

# DENON

***PROFESSIONAL***

## DN-470A

User Guide	English (3–6)
Guía del usuario	Español (7–10)
Guide d'utilisation	Français (11–14)
Guida per l'uso	Italiano (15–18)
Benutzerhandbuch	Deutsch (19–22)
Appendix	English (23)

## User Guide (English)

### Introduction

Thank you for purchasing the DN-470A. At Denon Professional, performance and reliability mean as much to us as they do to you. That's why we design our equipment with only one thing in mind—to make your performance the best it can be.

### Box Contents

DN-470A

(2) 6-Pin Euroblock Connectors

(4) 4-Pin Euroblock Connectors

Power Cable

Rack Ears with Screws

User Guide

Safety & Warranty Manual

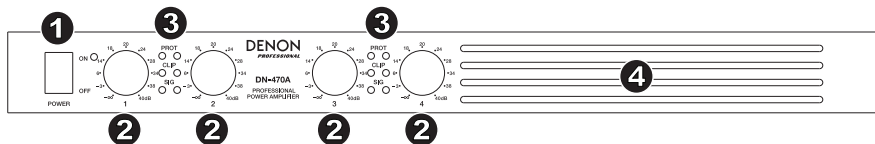
### Support

For the latest information about this product (documentation, technical specifications, system requirements, compatibility information, etc.) and product registration, visit **denonpro.com**.

For additional product support, visit **denonpro.com/support**.

## Features

### Front Panel



- Power Switch:** Press this switch to power DN-470A on or off.
- Level Knobs:** Turn these knobs to set the output level for each channel.
- Signal/Clip/Protection LEDs:** These lights will illuminate different colors to show the signal status of each channel input:
  - Signal LED:** The input's **Signal LED** will be lit green when it is receiving a signal at an optimal level.
  - Clip LED:** The input's **Clip LED** is "peaking" when the LED is lit red (higher than 0 dB). Turn its **Level** knob counter-clockwise or reduce the volume of the source to prevent "clipping" (distortion).
  - Protection LED:** If the **Protection LED** turns red, the unit is in heat protection mode and will not output sound. To restore sound output, reduce the temperature by making sure there is good ventilation and by decreasing the signal level.
- Air Intake Vents:** Keep the vents clear from obstructions to allow air to flow through the front grill for proper performance.

### Rear Panel



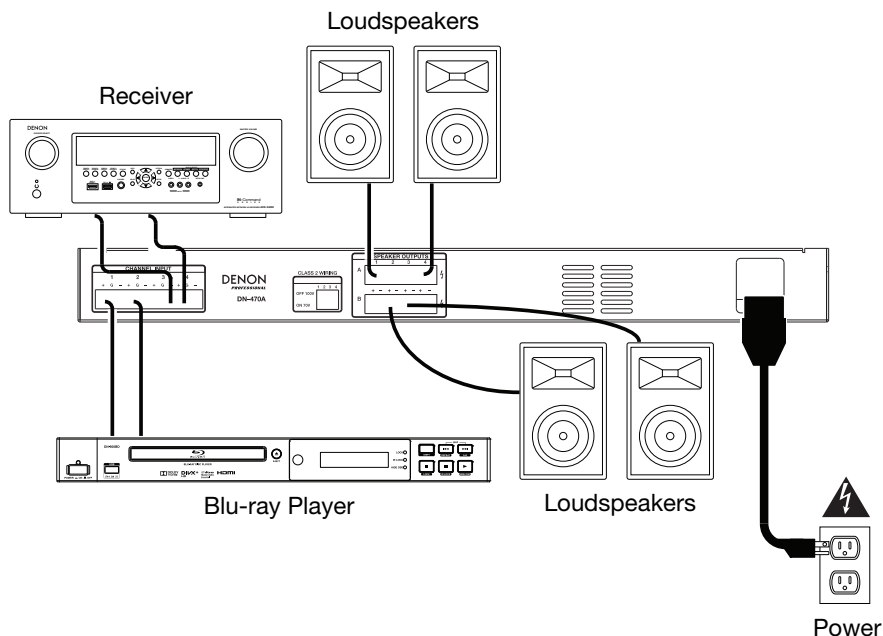
- Power Inlet:** Use the included power cable to connect this input to a power outlet.
- Fuse:** If the unit's fuse is broken, lift this tab to replace the fuse. Replace it with a fuse with an appropriate rating. Using a fuse with an incorrect rating can damage the unit and/or fuse.
- Inputs:** Use Euroblock connectors to connect these channel inputs to your audio sources. Each channel has a ground (G), cold/negative (-), and hot/positive (+) connector. Make sure the wiring of each device matches each connection.
- Outputs:** Use Euroblock connectors to connect these channel outputs to your loudspeakers. Each channel has a switch for **70V** and **100V**. Make sure the wiring of each loudspeaker is done properly for each output.
- Operation Mode Switch:** Select the operation mode (70V or 100V) for each channel's output by moving the dip-switches to the desired position.
- Exhaust Vents:** Air from the front intake flows through the unit and exits here. For proper performance, do not block the air vent.

## Setup

Items not listed under **Introduction** > **Box Contents** are sold separately.

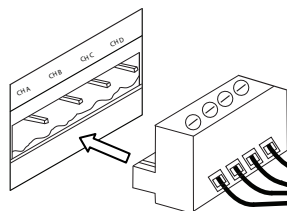
1. Use the included Euroblock connectors to connect the **inputs** on the rear panel to your audio sources.
  - Each channel input has a ground (G), cold/negative (–), and hot/positive (+) connector.
2. Use the included Euroblock connectors to connect the **outputs** on the rear panel to your loudspeakers.
  - Each channel output has a switch for **70V** and **100V**.
3. Use the included power cable to connect the **power inlet** to a power outlet.
4. Power on all of your audio sources (Blu-ray® players, stereos, microphones, amplifiers, etc.).
5. Press the **power switch** to power on DN-470A.
6. Adjust the **level knobs** for each channel input as necessary.

## Example



## Using a Euroblock Connector

1. Twist the speaker wire to form a tight strand and insert this into the appropriate port, pushing the wire until it is secured inside.
2. Attach the Euroblock connector to the terminal on DN-470A.
3. To disconnect a wire, use a small screwdriver to press in the spring above the insert port while pulling out the wire.



## Troubleshooting

If you encounter a problem, try doing these things first:

- Make sure all cables and other connected devices are properly and securely connected.
- Make sure you are using DN-470A as described in this user guide.
- Make sure your other devices or media are working properly.
- If you believe DN-470A is not working properly, check the following table for your problem and solution.

Problem:	Solution:	Please see:
Power does not turn on.	Make sure DN-470A's <b>power inlet</b> is properly connected to a power outlet using the included power cable.	<b>Setup</b>
DN-470A does not produce any sound, or the sound is distorted.	Make sure all cable and device connections are secure and correct.  Make sure none of the cables are damaged.  Make sure the settings on your loudspeaker, mixer, etc. are correct.	<b>Setup</b>
The sound has a hum or noise.	Check the polarity of the input connections.  If an unbalanced connection is used, ensure terminal (-) is linked to GND.  If the clip LED is lit, reduce the output volume.  Check the polarity of the speaker connections.	<b>Setup</b>

## Appendix (English)

### Technical Specifications

<b>Total Harmonic Distortion</b>	< 0.1%
<b>Frequency Response</b>	100 Hz – 15 kHz (0+/-1 dBv)
<b>Signal-to-Noise Ratio</b>	> 95 dB
<b>Channel Separation</b>	> 70 dB
<b>Output Power</b> (each channel)	120 W
<b>Input Sensitivity</b>	0.9-1.1V (0+/-1dBv)
<b>Input Impedance</b>	20kΩ balanced or 10kΩ unbalanced
<b>Connectors</b>	(4) Euroblock channel outputs (70V, 100V) (8) Euroblock channel inputs (ground, -, +) (1) IEC power inlet
<b>Power</b>	<b>Connection:</b> IEC <b>Input Voltage:</b> <b>Japan:</b> 100 V~, 50/60 Hz, 1000 W <b>US/CA:</b> 110–120 V~, 50/60 Hz, 1000 W <b>EU/UK:</b> 220–240 V~, 50/50 Hz, 1000 W
<b>Dimensions</b> (width x depth x height)	19.0" x 11.1" x 1.7" 483 x 281 x 44 mm
<b>Weight</b>	10.4 lbs. 4.7 kg

Specifications are subject to change without notice.

### Trademarks & Licenses

Denon is a trademark of D&M Holdings Inc., registered in the U.S. and other countries. Denon Professional products are produced by inMusic Brands, Inc., Cumberland, RI 02864, USA. All other product names, company names, trademarks, or trade names are those of their respective owners.

**denonpro.com**

# **DENON**

## ***PROFESSIONAL***

**Important Safety Instructions  
& Warranty Information**

English (3–7)

**Instrucciones importantes de seguridad  
e información de la garantía**

Español (8–11)

**Instructions importantes de sécurité  
et informations de garantie**

Français (12–15)

**Istruzioni importanti di sicurezza  
e le informazioni della garanzia**

Italiano (16–19)

**Wichtige Sicherheitsanweisungen  
und Garantieinformationen**

Deutsch (20–23)



Denon is a trademark of D&M Holdings Inc., registered in the U.S. and other countries. Denon Professional products are produced by inMusic Brands, Inc., Cumberland, RI 02864 U.S.A.

NEMA® is the registered trademark and service mark of the National Electrical Manufacturers Association.

All other product names, company names, trademarks, or trade names are those of their respective owners.

**1. What is covered and for how long?**

**All Products:** inMusic Brands, Inc. ("inMusic") warrants to the original purchaser that Denon Professional ("Denon Pro") products and all other accessories are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase from an authorized Denon Pro dealer and continuing for the following period of time after that date for one (1) year. inMusic warrants factory-refurbished merchandise to be free of material and operational defects for a period of ninety (90) days from the original date of retail sale. This refurbished merchandise warranty is not transferable.

**2. What is not covered?** This Limited Warranty is conditioned upon proper use of the product by the purchaser. This Limited Warranty does not cover: (a) damage caused by improper installation or improper connection to any peripheral; (b) damage caused by an external electrical fault; (c) damage from use of parts not manufactured or sold by Denon Pro; (d) product purchased from anyone other than an Denon Pro authorized dealer; (e) modifications to product not approved in writing by Denon Pro; (f) equipment that has the serial number removed or made illegible; (g) normal cosmetic and mechanical wear; (h) damage or loss during transit to an Authorized Denon Pro Repair Center; or (i) units that are purchased and/or located outside of the continental USA.

**3. What are inMusic's obligations?** During the applicable warranty period, Denon Pro will repair or replace, at Denon Pro's sole option, without charge to the purchaser, any defective component part of the product. To obtain service under this Limited Warranty, purchaser must first contact Denon Pro and obtain a return merchant authorization ("RMA") number. Purchaser must then return the product to Denon Pro in an adequate container for shipping, accompanied by purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of the product, and the seller's name and address. To obtain an RMA number and assistance on where to return the product, contact Denon Pro customer service at 401-658-5766. Upon receipt, Denon Pro will repair or replace the defective products. Denon Pro may, at Denon Pro's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, new or comparable product. Repaired products will be warranted for a period equal to the remainder of the original Limited Warranty on the original product or for 90 days, whichever is longer. All replaced parts, components, boards, and equipment become the property of Denon Pro. If Denon Pro determines that any product is not covered by this Limited Warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of such product.

**4. What are the limits on inMusic's liabilities?** THE WARRANTIES GIVEN IN THIS LIMITED WARRANTY, TOGETHER WITH ANY IMPLIED WARRANTIES COVERING DENON PRO PRODUCTS, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, INMUSIC OR DENON PRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, LOSS OF PROFITS, DAMAGES TO PURCHASER'S PROPERTY, OR INJURY TO PURCHASER OR OTHERS ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE ANY DENON PRO PRODUCT, BREACH OF WARRANTY, OR NEGLIGENCE, INCLUDING BUT NOT LIMITED TO INMUSIC'S OR DENON PRO'S OWN NEGLIGENCE, EVEN IF INMUSIC, DENON PRO, OR THEIR AGENTS HAVE BEEN ADVISED OF SUCH DAMAGES, OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. THIS LIMITED WARRANTY IS THE COMPLETE WARRANTY FOR DENON PRO PRODUCTS, AND IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY OF THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. This Limited Warranty allocates risk of product failure between purchaser and Denon Pro, and Denon Pro's product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of Denon Pro are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on Denon Pro or inMusic. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by Denon Pro or inMusic and should not be relied upon.

**5. How does state law apply to this warranty?** SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO PURCHASER.

This Limited Warranty gives you specific legal rights. You may also have other rights, which vary from one jurisdiction to another.

Please record the serial number of your unit as shown on the back of the chassis as well as the name of the dealer from whom you purchased the unit. Retain this information and your original purchase receipt for your records. Go to our website [denonpro.com](http://denonpro.com) to register your product with us.

**Model:**

**Purchased From:**

**Serial Number:**

**Date of Purchase:**



1. inMusic Brands, Inc. ("inMusic") warrants to the original purchaser that Denon Professional ("Denon Pro") products are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase from an authorized Denon Pro dealer and continuing for the following period of time after that date for (1) Year.
2. This Limited Warranty is conditioned upon proper use of the product by the purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical or electrical stress, modification of any part of the product, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) all plastic surfaces and other externally exposed parts that are scratched or damaged due to normal use; (d) defects or damage from improper testing, operation, maintenance, installation, adjustment, or service of the products.
3. During the applicable warranty period, Denon Pro will repair or replace, at Denon Pro's sole discretion, without charge to the purchaser, any defective component part of the product. Denon Pro may, at Denon Pro's sole discretion, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, new or comparable product.
4. THE WARRANTIES GIVEN IN THIS LIMITED WARRANTY, TOGETHER WITH ANY IMPLIED WARRANTIES COVERING DENON PRO PRODUCTS, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, INMUSIC OR DENON PRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, LOSS OF PROFITS, DAMAGES TO PURCHASER'S PROPERTY, OR INJURY TO PURCHASER OR OTHERS ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE ANY DENON PRO PRODUCT, BREACH OF WARRANTY, OR NEGLIGENCE, INCLUDING BUT NOT LIMITED TO INMUSIC'S OR DENON PRO'S OWN NEGLIGENCE, EVEN IF INMUSIC, DENON PRO, OR ITS AGENTS HAVE BEEN ADVISED OF SUCH DAMAGES, OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. THIS LIMITED WARRANTY IS THE COMPLETE WARRANTY FOR DENON PRO'S PRODUCTS, AND IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY OF THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

This Limited Warranty allocates risk of product failure between purchaser and Denon Pro, and Denon Pro's product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of Denon Pro are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on Denon Pro or inMusic. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by Denon Pro or inMusic and should not be relied upon. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary under local laws.

Please record the serial number of your unit as shown on the back of the chassis as well as the name of the dealer from whom you purchased the unit. Retain this information and your original purchase receipt for your records. Go to our website **denonpro.com** to register your product with us.

**Model:****Purchased From:****Serial Number:****Date of Purchase:**



## Return Information

- A return merchant authorization number must be obtained from your local Denon Pro representative. For your representative go to **denonpro.com**.
- A copy of the original sales receipt must also be included for the equipment to be repaired under warranty.
- The faulty equipment must be packed in its original packaging.
- One additional outer layer of packaging must be included to ensure product safety. Failure to do so may inadequately protect the equipment in transit and therefore jeopardize the warranty.
- Denon Pro will not accept COD shipments and no call tags will be issued for merchandise return.
- Denon Pro will not return repaired merchandise to customers by priority service except by written request at the customer's cost. Requests must be submitted in writing with returned merchandise.
- The defective Denon Pro equipment should be sent **freight prepaid** with the return merchant authorization number printed clearly on the outer packaging and original sales receipt enclosed to your local service center.

## Very Important




**Please read this section before connecting this unit to your system:**

For optimum performance:


- All slide faders are subject to wear. Excessive force can wear out the faders quickly. User-replaceable slide faders are not covered by our warranty.
- Never use spray cleaners on the slide controls. Residues cause excessive dirt build-up and this will void your warranty. In normal use, slide controls can last for many years. If they malfunction (usually because of a dirty or dusty environment), consult a professional technician.
- Always make sure that AC power is off while making any connections.
- Use appropriate cables throughout your system. Do not use excessively long cables (i.e. over 32 feet / 10 meters). Be sure plugs and jacks are tightly mated. Loose connections can cause hum, noise, or intermittents that could easily damage your speakers. Make the input and output connections with readily available low-capacitance stereo cables. Cable quality makes a big difference in audio fidelity and "punch." See your Denon Pro dealer or an electronics or audio specialist store if you are not sure which cables to use.
- Never attempt to make any adjustments other than those described in this manual, or repairs. Take the unit to your dealer or to an authorized Denon Pro service center.
- Always remember: **turn amps on last and off first**. Begin with master faders or volume controls on minimum and the amplifier gain/input control(s) down. Wait 8–10 seconds before turning up the volume. This prevents transients which may cause severe speaker damage.
- Use restraint when operating controls. Try to move them slowly. Rapid adjustments could damage equipment due to amplifier clipping.
- Avoid amplifier "clipping" at all costs: this occurs when the red LEDs (usually on the front panel of most professional power amplifiers) start flashing. "Clipping" is when the power amplifier is distorting and working beyond its limits. Amplifier distortion is the **main** cause of speaker failure.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture. Never place cans of beer, soda, glasses of water or anything wet near or on top of the unit!
- Headphone outputs can be set to levels which can cause damage to your ears. Use caution.
- This unit may contain a microcomputer for signal processing and control functions. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lockup. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again.
- Under rare circumstances, if this product is exposed to electromagnetic interference during use, there may be a slight drop in signal-to-noise ratio.
- Intended electromagnetic environments: residential, commercial, light industrial, urban outdoors.



## Important Safety Instructions

1. Read and keep these instructions. Heed all warnings and follow all Instructions.
2. Do not use this apparatus near water (if applicable).
3. Clean only with dry cloth.
4. Do not block any ventilation openings (if applicable). Install in accordance with the manufacturer's instructions. Do not install this equipment in a confined or "boxed-in" space such as a bookcase or similar unit, and maintain good ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains, etc.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place exposed flame sources such as lighted candles on the apparatus.
6. Do not defeat the safety purpose of the polarized or grounding-type plug (if applicable). A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
7. (If applicable) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
8. Only use attachment/accessories specified by the manufacturer.
9. Use only the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus (if applicable). When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. Power Sources (if applicable): This product should be connected to a power supply only of the type described in these operating instructions, or as marked on the unit.
13. Internal/External Voltage Selectors (if applicable): Internal or external voltage selector switches, if any, should only be reset and re-equipped with a proper plug for alternative voltage by a qualified service technician. Do not attempt to alter this yourself.
14. Water and Moisture (if applicable): This product should be kept away from direct contact with liquids. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
15. **Caution** (if applicable): Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Batteries (a battery pack or an installed battery) shall not be exposed to excessive heat such as sunshine, fire, etc.
16. (If applicable) Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17. Protective earthing terminal (if applicable): The apparatus should be connected to a mains socket outlet with a protective earthing connection. 
  - Denmark (*Danmark*): Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.
  - Finland (*Suomi*): Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.
  - Norway (*Norge*): Apparatet må tilkoples jordet stikkontakt.
  - Sweden (*Sverige*): Apparatens skall anslutas till jordat uttag.
18. (If applicable) This symbol means the equipment is a Class II or double-insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth. 
19. **Warning** (if applicable): Provide an earthing connection before the mains plug is connected to the mains. When disconnecting the earthing connection, be sure to disconnect it after pulling the mains plug out from the mains.
20. This apparatus is for professional use only. Intended operational climate: tropical, moderate.
21. (If applicable) When moving or not using the appliance, secure the power cord (e.g., wrap it with a cable tie). Be careful not to damage the power cord. Before using it again, make sure the power cord has not been damaged. If the power cord has been damaged at all, bring the unit and cord to a qualified service technician for repair or replacement as specified by the manufacturer.
22. **Warning** (if applicable): Excessive sound pressure (high volumes) from headphones can cause hearing loss.
23. **Warning** (if applicable): Please refer to any important information (e.g., electrical, safety, etc.) printed on the exterior bottom enclosure or rear panel before installing or operating the product.

## Service Instructions

- Disconnect power cord before servicing.
- Replace critical components  only with factory parts or recommended equivalents.
- For AC line powered units: Before returning repaired unit to user, use an ohmmeter to measure from both AC plug blades to all exposed metal parts. The resistance should be more than 2,000,000 ohms.

## Safety Notices

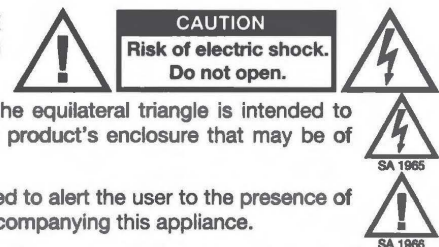
**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE ANY COVER. NO USER- SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

**DANGEROUS VOLTAGE:** The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

**INSTRUCTIONS:** The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this appliance.

**WARNING:** To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture. Electrical equipment should NEVER be kept or stored in damp environments.

**CAUTION (for U.S.A. & CANADIAN models only):** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.





**NOTICE CONCERNING LASER PRODUCTS: DANGER:** INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. USE OF CONTROLS OR ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

**NOTICE CONCERNING FCC REGULATIONS:** You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment. 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: (a) reorient or relocate the receiving antenna; (b) move this unit; (c) increase the separation between the equipment and receiver; (d) connect the equipment into an outlet on a circuit different from that to which the receiver is connected; (e) be sure that all cables are properly shielded, using a choke or ferrite where appropriate; or (f) consult the dealer or an experienced radio/television technician for help.

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.

**FCC RF Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**For Canadian models:**

- This device complies with Industry Canada licence-exempt RSSs. 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.
- 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.
- This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.
- This unit does not exceed the Class B limits for radio noise emission from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.



**ESD/EFT Warning:** This unit may contain a microcomputer for signal processing and control functions. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lock up. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again. The pins of connectors identified with this ESD warning symbol should not be touched.

For best audio quality, avoid using this device in a high RF-radiated environment. In an environment with radio frequency interference, the unit may malfunction and resume normal operation after removal of the interference.

For 240-volt use in U.K., use NEMA®-style 240-volt plug. For other countries use proper plug for local outlet.

**Double-Insulated:** When servicing use only identical replacement parts.



**Correct Disposal of This Product:** This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

**Disposal of Batteries (if applicable):**

- Never dispose of any types of batteries in fire or near excessive heat or direct sunlight. Overheated batteries can rupture or explode.
- If you are unsure of how or where to dispose of a battery, refer to your local ordinances for the proper location, method, etc.
- **Alkaline batteries & lithium button cell batteries:** You can safely dispose of alkaline and lithium button cell batteries with normal household waste. They do not pose a health or environmental risk during normal use or disposal. (Alkaline batteries are composed primarily of common metals like steel, zinc, and manganese.)  
Do not dispose of large amounts of alkaline or lithium button cell batteries in a group. Used batteries are often not completely "dead." Grouping them together can bring these "live" batteries into contact with one another, creating safety risks. To avoid this, insulate each battery with tape or other non-conductive material to ensure it does not discharge. Proven cost-effective and environmentally safe recycling processes are not yet universally available for alkaline and lithium button cell batteries. Some communities offer recycling or collection of these batteries. For more information, refer to your local ordinances or contact your local government.
- **Lead-acid batteries:** Dispose of lead-acid batteries by bringing them to an electronic waste center or recycling center, or dispose of them in accordance with your local ordinances. (Rechargeable lead-acid batteries are the same type used in automobiles and should be disposed of in a similar fashion.)

**California Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)



**General Note on the Declaration of Conformity:** We hereby declare that this device is in accordance with the essential requirements of the European Directive 2014/53/EU. The full EU declaration of conformity can be requested at the address shown here or at [denonpro.com/safety](http://denonpro.com/safety)

inMusic GmbH  
Harkortstr. 12 - 32  
40880 Ratingen  
GERMANY

**World Headquarters**

inMusic Brands, Inc.  
200 Scenic View Drive  
Cumberland, RI 02864  
USA

Tel: 401-658-5766

Fax: 401-658-3640

**U.K. Office**

inMusic Europe, Ltd.  
Unit 3, Nexus Park  
Lysons Avenue  
Ash Vale  
HAMPSHIRE  
GU12 5QE  
UNITED KINGDOM

Tel: 01252 896 040

Fax: 01252 896 021

**Germany Office**

inMusic GmbH  
Harkortstr. 12 - 32  
40880 Ratingen  
GERMANY

Tel: 02102 7402 20150

Fax: 02102 7402 20011

**denonpro.com**



7-51-1332-C