



BY PRO-JECT AUDIO SYSTEMS

# INSTRUCTIONS FOR USE

## Pro-Ject MaiA S2

Dear music lover,

thank you for purchasing a Pro-Ject Audio Systems' amplifier.

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

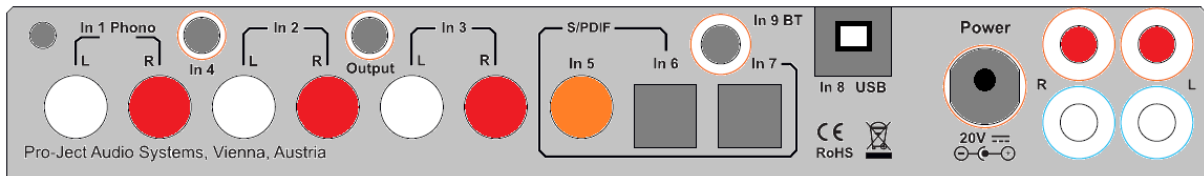
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.



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

MaiA S2



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



3. Take care to connect the left and right channels of **In 1**, **In 2**, **In 3** correctly. The right channel is usually marked red, the left channel black or white.

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

## Line output

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

## 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 **In 1 Phono** of the amplifier. The earthing wire may be connected to the screw terminal if you encounter hum problems when using the turntable.

## Line inputs

Line level sources such as CD player, radio or TV can be connected to the input sockets marked **In 2, In3 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. Coaxial to **In 5** and optical to **In 6 and In 7**.

## Connecting to a Computer

Connect the USB-input **In 8 USB** of the MaiA (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 **8USB**.

Windows 10 and 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 older Windows® operating systems a 24Bit/192kHzUSB driver (supplied on CD) has to be installed. Insert the included CD into the drive of you PC and follow the instructions.

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

For example - Windows 7® operating system:

→ Control Panel → Hardware and Sound → Sound → Playback:

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

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

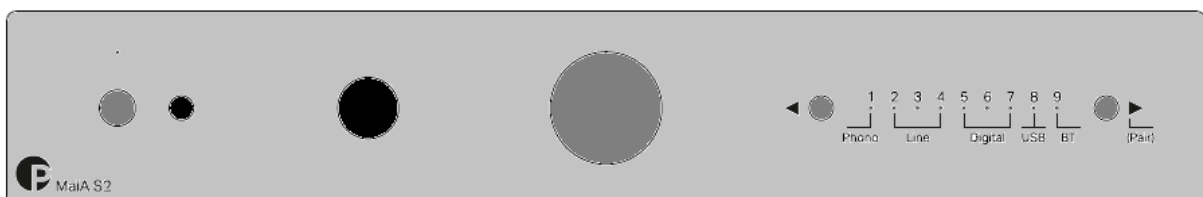
→ Level → Sound: setting must be **100**

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

## Mains power connection

Connect the low voltage plug from the power supply to the **Power** socket before connecting the power supply to the mains.

## Front panel controls



## To switch on from standby or to standby

The push button on the left side of the front panel turns the unit on or back into standby. The blue LED above the stand-by push button shows that the unit is switched on. Mute is active when LED is blinking.

## Input selector

After the unit is powered on, pressing the buttons ◀ and ▶ next to the LEDs inputs indicators selects desired input.

## 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.

## BT connection

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



*Use only supplied antenna*

BT is active only when input 9 is selected. LED of BT input is blinking slowly when no device is connected. If the LED is on, active connection with BT device is established.

### Pairing with Android devices

Open **Settings** and tap on **BT**. Turn on BT and tap on **Scan**. Searched devices will show up. Tap on "**MaiA S2**" and confirm presented pairing code on your Android device. Then press ▶ (**pair**) button on MaiA (alternatively **CH+** or **VOL+** button on remote control) when the blue LED of input 9 starts blinking fast. When paired with MaiA, your Android device will show "Connected to media Audio". Now you can play music from your Android device over BT to MaiA S2.



*Older devices may request a pairing code. Enter "0000" and confirm. No more confirmation on MaiA is then needed.*

### BT pairing with Apple devices

Tap on **Settings**, tap on **BT**, turn on BT. Your device will automatically start searching for available devices. Tap on "**MaiA**" and confirm by pressing ▶ (**pair**) button on MaiA (alternatively **CH+** or **VOL+** button on remote control) when the blue LED of input 9 is blinking.

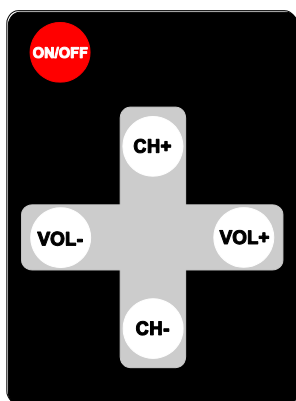
### BT pairing with Windows smartphones

Open **Settings** and tap on **BT**. Turn on BT and a scan for available devices starts automatically. Searched devices will show up. Tap on "**MaiA S2**" and confirm presented pairing code on your Windows device. Then press ▶ (**pair**) button on MaiA S2 (alternatively **CH+** or **VOL+** button on remote control) when the blue LED of input 9 starts blinking fast. When paired with MaiA, your Windows device will show "Connected to media Audio". Now you can play music from your Windows device over BT to MaiA S2.



*MaiA S2 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).*

## Remote control



turns the unit on or back into standby (long press), mute (short)



and adjust the sound volume



and select the inputs

VOL+ and CH+ confirm BT pairing  
VOL- and CH- cancel BT pairing

## 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: 1 x CR2032 / 3V or 1 x CR2025 / 3V



*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 S2

Power output :	2x 25W/38W at 8 ohms/4 ohms (5%THD)
Frequency response :	20Hz - 20kHz : -0,7dB, -0,5dB (@8ohms)
Channel separation :	> 65dB at 20kHz
Noise floor :	> -90dB (A weighted)
THD :	< 0,07% at 15W
Gain :	33dB (measured via line level input)
Line level inputs :	2 pair RCA + 1 jack 3.5mm
Line input sensitivity :	350mV
Line input impedance :	50kohms
Phono input :	1 pair RCA
Phono input sensitivity :	suitable for MM, MI or high output MC cartridges
Phono input impedance :	47kohms
Phono input gain :	46dB
S/PDIF coaxial input :	up to 24bit and 192kHz
S/PDIF optical input :	up to 24bit and 96kHz
USB input :	USB Audio Class 2 requires USB 2.0 or higher on computer
USB data transfer :	Asynchronous
Digital to Analogue converter :	Cirrus Logic CS4344 24bit/192kHz Multi-bit Delta Sigma type
Variable line level output :	jack 3.5mm
BT version:	2.1 +EDR
BT music receiver codec :	aptX, A2DP profile
BT maximum TX power :	+4dBm
Speakers connectors:	4mm banana plugs, spades connectors or naked wire
Headphone output :	6,3mm jack (16 – 600ohms)
Outboard power supply :	20V/3A DC, suitable for your country's mains supply

Power consumption : max. 3A DC, <0.5W in standby  
Replacement battery remote control : 1 x CR2032 / 3V or 1 x CR2025 / 3V  
Dimensions W x H x D (D with sockets) : 206 x 38 x 165 (176)mm  
Weight : 925 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.*

## Copyright, trademarks

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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: 2ACCRMB05**

## Declaration of Conformity

We, **Canor spol. s r.o.**  
Družstevná 13925/39  
08006 Prešov  
Slovakia  
(manufacturer)

and

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

declare under our responsibility that the product is in conformity with the provisions of Directives:  
2014/35/EU including amendments  
2014/30/EU including amendments  
2014/53/EU including amendments

The following harmonised standards were applied:

Health: EN62479:2010

Safety: EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013, EN62368-1:2014/A11:2017,  
EN61558-1:2005/A1:2009, EN61558-2-16:2009/A1:2013

EMC: EN301489-1 V2.2.0: 2017-03, EN301489-17 V3.2.0:2017-03, EN55032:2015, EN55035:2017,  
EN61000-3-2:2014, EN61000-3-3:2013

Radio Spectrum: EN300328 V2.1.1 (2016-11)

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