



INTEGRATED AMPLIFIER

AMPLIFICATEUR INTÉGRÉ | AMPLIFICADOR INTEGRADO

REV B

CONTACT AND SUPPORT

<https://dumaudio.com>

Support: hello@dumaudio.com

For instructional videos, please scan the QR code:



Important!

Read these instructions and all safety warnings before operating or assembling this product, failure to do so may result in damaged equipment or personal injury.

TABLE OF CONTENTS

2

Contact and support	1
Introduction	3
Unpacking	4
Contents	4
Amplifier	5
Controls	5
Input and Output Connections	5
Connecting	7
Input Devices and Speakers	7
Bluetooth® Sound Source	7
Troubleshooting	8
Warranty	9
Repair and Maintenance	9
Repairs	9
Maintenance	9
Important Safety Instructions	9
Federal Communication Commission Interference Statement	11
Innovation, Science and Economic Development Canada Statement	12
Specifications	13

INTRODUCTION

3

Thank you for purchasing Dum Audio's integrated stereo amplifier. Dum Audio's premium equipment delivers precise and clear sound with minimal noise and is easy to set up and operate.

To get the most out of this Dum Audio product, follow these instructions carefully. If you have any questions, please contact Support or see the instructional videos and pages on our website:

www.dumaudio.com



FEATURES

- Solid MDF enclosure with real hardwood veneer
- Solid aluminum components
- Tone control: bass, mid and treble
- Power output: 100 Watts RMS per channel + 200 Watts RMS subwoofer
- Analog inputs: 2 x RCA line in, 1 x 3.5mm line in
- Bluetooth® 5.0 with aptX
- Output for passive subwoofer

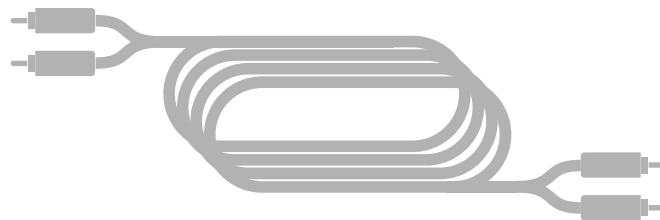
Carefully remove the contents from the packaging and verify that you have all the parts indicated below.

CONTENTS

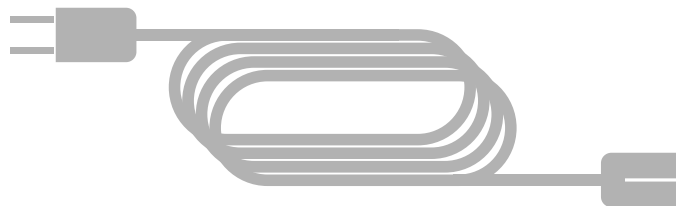
- Amplifier
- RCA Cable
- Power Cable



Amplifier



RCA Cable



Power Cable

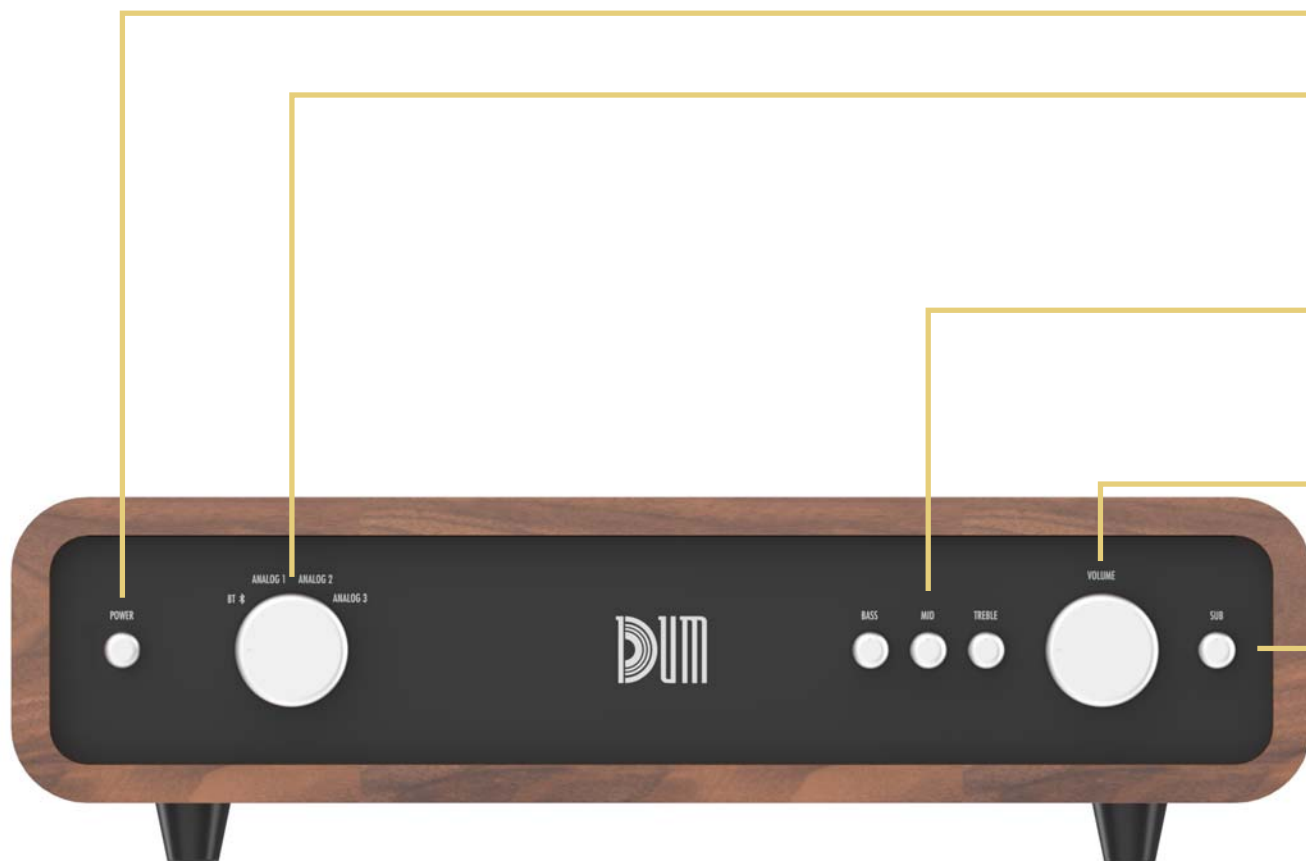
Warning: This electronic equipment should never be exposed to excessive heat or any moisture. Place on a level surface with enough surrounding space to allow for sufficient ventilation during operation.

Note: In normal circumstances, placing the Dum Audio Turntable on top of this Amplifier should not impede adequate ventilation to the equipment.

AMPLIFIER

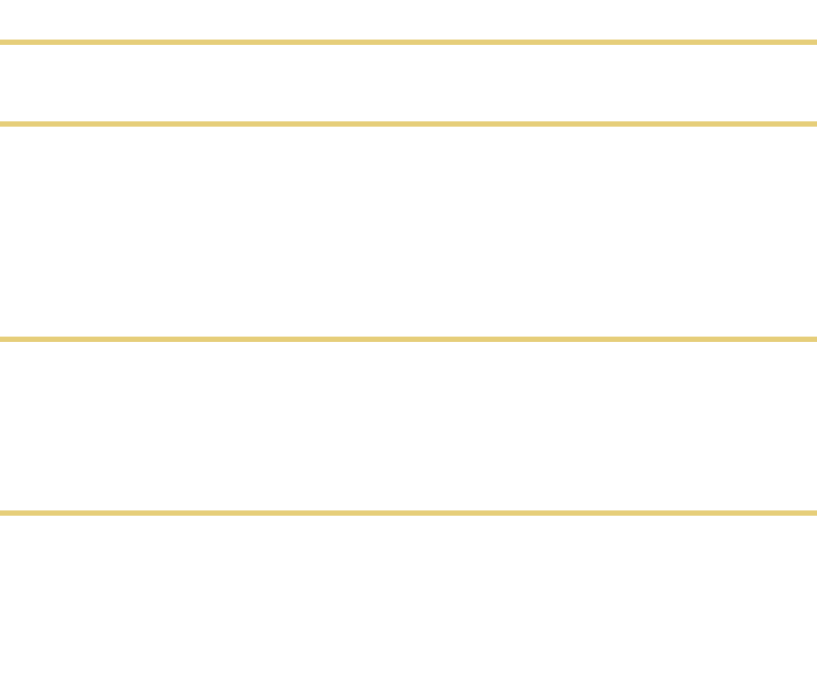
5

CONTROLS

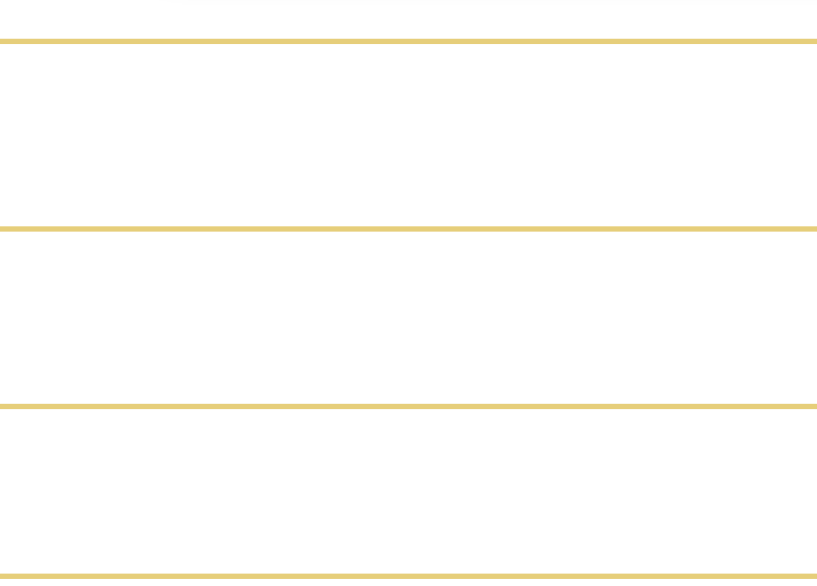


INPUT AND OUTPUT CONNECTIONS



- 
- 1 Power button
 - 2 Input selector
 - Bluetooth® 5.0 with aptX™
 - RCA analog line in #1
 - RCA analog line in #2
 - 3.5 mm analog line in
 - 3 Tone controls
 - Base
 - Mid Range
 - Treble
 - 4 Volume Control
 - 5 Subwoofer Level Control

Note: Speaker Cable Connections – It is important to always connect the positive and negative Speaker Terminals to the correct Speaker Cable Plugs – both on the Amplifier and on the Speakers. Failure to do so will have an adverse affect on overall sound reproduction. (Red = positive, Black = negative)

- 
- 1 Speaker Outputs (4 to 16 Ohm)
 - Right Channel
 - Left Channel
 - Subwoofer
 - 2 Voltage selector
 - Select the appropriate voltage setting for your region (ie. 100V for North America)
 - 3 Analog inputs
 - RCA Aux 1
 - RCA Aux 2
 - 3.5mm Stereo Jack
 - 4 AC 100V/60Hz or AC 240V/50Hz

INPUT DEVICES AND SPEAKERS

Using appropriate cables and/or adapters, connect speakers and input devices as shown in the cabling diagram on the last page of this manual.

Compatible input devices might include:

- Turntable (with internal or external preamp)
- CD Player
- MP3 player
- External digital streamer
- DAC
- Tape player

BLUETOOTH® SOUND SOURCE

- 1 Switch on the Amplifier
- 2 On the Amplifier, turn the source control to: Bt 
- 3 On your source device, search for 'Dum Audio' in the Bluetooth settings panel, and select.

Note: When connecting a phone or MP3 player via Bluetooth®, set the volume control on the Amplifier to half volume and adjust the final output volume on the Device.

ISSUE	SOLUTION
No Sound	• Make sure the amplifier is plugged in and turned on. • Make sure connected device/appliance is turned on and operating properly. • Make sure you have the proper input selected for the source you are trying to use. • Check connections – re-seat cables or replace.
Weak/thin/incomplete sound	• Verify that all speaker cables are connected with the correct polarity. (pos to pos, neg to neg)
Bluetooth not working	• Check device to make sure it is paired with "Dum Audio". • On your device, turn off bluetooth and then turn it back on and pair again. Select "Dum Audio" from the list of available devices. • If "Dum Audio" does not appear on the list of devices, make sure the amplifier's input selector is switched to BT. • Turn up the volume on the connected device.
Volume is low while using bluetooth	• Adjust the volume on the connected device.
White noise/hissing/humming	• If problem occurs while using a turntable, make sure it is grounded by connecting its grounding port to the grounding port on the amplifier with a proper ground wire.

Note: If the problem persists or you are experiencing an issue not addressed on this page, please contact support@dumaudio.com.

Dum Audio Inc. (the manufacturer) warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of one (1) year from the original invoice date. The manufacturer agrees at its option during the warranty period, to repair any defect in materials or workmanship, or to furnish a repaired or refurbished product of equal value, in exchange without charge (except for shipping handling, packing, return postage and insurance fees: which will be incurred by the customer). Such repair or replacement is subject to the verification of the defect or malfunction, and proof of purchase as confirmed by showing the model number on an original dated sales receipt. This warranty is only valid for the products purchased from a qualified distributor.

REPAIR AND MAINTENANCE

Warning: Always disconnect the power to the record player before performing any maintenance.

Important: This is not a User repairable product. Repairs should only be undertaken by the manufacturer or certified agents of the manufacturer. Failure to follow this restriction will violate the terms of the warranty and render it void.

REPAIRS

For all repairs contact Dum Audio.

MAINTENANCE

Wipe occasionally with a soft dry cloth.

IMPORTANT SAFETY INSTRUCTIONS

 The lightning flash with arrowhead within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous” voltage within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.	 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL	 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: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

WARNING: 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.

Important Safety Instructions

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions–The safety and operating instructions should be retained for future reference.
3. Heed all warnings–All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding 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.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug the apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified 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 has been exposed to rain or moisture, does not operate normally, or has been dropped.



15. 

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

-Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

-The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

16. 

This 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.

17. The mains plug is used as the disconnect device, The socket-outlet shall be installed near the equipment and shall be easily accessible.

18. WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.

19. The use of the equipment in moderate climate.

20. The ventilation should not be impeded by covering the ventilation openings with items such as, newspapers, tablecloths, curtains, etc.

21. No naked flame sources, such as lighted candles, should be placed on the apparatus.

22. The symbol with ~ indicate AC voltage.

23. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

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



CAUTION: Changes or modifications 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.

Radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device **may not cause** interference.
2. This device **must accept** any interference, including interference that **may cause** undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L' **appareil ne doit pas produire de brouillage** ;
- (2) L' **appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.**

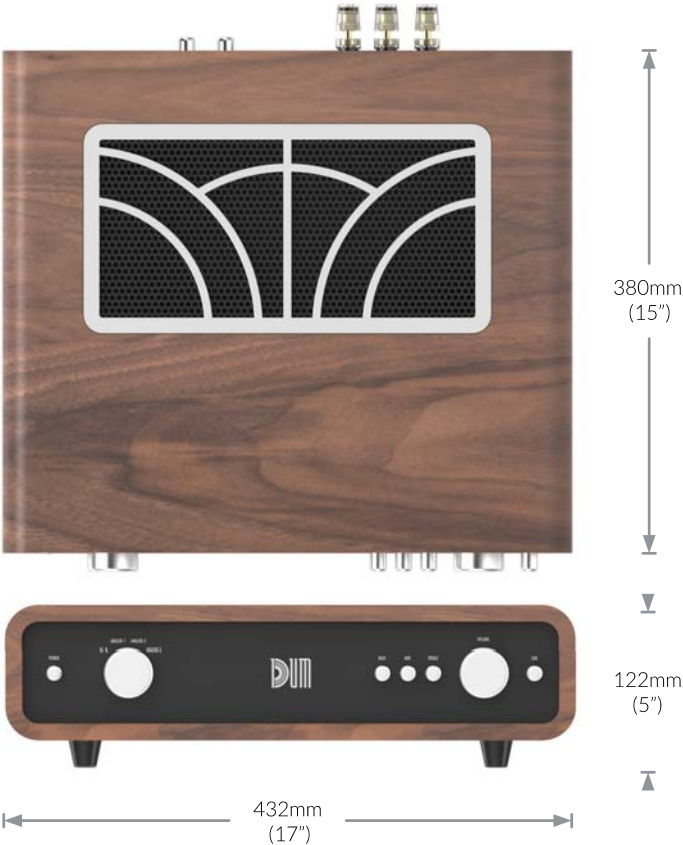
Radiation exposure statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps. Le PEN peut être utilisé avec une distance de séparation de 0 cm entre le stylo et votre corps.



Specifications

Analog Inputs	RCA (x 2), 3.5mm
Amp Architecture	Ultra HD Class D
Impedance	4-16 Ohm
Bluetooth	5.0 aptX
Power Input	AC 100V/60Hz or AC 240V/50Hz
Power Output	100W RMS (L/R)+ 200W RMS (Sub)
Total Harmonic Distortion (THD)	0.006% @1W
Frequency Response	20-20KHZ
Signal to Noise Ratio	111dB
Terminal Ports	Gold Binding Post
Input Sensitivity	900mV
Standby Power Consumption	<0.3W
Power Consumption	400W
Max Operation Temperature	45°C
Weight	8.0kg (17.6 lbs.)

Wood Finishes



System



