controls and icons that you will encounter as you navigate through the NAD M50 Control panel.

-  Launch NAD app.
-  Return to Home or Source mode. Display Library, TuneIn, WiMP icons and other available/connected sources.
-  Show all active NAD devices available within the same network.
-  Activate drop down Settings menu.
-  Slide to increase or decrease volume or audio output level.
-  Skip forward or backward a song from your current playback list. At TuneIn or WiMP Source mode, tapping either control will revert the source to "Library" mode.
-  Start playback of song or broadcast.
-  Pause playback of song or broadcast.
-  Return to previous display or menu window.
-  Playback in random order the songs in the current playback list only.
-  Repeat playback of current song. Repeat all songs in the playlist.

NOTE

Audio output level is adjustable via the Volume slider in the NAD App only if the respective RS232 ports of M50 and the optional M2, M51, C3 90DD or any compatible NAD models are interfaced and connected together. The Volume slider in the NAD App is disabled and not functional in the absence of such interconnection.

PLAYER NOTIFICATION



The M50 automatically checks for update or new software version. When it detects a new software, a "Player notification" window will pop-up.

You will be prompted to either "Upgrade now" or "Upgrade later".

- **Upgrade now** - Initiate installation procedure by downloading latest software.
- **Upgrade later** - The "Player notification" window will continuously pop-up every hour until "Upgrade now" is selected and your M50 eventually upgraded.

With "Update now" selected and the latest software downloaded, three options will be presented



- **Upgrade** – Install only modules that have been updated.
- **Reinstall** – Install entire new version of the software. More comprehensive but will take longer to complete especially if the procedure is done over a wireless link.
- **Abort** - Discontinue the upgrade procedure.

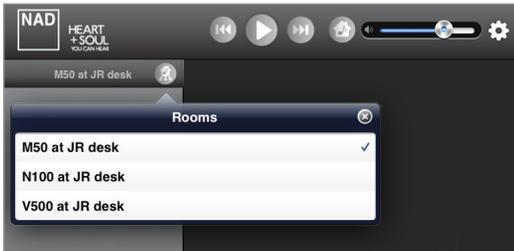


Once upgrade procedure is completed, the M50 will reboot and return to normal operation.

CONFIGURING YOUR SYSTEM

If you have multiple devices in the same network, you can control them separately. Each device on your network is an independent device working in conjunction with your system.

As a complete music system, they for the most part work together. Rarely does each device need to be configured individually as playlists, music sources and cloud subscriptions are replicated to each device when configured. Playback however is controlled individually or in groups.



From a multiple device setup, select the device to playback using the following step.

- Press the top of the playlist  and a drop down list of available devices appear.
- Select the device on your network you wish to control with your iPad.

SOURCES

There are three main Sources that can be tapped to enjoy your M50 and other linked devices. Tap  from any menu to display the following three main sources.



Library

Collection of music CDs you have backed up or stored in

- M52 Digital Music Vault (optional)
- A USB mass storage device connected to the USB (Type A) input of your device
- Shared network.

All devices must be in the same network.

Tuneln

Tune to radio stations streamed across the Internet.

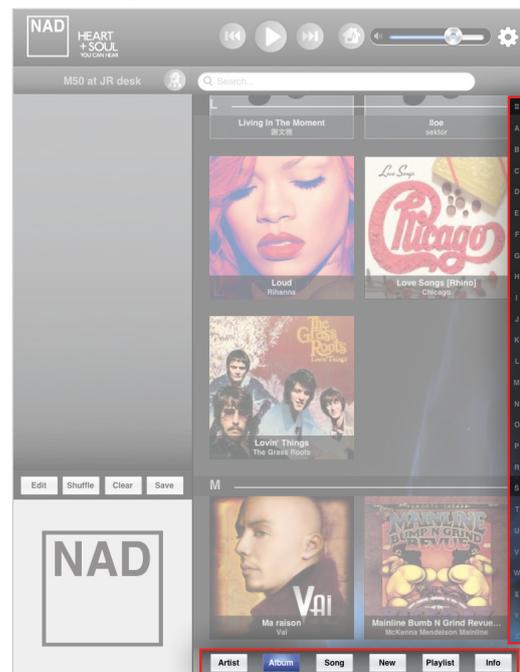
WiMP

Listen to cloud based music provider WiMP.

LIBRARY

Selecting  allows you to listen to your personal music collection stored on your network, ripped to your M52 Digital Music Vault (optional) or contained in a USB mass storage device connected to the USB (Type A) input of the M50.

Upon selection of , your music catalogue will appear on-screen.



The category buttons (located at the bottom portion) allows your music to be sorted in several ways as follows

- Artist
- Album
- Song

OPERATION

USING iPad AS M50 CONTROLLER

Tap an alphabet letter on the right side for quick redirection to the corresponding list of artists, albums or songs that starts with the selected letter.

- **New** : List albums in the order they were encoded with the latest item at the top of the list. This is an easy way to locate ripped CD's or purchases that were recently downloaded.
- **Playlist** : Show favorite songs that were grouped together and saved for easy access.

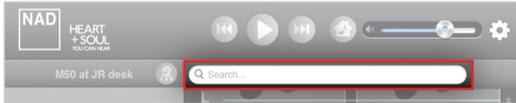
Several playlists can be created like your Favorite playlist, Contemporary playlist, Oldies playlists, etc.

- **Info** : Open on Last.fm a small browser showing related information (like biography, albums) about the current artist being played back.

If no information about the artist is available, the browser will display "[unknown]".

SEARCH ...

You can search a song by directly entering it at the "Search..." box. Tap the



"Search..." box and the on-screen keyboard appears.

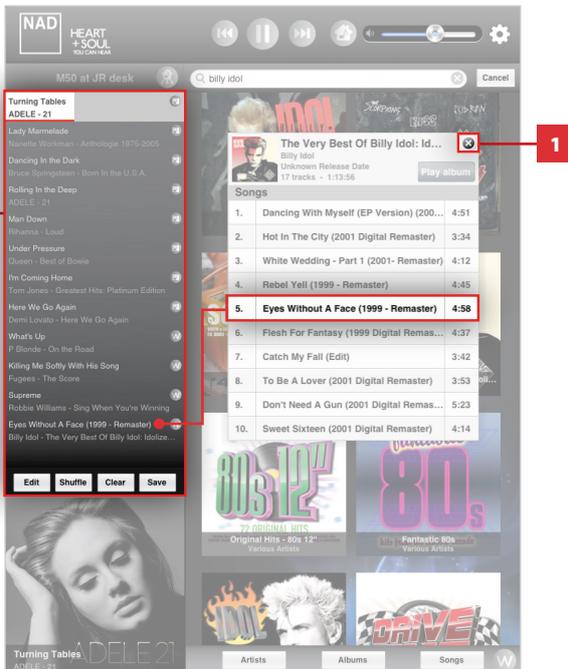
Enter the song's name (even just a part of it) and several relevant songs, albums or artists pop up as you type.

If available, select and tap from the suggested list the song you were looking for. Otherwise, try searching again.

CREATING A PLAYLIST

The playlist, which is reflected in the left side of your iPad display, is a register of songs you have individually or collectively selected from your library and music service provider. The listed songs can be played back in sequential or shuffled order.

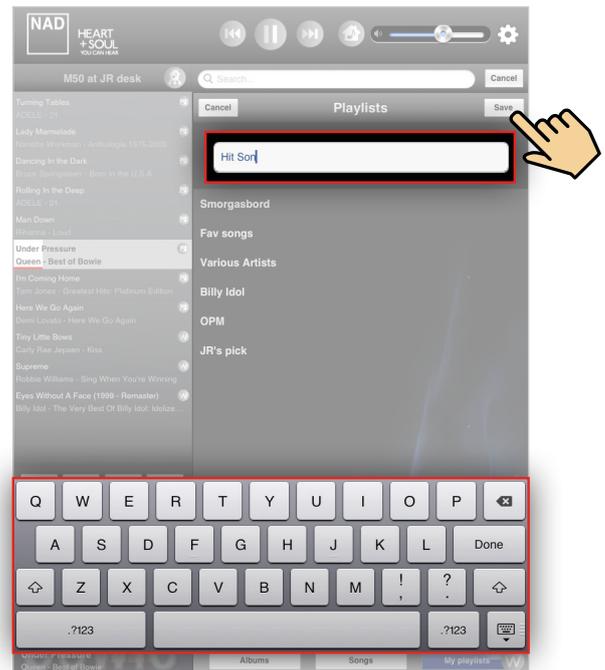
A playlist can be created by the following easy steps.



- 1 Select desired songs by picking and tapping through the Album, Song or Artist list of your music Library or your music service provider (like WIMP). Tap on the upper right corner to close out the album.
- 2 Each selected song will be reflected in the playlist on the left side of the iPad display.
- 3 After completing your song list, press "Save" and the on-screen keyboard and playlist naming window will appear. Type desired Playlist name.



4. When done, press "Save" on the upper right corner to complete the naming process.



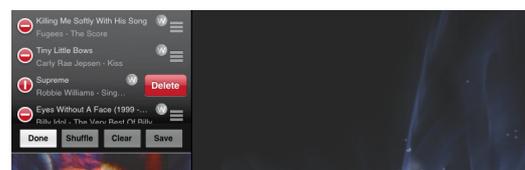
This newly named Playlist will be included in the Playlist register. It will be recalled along with other named Playlists when "Playlist" is tapped in the lower right corner of the iPad display.

MANAGING YOUR PLAYLIST

A list of songs or named Playlist can be managed by selecting any of the following options



- **Edit** : Delete songs from the list. Press "Edit" and a symbol (negative sign within a red circle) will precede each song.



Tap desired song to be deleted and its corresponding symbol will turn 90° - a "Delete" box appears right beside the selected song. Press "Delete" to remove the song from the list. Repeat the same for the other desired songs to be deleted.

Once you complete all the songs you want deleted, tap "Done" to complete and exit edit mode.

- **Shuffle** : Playback in random order the songs in the current playback list only.

OPERATION

USING iPad AS M50 CONTROLLER

- **Clear** : Empty out the current list of songs leaving the playback display section blank.



"Clear playlist" window will pop-up. Select "Yes" to clear the active playlist; "No" to retain the list.

- **Save** : Group current active list of songs into one Playlist and create a name for the collection.

Press "Save" during playback and the on-screen keyboard and playlist naming window will appear. Type desired Playlist name. When done, press "Save" on the upper right corner to complete the naming process.

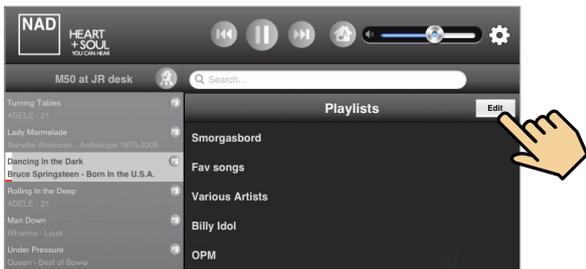
DELETING A PLAYLIST

To delete a Playlist

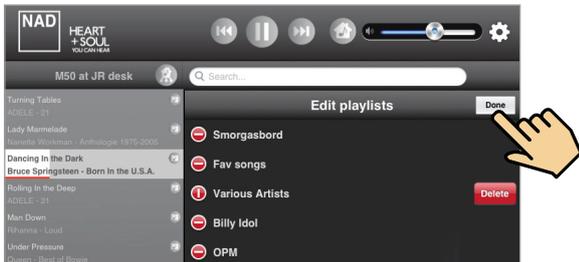
- 1 Press "Playlist" and a Playlist window appears showing all named playlists.



- 2 Tap "Edit" and a symbol (negative sign within a red circle) will precede each Playlist name.



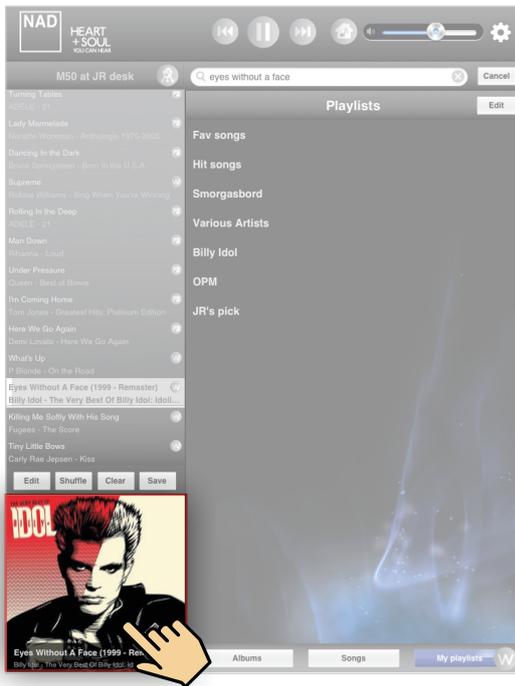
- 3 Tap desired Playlist name to be deleted and its corresponding symbol will turn 90° - a "Delete" box appears right beside the selected playlist name. Press "Delete" to remove the selected playlist. Repeat the same for other playlist names to be deleted.



- 4 Once you complete all the playlist names you want deleted, tap "Done" to complete and exit Playlist Edit mode.

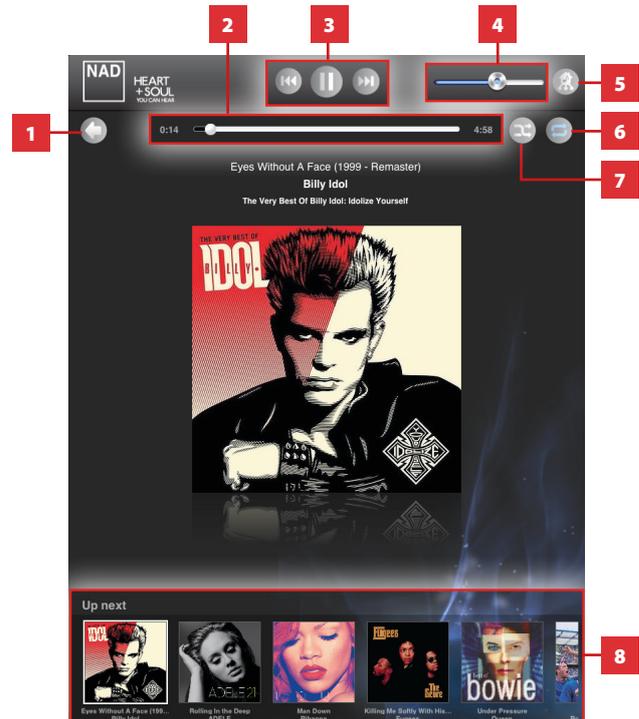
PLAYBACK DISPLAY OF CURRENT SONG

When a particular song from either your library or music provider (WiMP) is being played back, a small thumbnail image of the album is displayed on the lower left corner of your controller's display screen.



Tap the thumbnail image.

Upon tapping, the thumbnail will be maximized into a full screen display. In this full screen view, the following features, functions or information are available.



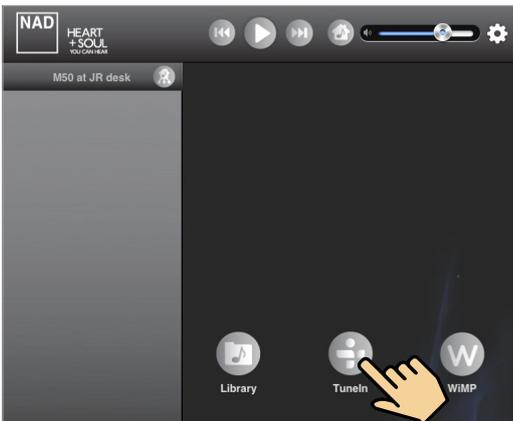
- 1 Return to previous window or page.
- 2 Slide to the left to scan backward
Slide to the right to scan forward
Song elapsed time
Remaining playback time of current song
- 3 Play or pause current song
Skip backward to the beginning of current or last song played from your playlist or library
Skip forward to the next song in your playlist or library
- 4 Slide right to increase volume level
Slide left to decrease volume level
- 5 Show all devices in the network
- 6 Random playback
- 7 Repeat playback of current song
Repeat all songs
- 8 Tap album to skip directly to the song

OPERATION

USING iPad AS M50 CONTROLLER

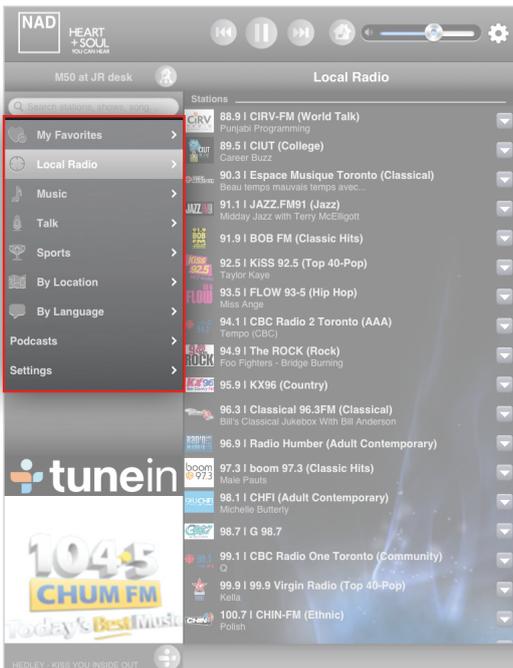
TUNEIN

TuneIn Radio  is a third party cloud service provider to the NAD group.



TuneIn Radio allows listeners to experience the whole world of radio within a single application. It is a global service where one can listen to music, sports or news from every corner of the earth. Users in Vancouver can enjoy broadcasts from London, Sydney, New York, Tokyo or any other location in the world.

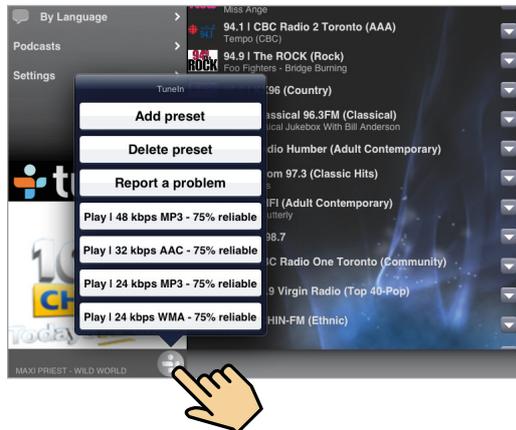
TuneIn allows listeners to quickly and easily find their favorite radio stations and personalities plus discover new ones. Radio stations are classified according to the following preferences.



- **Local Radio** : Tune in to radio stations in your local area.
- **Music** : Select radio stations by categories or genres like Adult Contemporary, Classical, Country, Reggae, etc.
- **Talk** : Offer a variety of topics like Business, Comedy, News, Religious, etc.
- **Sports** : List popular sports news or content providers that you can listen in.
- **By location** : Listen to radio stations by countries. Radio stations are grouped by continents and then by countries.
- **By language** : Radio stations are grouped according to the language they are broadcast like Arabic, Chinese, Spanish, Tagalog, etc.
- **Podcasts** : Listen to Talk, Music, Sports or other available audio podcasts.

MY FAVORITES

Allows you to create, save and easily access your favorite radio stations.



TO ADD A PRESET

Go to desired station page and then tap the TuneIn icon on the lower corner of the station page. A menu window will pop-up. Tap "Add Preset" and the selected radio station will be added in your "My Favorites" list.

TO DELETE A PRESET

From the same menu window, tap "Delete preset" to remove the selected station from "My Favorites" list.

OTHER OPTIONS

The menu window that pops-up may include other options like the playable audio format and the reliability of the signal, i.e. "Play 48 kbps MP3 – 75% reliable". These options are dependent upon the capability or information supplied by the selected broadcast station.

NOTE

The added or deleted preset may not reflect immediately from the "My Favorites" menu window. Refresh the display by tapping "Local Radio" or any other options and then return to "My Favorites" – the added preset will already be included in the list or the deleted preset not displayed anymore.

SEARCH STATIONS, SHOWS, SONG...

You can directly search a radio station, show, song or any type of broadcast by directly entering its name at the "Search stations, shows, song..." box. Tap the "Search stations, shows, song..." box and the on-screen keyboard appears.



Enter the name (even just a part of it) and several suggested stations, shows, songs or broadcasts pop up as you type.

If available, select and tap from the suggested list the station, show, song or broadcast you were looking for. Otherwise, try searching again.

DISPLAY OF CURRENT BROADCAST

When a particular radio station is being broadcast, a small thumbnail image of the current broadcast is displayed on the lower left corner of your controller's display screen.



Tap the thumbnail image.

Upon tapping, the thumbnail will be maximized into a full screen display. In this full screen view, the following features, functions or information are available.



- 1 Return to previous window or page
- 2 Play or pause current broadcast
Switches to library mode and then Skip backward to the beginning of current or last song played from your playlist or library
Switches to library mode and then Skip forward to the next song in your playlist or library
- 3 Slide right to increase volume level
Slide left to decrease volume level
- 4 Show all devices in the network
- 5 Tuneln icon – menu window pops up.
- 6 Display related information as supplied by the broadcast station

When Tuneln icon is tapped, among the options that appear is the "Report a problem". Follow all prompt commands to complete report.



OPERATION

USING iPad AS M50 CONTROLLER

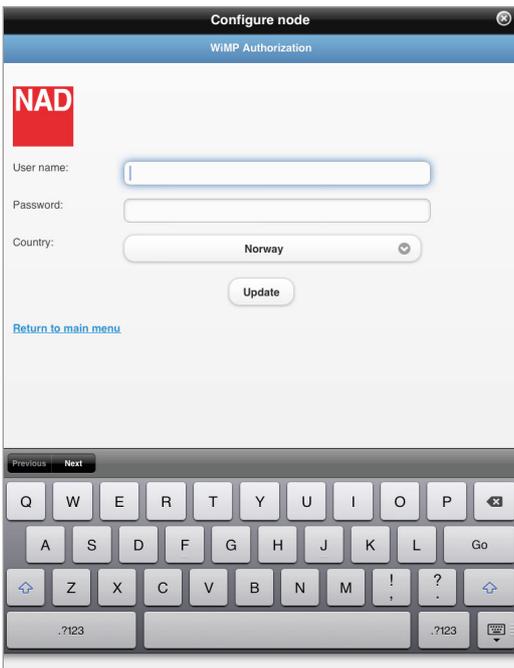
WiMP

WiMP (Wireless Music Player) is a North European cloud service provider supported by NAD. It is a proprietary music streaming service that allows instant listening to specific songs or albums with virtually no buffering delay.

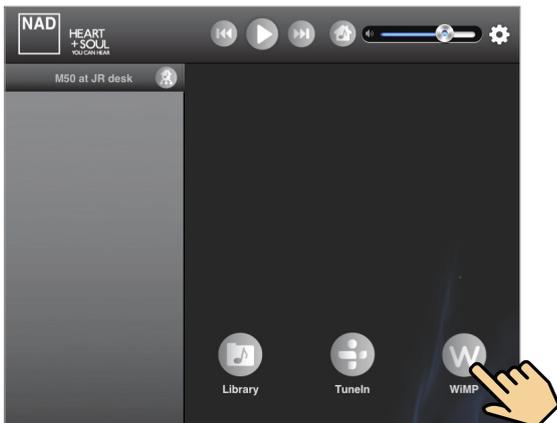
LOG-IN TO YOUR WiMP ACCOUNT

Gain access to millions of songs by entering your WiMP log-in details. Tap (Settings) and select "Configure node". When the "Configure node" menu window appears, select and tap "Configure music services".

Configure music services : Log-in to your WiMP account by entering applicable details like User name, Password and Country. Tap "Update" to register and store your corresponding account details.

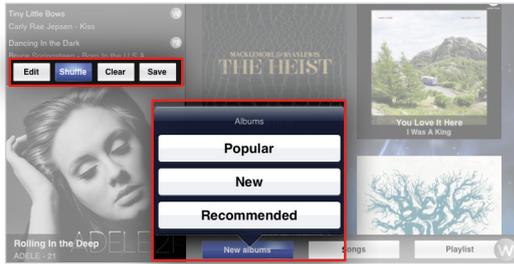


Upon successful log-in, tap (W) and you will be ushered in to all kinds of music: pop, rock, metal, hip hop, r & b, jazz, classical and more - both old, classics and the latest finds.



MANAGING YOUR WiMP PLAYLIST

When at WiMP source mode, features like Edit, Shuffle, Clear Save and sections like "Creating Playlist" and "Deleting Playlist" are managed in the same manner as they are handled at Library source mode.



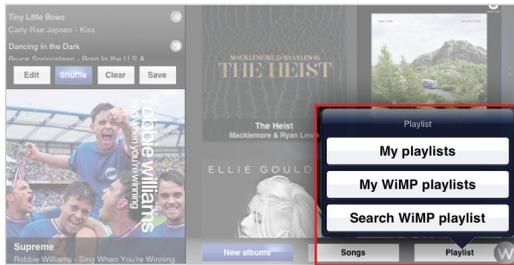
Refer aforementioned features and sections to their corresponding descriptions at (Library) section.

OTHER WiMP FEATURES (Applies to Songs and Albums)

- Popular : Current toplist
- New : Latest songs or albums
- Recommended : Acclaimed recordings

PLAYLIST

- My playlists : Include selections from WiMP and Library.
- My WiMP playlist : Consist of selections only from WiMP.
- Search WiMP playlist : Directly locate a particular WiMP playlist.



AUDIO

Supported File Formats	MP3, AAC, WMA, OGG, WMA-L, FLAC, ALAC, WAV, AIFF
CD	Slot-loading mechanism
Native Sampling Rates	32, 44.1, 48, 88.2, 96, 176.4, 192 kHz
Bit Depths	16, 24
Album Art	JPG
Supported Operating Systems	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista, 7 Apple Macintosh

CONNECTIVITY

Network	Ethernet RJ45, 802.11n WiFi
USB	Type-A port for connection to USB memory sticks and supported peripherals Type-B port for product servicing
Audio	AES/EBU, HDMI, SPDIF digital connector
Power	Universal three-pin AC cord input (100V – 240V)

USER-INTERFACE

Android	Free App Available Online at Google Play website (coming soon)
Apple	Free App Available Online at Apple App Store
Control buttons	Front panel control buttons

GENERAL

Free Internet Radio	TuneIn Radio
Supported Cloud Services	WiMP
Unit weight	8.1 kg (17.8 lbs)
Shipping weight	11.5 kg (25.4 lbs)
Gross unit dimensions (W x D x H)	435 x 327 x 115 mm 17 1/8 x 12 7/8 x 4 17/32 inches
Power consumption	22 W
Standby power	≤0.5W

Specifications are subject to change without notice. For updated documentation and features, check out www.NADelectronics.com for the latest information about M50.

Fill-up and use the "Send support request" item in the "Configure node" section for any service request, customer query or troubleshooting assistance.

All artwork and imagery is used for illustration purposes only and remains the property of the respective copyright holders. Music not included with M50 or NAD app.



www.NADelectronics.com

**©2012 NAD ELECTRONICS INTERNATIONAL
A DIVISION OF LENBROOK INDUSTRIES LIMITED**

All rights reserved. NAD and the NAD logo are trademarks of NAD Electronics International, a division of Lenbrook Industries Limited.
No part of this publication may be reproduced, stored or transmitted in any form without the written permission of NAD Electronics International.

M50_ENG_OM_V09 - 11/12