



INSTRUCTIONS FOR USE
Pro-Ject MaiA DS3

Dear music lover,

Thank you for purchasing an integrated amplifier from Pro-Ject Audio Systems.

In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse



Important notice

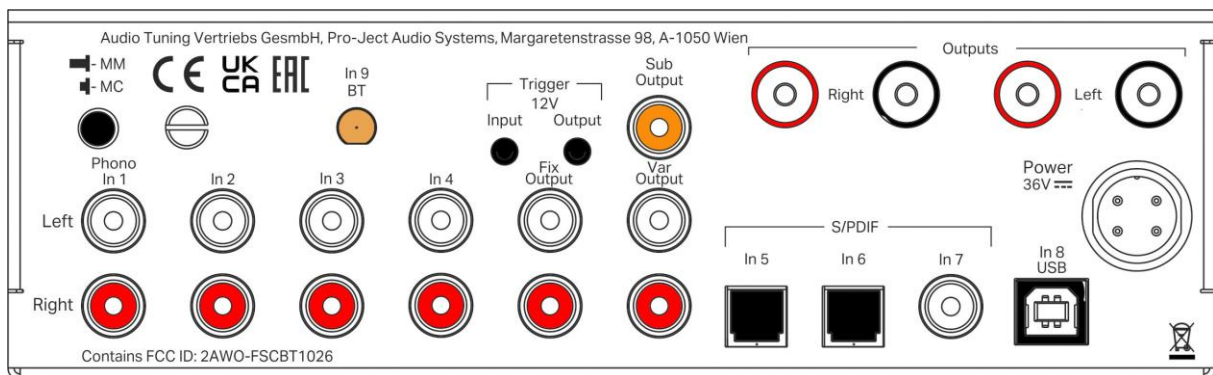
Safety instructions

AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.



The power supply is used to connect/disconnect the unit from the mains. Make sure that the power supply is easily accessible at all times. Never handle the device, the power supply while your hands are wet or damp. Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connectors



1. Make all connections except the connection to the headphone and USB whilst the unit is disconnected from the mains.

2. Never connect or disconnect the power supply to or from the unit whilst the power supply is connected to the mains. Never use any other power supply than the supplied one, with the exception of dedicated Power Boxes which can replace original power supplies.



3. Take care to connect the left and right channels of RCA inputs correctly. The right channel is usually marked red, the left channel black or white.

4. Speaker connections for the left speaker are located on the right hand side of rear view above, connections to right speaker are located on the left side. Speaker connectors marked red represent + according indicators on speaker terminal.

Mains power connection and methods to switch the unit on and off

Connect the low voltage plug from the power supply to the **Power 38V DC** socket of the unit **before** connecting the power supply to the mains. MaiA DS3 can be switched on and off by using 2 different methods which are equal in priorities.

1. Using front pushbutton to switch on or into standby

The pushbutton on the front panel of the unit alternately turns the power on or returns it to standby mode. The blue LED on the front panel shows that the unit is powered on. If a trigger signal is present MaiA DS3 can't be switched off by the pushbutton.

2. Remote power on - triggers

MaiA DS3 can be switched on via other Box Design components when a 12V trigger voltage is present at the 2.5mm socket marked **Trigger Input**. Special power-on cables (polarity $- \ominus +$) in diverse lengths are available as accessories. The remote power-on signal can be relayed to further units via the **Trigger Output** socket. When the 12V trigger signal is switched off, MaiA DS3 will also switch off.



Trigger cables may only be plugged into the sockets when the amplifier is disconnected from the power supply and from the mains. Failure to do so may result in damage of the unit.

Line output

A power amplifier, active loudspeakers or an active subwoofer can be connected to the output sockets marked **Var Output**.

Fix Line Output

Fix Output connects an analogue record device or a headphone amplifier.

Connection to the speakers

The output terminals accept loudspeaker cables terminated with 4mm Ø Banana plugs, spades connectors or naked wire.

Phono input

Connect the tonearm signal lead to the **Phono** input of the amplifier. The MM/MC switch on the back panel allows to adapt to connected cartridge type. The earthing wire may be connected to the screw terminal if you encounter hum problems when using the turntable.

Line inputs

Line level sources (CD player, radio or TV) can be connected to the inputs marked **In 2, In 3 or In 4**.

Digital inputs

Sources with a digital output such as TV, satellite/cable receiver or a game console can be connected to the digital inputs. Optical to **In 5** and **In 6** and coaxial to **In 7**.

Sub output

An active subwoofer may be connected to the output sockets marked **Sub Out**.

Connecting to a Computer

Connect the USB-input **In 8 USB** of the MaiA DS3 (unit must be switched on) to a free USB-socket on your computer and turn it on/make sure it is powered on. Select input **8**.

* For Windows® operating systems an USB Class 2 driver (supplied on CD) has to be installed

Mac OS® operating systems do not need an additional driver or setup.

Linux operating systems include an USB Audio Class 2 driver from Linux Kernel 2.6.35 and higher.



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

24Bit/192kHz playback with Windows® operating systems

* For Windows® operating systems a 24Bit/192kHzUSB driver (supplied on CD) has to be installed. Insert the included CD into the drive of your PC and follow the instructions.

After installing the driver, some settings have to be checked/done.

For example - Windows 10® operating system:

→ Control Panel → Sound → Playback:

select **Speaker/MaiA DS3 USB 2.0 Audio Out**

→ Properties → Supported formats: **make sure nothing is assigned**

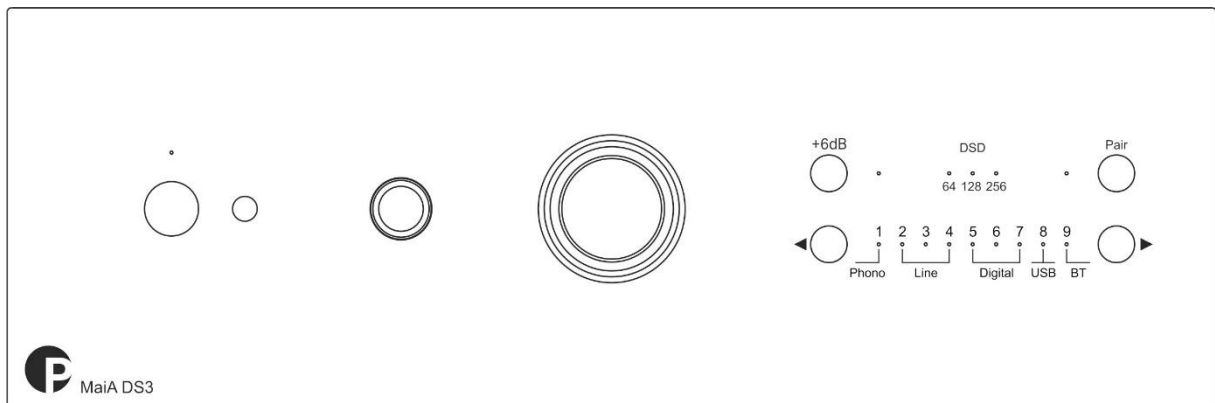
→ Level → Sound: setting must be **100**

→ Enhancements: **disable all enhancements** → Advanced → Default Format: set to **studio quality 24/192**

DSD playback

Playback of DSD files (.dff, .dsf) is possible over USB. Player capable of playing DSD files is required in your computer. On the front panel are LED's which indicate sample rate of DSD playback.

Front panel controls



Input selector

After the unit is powered on, pressing the buttons ◀ and ▶ selects the desired input. The LEDs show which input is currently active.

Volume

Adjust the volume to the desired level, using the large knob on the front panel.

Connecting a headphone

Connect the headphones to the 1/4" (6,3mm Ø) jack socket on the front of the unit. Once headphone jack is connected into the socket, rear panel outputs are muted.

+6dB button

gain of the preamplifier for all inputs is increased by 6dB if pressed

BT connection

Make sure the antenna is attached to its connector **In 9 BT** on the back panel prior using BT.



Only use the supplied antenna!

BT is active only when input 9 is selected. If you want to connect your device the first time activate the pairing mode by pressing and hold the button **▶ (pair)** until LED 8 starts blinking. The MaiA is now visible & ready to pair for 60 seconds.

Pairing with Android devices

Open **Settings** and turn on BT. Start a **Scan** for BT devices. Searched devices will show up. Tap on **"MaiA DS3"** and confirm presented pairing code on your Android device. When the connection was successful, the LED of Input 9 lights up continuously. Now you can play music from your Android device over BT to MaiA S3.

BT pairing with Apple devices

Tap on **Settings** and turn on BT. Your device will automatically start searching for available devices. Tap on **"MaiA DS3"** and confirm the connection. When the connection was successful, the LED of Input 9 lights up continuously.

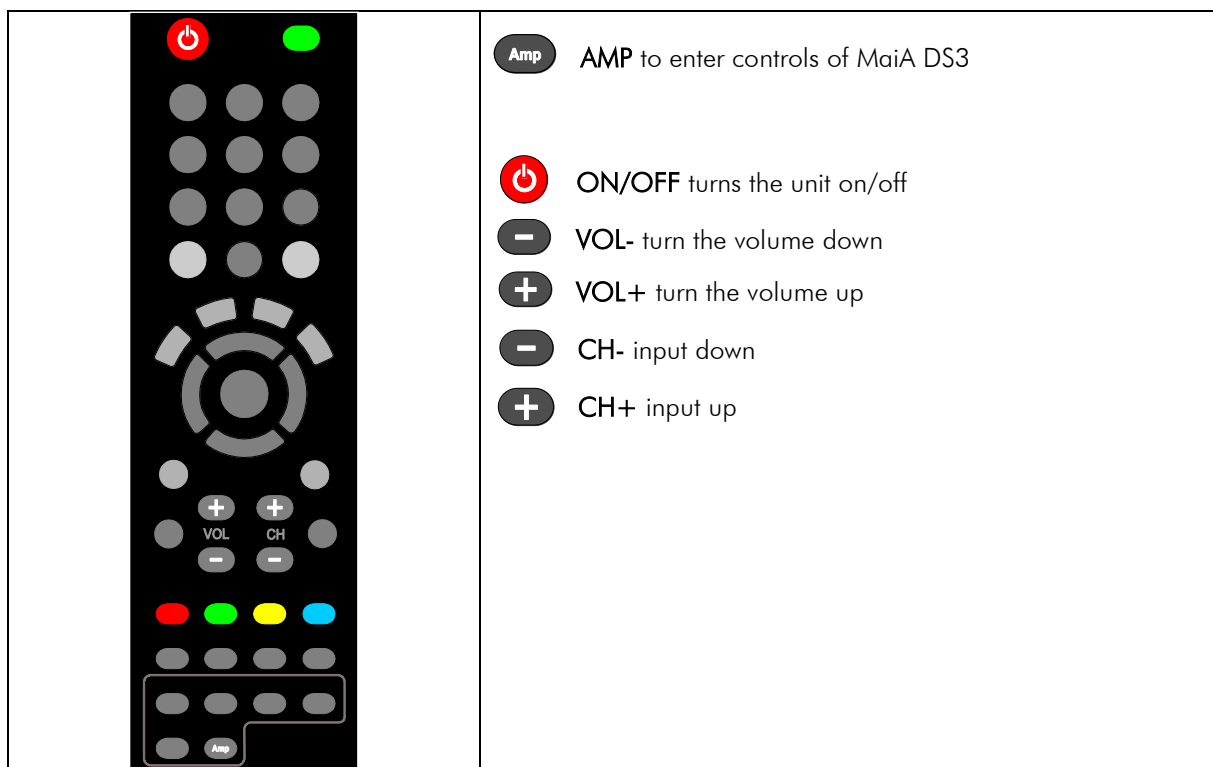
BT pairing with Windows smartphones

Open **Settings** and turn on BT. A scan for available devices starts automatically. Searched devices will show up. Tap on **"MaiA DS3"** and confirm presented pairing code on your Windows device. When the connection was successful, the LED of Input 9 lights up continuously. Now you can play music from your Windows device over BT to MaiA S3.



*MaiA DS3 can store up to 8 BT devices. If the memory is full, new connections will automatically replace the oldest connection. A new connection is only possible if the LED of BT input is blinking slowly (it indicates that no device is connected). You can reset & clear the BT module by holding the **◀** button and then turn the unit on. The LED +6dB will quickly flash & the device will then turn on after the reset is completed.*

Remote control



Replacing batteries

Proceed as follows:

- Unlock and slide open the battery case cover
- Replace the battery.
Make sure the battery is the right way round !
- Close the battery case cover

Battery type: 2x AA 1,5V



Do not dispose the batteries as ordinary domestic refuse. Please dispose your exhausted batteries at the appropriate collection sites - usually located at supermarkets and drugstores.

Technical specifications Pro-Ject MaiA DS3

Power output:	2x 80W/140W at 8 ohms/4 ohms (1%THD)
Frequency response (20Hz-20kHz):	< +/- 0,3dB at 20kHz 8 ohms
Channel separation:	- 73dB at 10kHz
Signal to noise ratio PA output:	97dB (105 dB - 'A' weighted) at 1kHz
Signal to noise ratio Variable output:	100dB (103 dB - 'A' weighted) at 1kHz
THD:	< 0,01% at 10W / 8 ohms
Headphone amplifier output:	2x 430mW at 32 ohms (1%THD)
Line level inputs:	3 pair RCA (sensitivity: 860 mV)
Line input impedance:	50 kohms
Line input gain:	29 dB
Phono input:	1 pair RCA
Phono input sensitivity:	suitable for MM, MI and MC cartridges
Phono input impedance:	MM 47k ohms / MC 100 ohms
Phono input gain:	MM 40dB / MC 60dB
USB input:	USB Audio Class 2 (requires USB 2.0 or higher)
PCM sample rates:	up to 192kHz / 24 bit
DSD support:	DSD64 , DSD128, DSD256
S/PDIF coaxial input:	1x up to 192kHz / 24 bit
S/PDIF Optical Toslink® input:	2x up to 192kHz / 24 bit
Digital to Analogue converter:	Texas Instruments PCM 1795DB 32bit/192kHz Delta-Sigma
Fix line level output:	1 pair RCA
Variable line level output:	1 pair RCA
Subwoofer Output:	1 x RCA
BT version:	5.0
BT music receiver codec:	aptX, aptX HD, A2DP profile
Speakers connectors:	Ø 4mm banana plugs, spades connectors or naked wire
Headphone amplifier:	1x 6.3mm stereo JACK
Headphone amplifier output:	2 x 430mW at 32ohm (1%THD)
Frequency response (20Hz-50kHz):	-0,1dB at 32 ohms
Min. recommended impedance:	16 Ohm
Trigger input:	12V on/off detector
Tigger output:	12V
Outboard power supply:	36V/5,5A DC suitable for your country's mains supply
Power consumption in standby:	<0.5W
Replacement battery remote control:	2x AA 1,5V
Dimensions W x H x D (D with sockets):	206 x 71 x 240 (252) mm
Weight:	1850 g without power supply

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only if the problem cannot be resolved there, the unit should be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or changes to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.

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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

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Waste from Electrical and Electronic Equipment (WEEE): This directive mandates the collection and recycling of electronics and component materials in order to reduce the amount going to landfills. Outside North America, when the user decides to discard this product, it must be sent to a separate collection facility for recycling. Please contact your point of purchase for more details.

Federal Communication Commission (FCC) Interference Statement FCC Part 15: 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.

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 Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna.

Contains FCC ID: 2AWO-FSCBT1026

EC Declaration of Conformity

We, **Canor spol. s r.o.**
Družstevná 39
08006 Prešov
Slovakia
(manufacturer)

declare under our whole responsibility that the products:

MaiA DS3

which are regularly supplied to

Pro-Ject Audio Systems a division of Audio Tuning GmbH
Margaretenstrasse 98
1050 Vienna,
Austria

to which this declaration relates is in conformity with the following harmonized standards for:

LVD: STN EN 62368-1:2018
EMCD: EN 55032:2015
EMCD: EN 55035:2017
RED: ETSI EN 300 328 V2.2.2 (2019-07)

following the provisions of EC directives as follows:

LVD: 2014/35/EU
EMCD: 2014/30/EU
RED: 2014/53/EU

and the EC regulation 1275/2008 and its framework directive 2009/125/EC for energy related products (ErP) according to the test performed under the following technical standard

EN 50564:2011

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