



BY PRO-JECT AUDIO SYSTEMS

# INSTRUCTIONS FOR USE Pro-Ject Amp Box DS2

Dear music lover,

Thank you for purchasing an 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

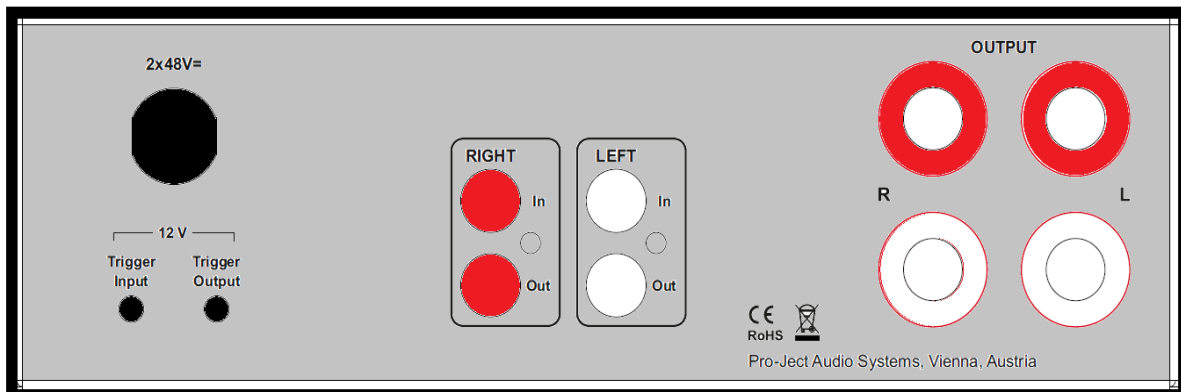
## Safety instructions

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 cord is used to disconnect the unit from the mains. Make sure that the power cord is easily accessible at all times. Never handle the device, the power cord/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. Tubes produce heat. Proper ventilation has to be guaranteed all the time. The unit must not be stacked.

## Connectors



Make all connections whilst the amplifier is disconnected from the power supply.

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



The red speaker terminals carry the positive signal (+), the black speaker terminals the negative signal (-). Make sure the polarity of the connection is correct at each end of the cables.

Only connect one loudspeaker with an impedance not less than 4 ohms per channel.

Never use any other power supply than the one supplied with the unit.

## Connection to the preamplifier

The RCA/cinch sockets marked **Left / Right In** are for connecting the cables from your pre-amp or AV processor. Sockets marked **Left / Right Out** are input bypass.

## Connection to the speakers

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

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

Connect the low voltage plug from the power supply to the **2x48V=** socket of the amplifier **before** connecting the power supply to the mains. Amp Box DS2 can be switched on and off by using 2 different methods.

### 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.



*Please note: If a trigger signal is present Amp Box DS2 can't be switched off by the pushbutton.*

### 2. Remote power on - triggers

Amp Box DS2 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, Amp Box DS2 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.*

## Technical specifications Pro-Ject Amp Box DS2

Power output	2 x 100W/140W at 8ohm/4ohm (both channels driven)
Frequency response:	10Hz - 50kHz (0dB, -3dB)
Channel separation:	>40dB at 20kHz
Noise floor:	>90dB
THD	<0.1% at 90W
Gain	31dB
Pre in	2 pair RCA (bypass input-output)
Input sensitivity	550mV (100W, 4ohms)
Input impedance	10kohm
Speaker connectors:	4mm banana plugs
Trigger	12V switching voltage
Trigger in and out	2-pole coaxial 2,5mm jack
Outboard power supply:	+ -48/2,5ADC, suitable for your countries mains supply
Power consumption:	2,5A DC, <1W in standby
Dimension (W x D x H):	206 x 194 x 68 aluminium; 240 x 194 x 69 wood
Weight (without power supply):	1670g aluminium, 2130g wood

## Service

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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