



# Power Dynamics PS65 Ceiling Speaker Instruction Manual

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**Power Dynamics PS65 Ceiling Speaker**



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.

## Product Information

- **Product Name:** PS65 Ceiling Speaker
- **Reference Number:** 952.650
- **Version:** V1.1
- **Language:** English

## Product Usage Instructions

### Installation

1. Cabling of a 70/100 Volt system should only be carried out by a qualified electrician.
2. Ensure that the total load does not exceed the rated power of the amplifier.
3. Before starting the installation, determine the number of speakers to be installed in the room and their wattage.
4. Turn off the 70/100 Volt system before connecting the speaker(s).
5. Connect the speaker(s) to the 70/100V amplifier output using a two-core 100Volt suitable cable. Refer to the wiring diagram in the manual for guidance.
6. Always insulate unused connection cables.
7. If connecting multiple speakers, ensure that all speakers have the same polarity and that the amplifier is not overloaded.
8. Consult the tapping overview on the last page of the manual before connecting and avoid setting the switch to the empty position for 100V line operation to prevent unrepairable damage.

### General Usage Instructions:

- Avoid placing the unit near heat sources or on vibrating surfaces.

- Do not cover ventilation holes to prevent overheating.
- The unit is not suitable for continuous use.
- If the unit or its wiring is damaged, it should be repaired by a qualified technician
- If the unit is significantly damaged with visible internal parts, do not plug it into a mains outlet or switch it on. Contact your dealer for assistance.
- All repairs should be carried out by a qualified technician only.
- Follow applicable guidelines and instructions to prevent accidents in companies.
- Keep the unit out of the reach of children and do not leave it unattended.
- Avoid using cleaning sprays on switches as they can cause dust and grease deposits.
- Dispose of electric products at a recycling center and follow local authorities' or dealer's instructions.
- Do not attempt to repair or make changes to the unit yourself as it may invalidate the warranty.
- The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings in the manual.
- Power Dynamics cannot be held responsible for personal injuries or damages caused by disregarding safety recommendations and warnings.

**Note:** The specifications mentioned in the manual are typical, and actual values may slightly vary between units. Specifications are subject to change without prior notice.

## SAFETY INSTRUCTION

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.

- 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.
- If the lead is damaged, it must 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.
- All repairs should be carried out by a qualified technician only.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- 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 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.

- Keep the original packing material so that you can transport the unit in safe conditions.

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.

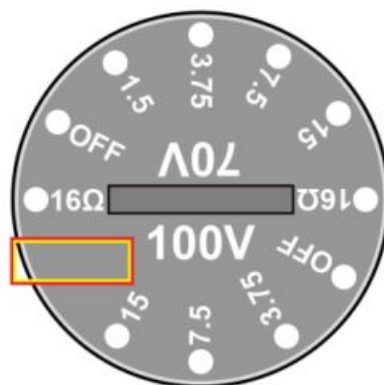
## INSTALLATION

Cabling of a 70/100 Volt system belongs to an electrical installation which may only be carried out by a qualified electrician! The total load must not exceed the rated power of the amplifier. Before starting the installation, make clear how many speakers , you want to install in the room, and with what wattage(s), as overload will damage the amplifier and speaker.

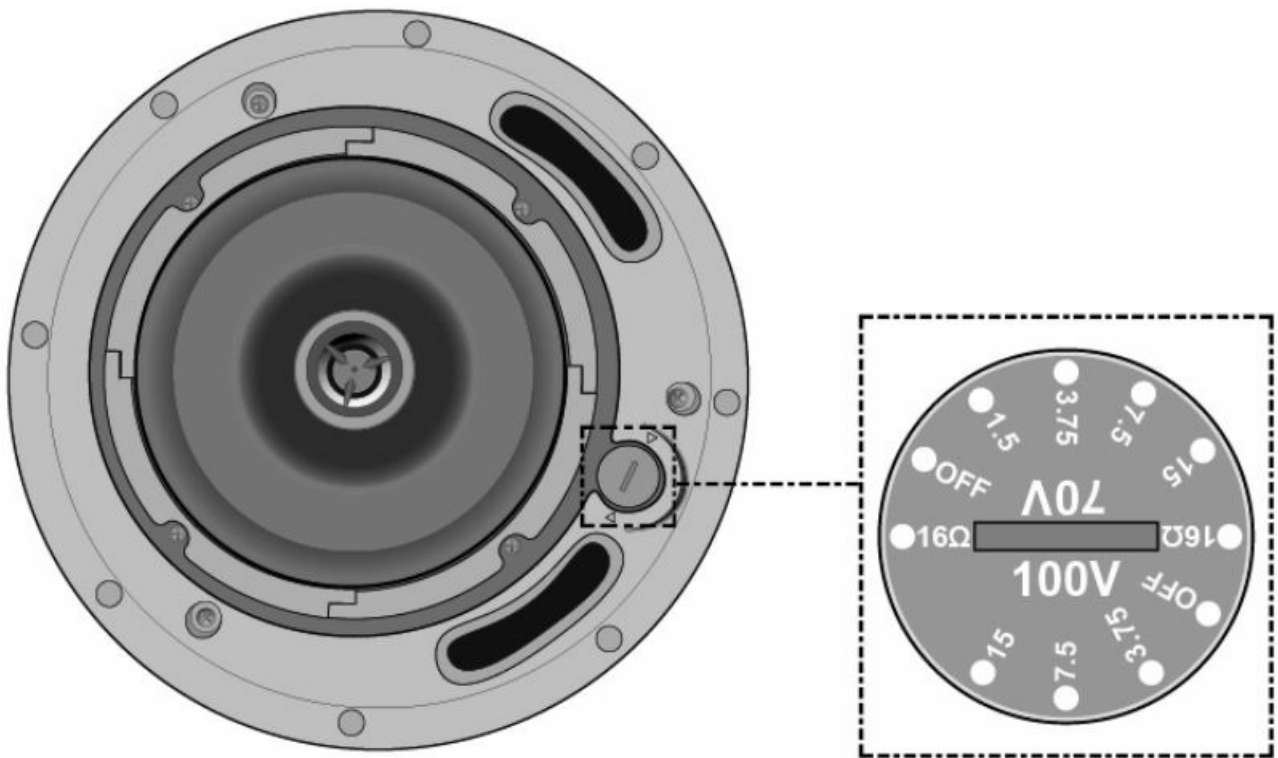
### Procedure:

1. **Step 1:** If the 70/100Volt system is turned on, turn it off before connecting.
2. **Step 2:** Connect the speaker(s) to the 70/100V amplifier output, using a two-core 100Volt suitable cable. For the wiring diagram, see later in this manual.  
Always insulate the unused connection cables.
3. **Step 3:** If you are connecting multiple speakers, make sure that all speakers have the same polarity and that the amplifier is not overloaded.

**CAUTION:** Never set the switch to the “empty” position for 100V line operation, as doing so may result in unrepairable damage. CONSULT THE TAPPING OVERVIEW ON THE LAST PAGE BEFORE CONNECTING!

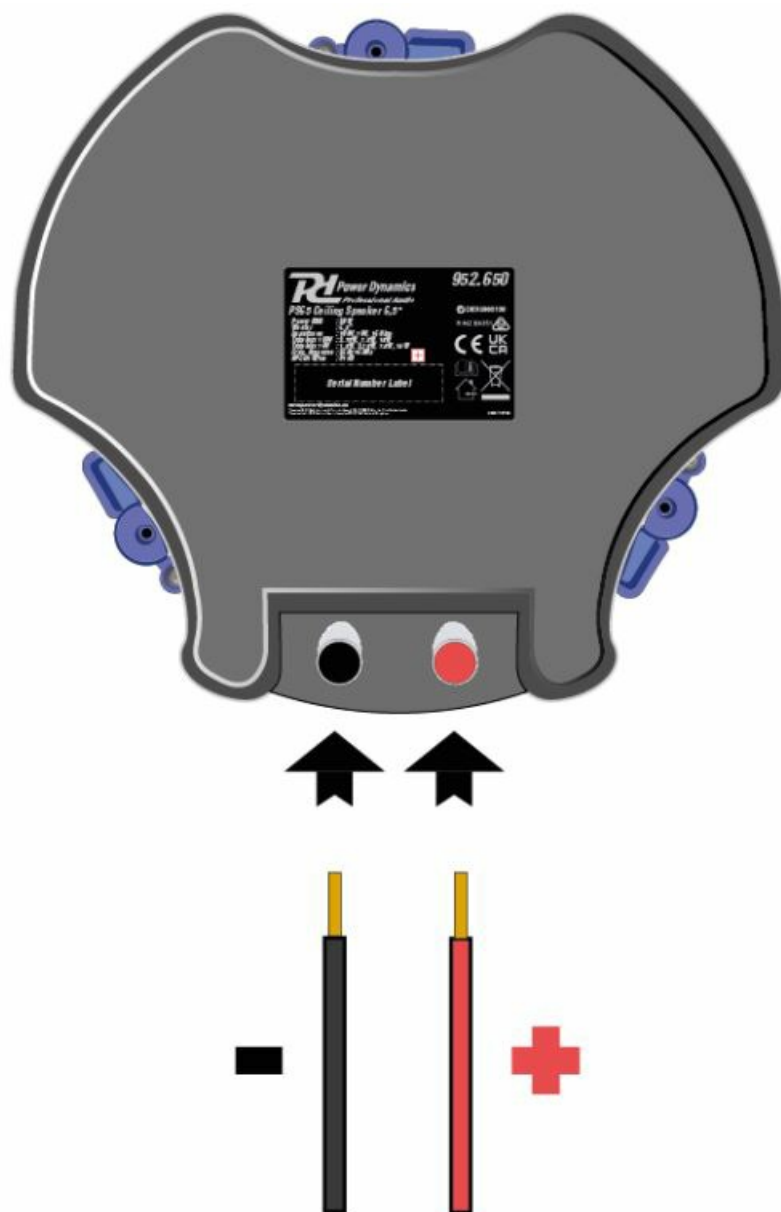


## ROTARY SWITCH



Before connecting, always make sure to set the rotary switch to the correct position! Never set the switch to “empty” position for 100V line operation, as doing so may result in unrepairable damage.

## CONNECTION DIAGRAM



## TECHNICAL SPECIFICATION

- **Output power: RMS:** 30W
- **Diameter tweeter:** 1"
- **Diameter woofer:** 6.5"
- **Tweeter type:** Mylar
- **Magnet type:** Ferrite
- **Impedance:** 100V, 70V, 16 Ohm
- **Tappings power (100V):** 3.75W, 7.5W, 15W
- **Tappings power (70V):** 1.5W, 3.75W, 7.5W, 15W
- **Frequency response:** 36Hz – 16.000Hz
- **SPL @ 1W/1m:** 91dB
- **Mounting depth:** 151mm
- **Mounting diameter:** 210mm
- **Dimensions (L x W x H):** 248 x 248 x 157mm
- **Weight:** 2,05

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

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Specifications and design are subject to change without prior notice.





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

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## Documents / Resources

	<p><a href="#">Power Dynamics PS65 Ceiling Speaker</a> [pdf] Instruction Manual PS65 Ceiling Speaker, PS65, Ceiling Speaker, Speaker</p>
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## References

-  [Stibat](#)
-  [Stibat](#)
-  [Sound & Light distributor - Tronios.com](#)
-  [Homepage - Wecycle](#)
-  [Homepage 11-sep - Wecycle](#)