



## Power Dynamics PDA-B Series Amplifier Instruction Manual

[Home](#) » [Power Dynamics](#) » Power Dynamics PDA-B Series Amplifier Instruction Manual 



PDA-B Series Amplifier  
Ref. nr.: 172.024; 172.026



INSTRUCTION MANUAL

## Contents

- 1 PDA-B Series Amplifier
- 2 UNPACKING INSTRUCTION
- 3 POWERSUPPLY
- 4 OVERVIEW
- 5 REPLACING THE FUSE
- 6 TECHNICAL SPECIFICATION
- 7 Documents / Resources
  - 7.1 References
- 8 Related Posts

## PDA-B Series Amplifier

Congratulations to the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220/240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on.
- Never use the unit in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Do not force the controls.
- This unit has a speaker inside that can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this product has a built-in lead-acid rechargeable battery: Please recharge the battery every 3 months if you are not going to use the product for a long period of time. Otherwise the battery may be permanently damaged.
- If the battery is damaged, please replace with same specifications battery. Dispose the damaged battery environmentally friendly.
- If the unit has been dropped, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.

- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions.



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

**NOTE:** To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other.

Specifications can be changed without prior notice.

Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the unit. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Power Dynamics cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

## UNPACKING INSTRUCTION

**CAUTION!** Carefully unpack the box upon receipt. Check the contents to ensure that all parts are present and have been received in good condition. Notify the shipper immediately and retain packaging material if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all packaging materials. If the product must be returned, it is important that the product is returned in the original factory box and packaging.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

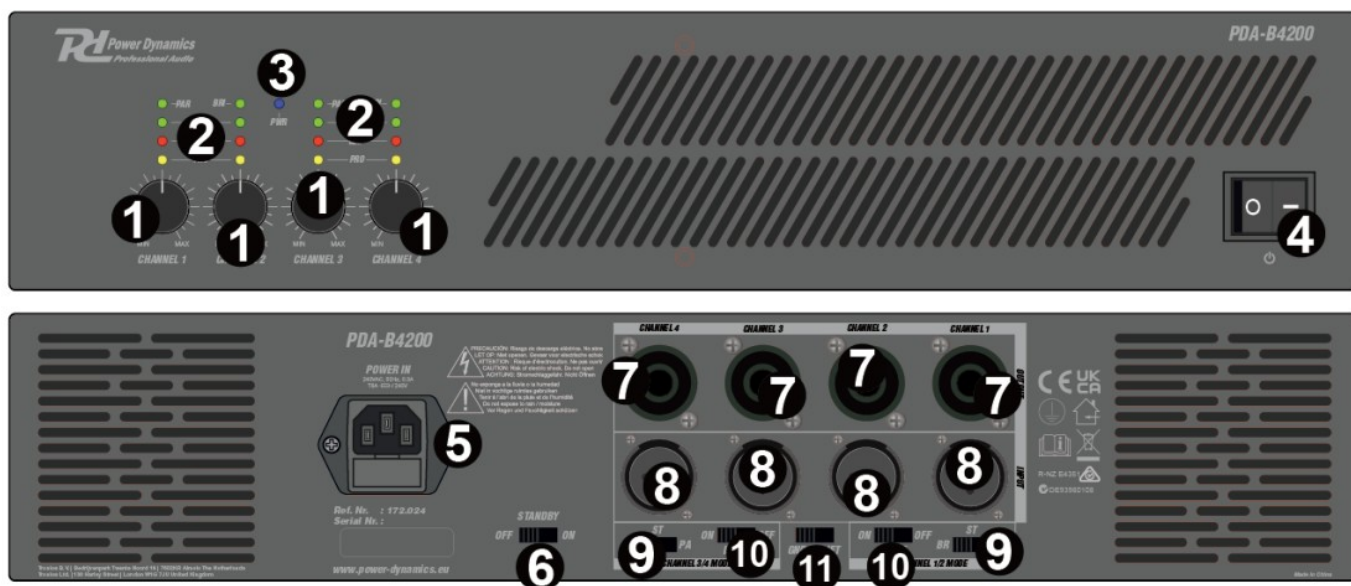
## POWERSUPPLY

The label on the back/under side of the product indicates the mains voltage to which it must be connected. Check that the mains voltage corresponds to this. Any other voltage than the one indicated may cause irreparable damage to the unit. The unit must also be connected directly to the mains voltage and no dimmer or adjustable power supply may be used.



Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

## OVERVIEW



1. CHANNEL 1-4 VOLUME CONTROL  
Rotate to change the volume output level of the corresponding channel.
2. OPERATION INFO LEDs  
LEDs showing amplifier working status (protect, clip, signal, parallel mode, bridge mode).
3. POWER LED  
LED showing power status.
4. POWER ON/OFF SWITCH  
Switch to turn the amplifier on/off.
5. AC IN / FUSE HOLDER  
Socket for plugging in the supplied power cord. For instructions on how to change the fuse, see “REPLACING THE FUSE”.
6. STANDBY SWITCH  
Set automatic standby to on/off. When switched on, the amplifier will go into standby mode automatically when no input is registered for 25 minutes. When input is registered, the amplifier will exit standby.
7. CHANNEL 1-4 OUTPUT SOCKETS  
NL-4 output connectors. When channels are used in bridge mode, connect 1+/2+, otherwise connect 1+/1-. In bridge mode, use channel 1 or 3.
8. CHANNEL 1-4 INPUT SOCKETS  
XLR input connectors. When bridge mode is used, connect to channel 1 or 3.
9. MODE SELECTOR  
Selector switch to choose between parallel-, stereo and bridge modes.
10. LIMIT SWITCH  
Switch to set limit to on/off. When set to on, the amplifier will limit amplitude.
11. GROUND / LIFT SWITCH  
Switch to choose between ground and lift. In lift position, the amplifier eliminates unwanted hum and buzz by interrupting the ground loops between equipment.

## REPLACING THE FUSE

If the fuse is defective, replace the fuse with a fuse of the same type and value. Before replacing the fuse, unplug mains lead.

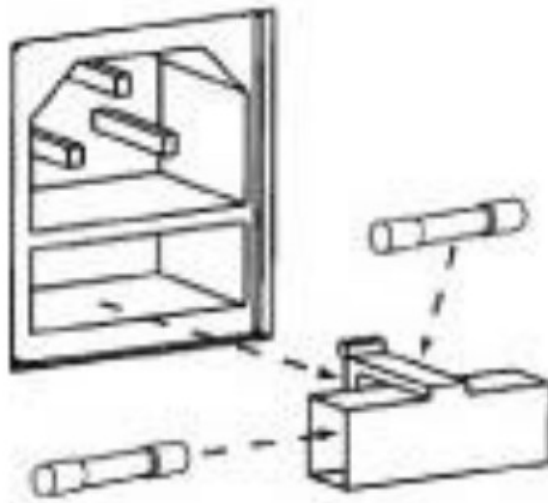
**Procedure:**

**Step 1:** Open the fuse holder on the rear panel with a fitting screwdriver.

**Step 2:** Remove the old fuse from the fuse holder.

**Step 3:** Install the new fuse in the fuse holder.



**Step 4:** Replace the fuse holder in the housing.

**TECHNICAL SPECIFICATION**

	PDA-B4200	PDA-B4100
Ref.nr.	172.024	172.026
Output channels	4	4
Output power RMS @ 4 Ohm	400W	200W
Output power RMS @ 8 Ohm	200W	100W
Output power RMS @ 8 Ohm	800W	400W
Speaker connections	NL-4	
Input connections	XLR (3-pin)	
Output connections	NL-4	
Frequency response	20Hz – 20KHz	
Power supply	220-240VAC 50Hz	
Dimensions (L x W x H)	475 x 417 x 97mm	
Weight	13,25	12,50

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual conform to the European Community Directives to which they are subject:

European Union	United Kingdom
Tronios B.V., Bedrijvenpark Twente Noord 18, 7602KR Almelo, The Netherlands	Tronios Ltd., 130 Harley Street, London W1G 7JU, United Kingdom
 2014/35/EU 2014/30/EU 2011/65/EC	 S.I. 2016:1101 S.I. 2016:1091 S.I. 2012:3032




Specifications and design are subject to change without prior notice.


[www.tronios.com](http://www.tronios.com)

Copyright © 2023 by Tronios The Netherlands

## Documents / Resources

 <p>INSTRUCTION MANUAL BEDIJVENHANDLEIDING MANUAL DE INSTRUCCIONES MANUAL D'ISTRUZIONI ISTRUZIONI PER L'USO SERVICO K. POUSETT</p>	<p><b><a href="#">Power Dynamics PDA-B Series Amplifier</a></b> [pdf] Instruction Manual PDA-B4100, PDA-B4200, PDA-B Series Amplifier, PDA-B Series, Amplifier, 172.024, 172.026</p>
--	--

## References

-  [Stibat](#)
-  [Stibat](#)
-  [Sound & Light distributor - Tronios.com](#)
-  [Inleveren is terugkrijgen - Wecycle](#)
-  [Inleveren is terugkrijgen - Wecycle](#)