



# Power Dynamics PD ISPT 100V Speakers Instruction Manual

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**Power Dynamics PD ISPT 100V Speakers Instruction**



## Overview

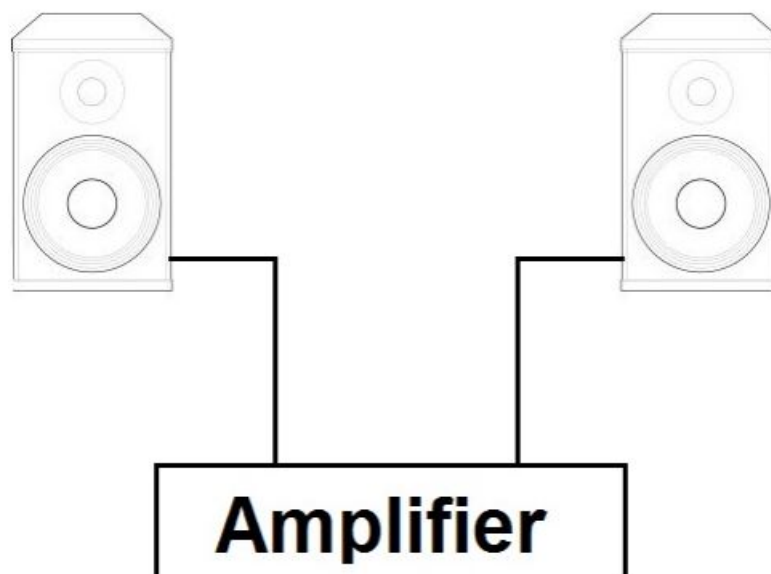
Congratulations on the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

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 for 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. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazards, 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 application guidelines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the lifetime.
- 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 a speaker inside which can cause magnetic field. Keep this unit at least 60cm away from the computer or TV.
- This unit is with a built-in lead-acid rechargeable battery. Please recharge the battery every 3 months if you are not going to use the unit for a long period of time. Or the battery may be damaged.
- If the battery is damaged please replace it with the 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 the 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.

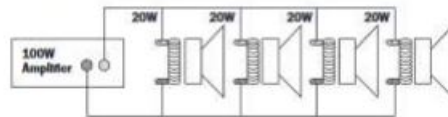
## BASIC CONNECTIONS



Use the switch on the back of the speaker to choose output power. The speakers can be used on either 8 Ohm or 100V line systems with 4W, 8W, 16W and 30W taps available for 100V use

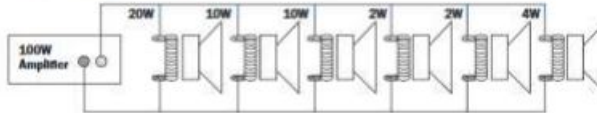
#### Standard 100V line

4 x 20W - 80W load

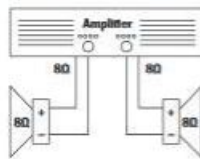


#### Multi-tap 100V line

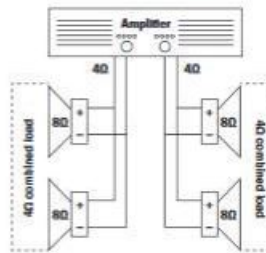
$20 + 10 + 10 + 2 + 2 + 4 = 48W$  load



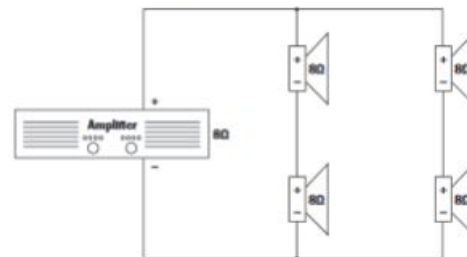
#### Standard 2 loudspeaker setup



#### Parallel 4 loudspeaker setup



#### Series parallel 4 loudspeaker mono setup



## HOW TO CONNECT YOUR SPEAKERS

1. Step 1: If the PA system is turned on, turn it off before making any connection.
2. Step 2: Connect the speaker to the 100 V output of the PA amplifier (black clamp = negative pole).
3. Step 3: Alternatively it is possible to connect the speaker to the low-impedance amplifier output.
4. Step 4: When connecting several speakers, make sure that all speakers have the same polarity and that the amplifier is not overloaded.
5. Step 5: Adjust the rotary switch to the desired power rating for the 100 V operation or select the 8 Ω position, for directly operating the speaker at a low-impedance amplifier output.




## Documents / Resources



## [Power Dynamics PD ISPT 100V Speakers](#) [pdf] Instruction Manual

PD ISPT 100V Speakers, PD ISPT, 100V Speakers

## References

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