



# Power Dynamics DS50A 100W Speaker Set Instruction Manual

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**Power Dynamics DS50A 100W Speaker Set**



## Instructions

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 is with speaker inside which can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this product have 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. And dispose the damaged battery environment friendly.
- If the unit has fallen, 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 center. 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!** Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that

all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damage from shipping or the package itself shows signs of mishandling. Save the package and all packing materials. In the event that the product must be returned to the factory, it is important that the product be returned in the original factory box and packing.

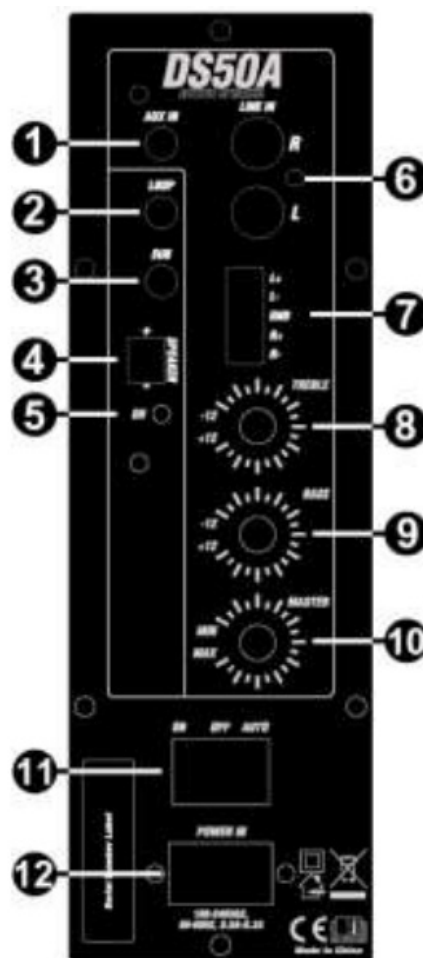
If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

## POWERSUPPLY

On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply.

**Note:** 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.

## CONTROL PANEL



1. AUX INPUT: 3.5mm (stereo) mini jack can be used to connect various audio sources.
2. LOOP OUTPUT: Stereo line-signal output for connecting to active speakers.
3. SUB OUTPUT: Bass output to connect to subwoofer.
4. SLAVE SPEAKER OUTPUT: Output for connecting with an active slave speaker.
5. POWER LED: LED indicator showing power status. When the power switch is set to 'ON', it will light up in a constant BLUE color. When the power switch is set to 'AUTO', it will light up in a BLUE color when a signal is detected. When no signal is detected or power switch is set to 'OFF', the light will be off.
6. RCA LINE INPUT: Stereo RCA input jacks. Connect with the output of an audio source with line signal, such as

- a CD player, tape deck, etc.
7. **SPEAKER INPUT:** Line signal speaker input.
  8. **TREBLE CONTROL:** Adjust the high tones/frequencies.
  9. **BASS CONTROL:** Adjust the low tones/frequencies.
  10. **MASTER VOLUME:** This knob controls the master volume.
  11. **POWER ON/OFF/AUTO SWITCH:** Turn ON or OFF. When in auto position, the amplifier will automatically turn on when a signal is detected. When no signal is detected, it will go stand-by.
  12. **POWER SUPPLY:** Insert the included power cord here to power the unit.

## CONNECT BT

1. Activate the BT-function on your device (Mobile phone, tablet etc.) from which you want to play the music. See the operating instructions for that device.
2. Press the "BT PAIR" button and activate BT-function.
3. Select "PD DS50" on your BT-device and make the BT-connection

If password is required, you can enter "0000".

**Attention:** The BT distance is approx. 10 meter without any barrier.

## TECHNICAL SPECIFICATION

- Output power MAX: 100W
- Output power RMS: 50W
- Diameter tweeter: 1/2"
- Diameter woofer: 5.25"
- Tweeter type: Mylar
- Magnet type: Ferrite
- Impedance: 8Ohm
- Frequency response: 70Hz – 16KHz
- SPL @ 1W/1m: 86dB
- Power supply: 100-240VAC 50/60Hz
- Power consumption: 0.52 – 0.29A
- Dimensions per speaker (L x W x H): 200 x 170 x 250mm
- Weight (kg) : 4,35


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:

- Low Voltage (LVD) 2014/35/EU
- Electromagnetic Compatibility (EMC) 2014/30/EU
- Radio Equipment Directive (RED) 2014/53/EU
- Restriction of Hazardous Substances (RoHS) 2011/65/EU

Specifications and design are subject to change without prior notice.

## Documents / Resources

 <p>Power Dynamics Professional Audio</p> <p>DS50A Speaker Set, 100W Net W. 100W/100W</p> <p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIJENINGSAANWIJZING MANUAL DE INSTRUCCIONES MANUAL D'INSTRUCTIONS INSTRUCCIA DEBOLIV</p> <p>10.1</p>	<p><a href="#">Power Dynamics DS50A 100W Speaker Set</a> [pdf] Instruction Manual</p> <p>DS50A, 100W Speaker Set, DS50A 100W Speaker Set, Speaker Set, 100.060, 100.062</p>
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## References

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