



Power Dynamics CSAG-T CSAG-T Series Ceiling Speaker Instruction Manual

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Power Dynamics

Power Dynamics CSAG-T CSAG-T Series 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. 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.

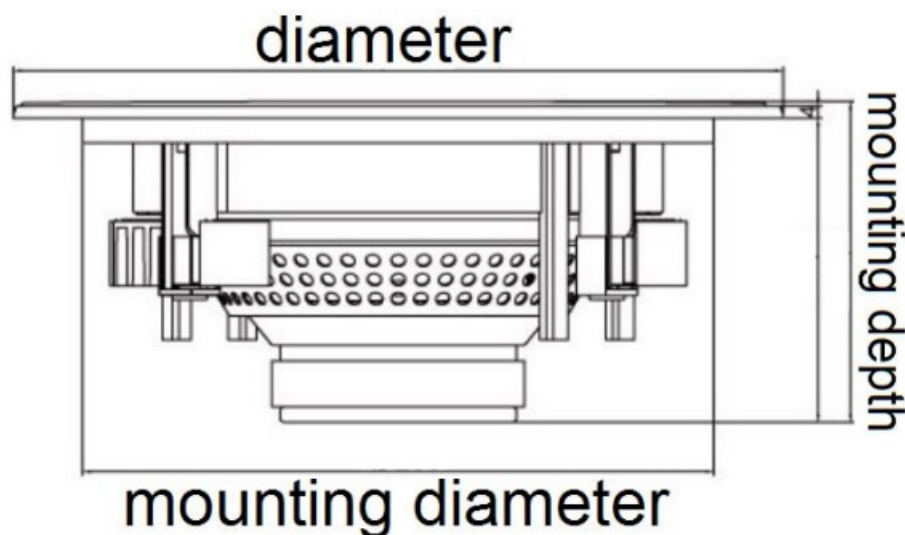
- The unit contains voltage-carrying parts. Therefore, do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- If the 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.
- All repairs should be carried out by a qualified technician only.
- 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.
- For use in humid rooms or outdoors: refer to the installation guidelines for safe assembly.
- To prevent accidents in companies, you must follow the application guidelines and follow 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 a speaker inside which can cause a magnetic field. Keep this unit at least 60cm away from the 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.
- 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.
- 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.

INSTALLATION



This speaker for ceiling mounting is a 100 Volt system specially designed for application in PA systems and must only be used for permanent installations, to be connected with an appropriate 100V-amplifier.

1. Drill a hole in the ceiling, big enough to fit the speaker (check technical specification sheet for size).
2. If the PA system is turned on, turn it off before making any connection.
3. Connect the speaker via two cables to the 100V output of the amplifier (see below for a connection overview); when connecting several speakers, make sure that all speakers have the same polarity and that the amplifier is not overloaded. Before starting with the installation, you must clarify how many speakers you would like to

install in the room.

4. Insert the speaker in the hole.
5. Use the swivel clamps to secure the speaker.

OPERATION

Procedure:

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

Always make sure that the output signal is not distorted and that your speakers will not get damaged. When distortions can be heard, either the amplifier or the speaker is overloaded. In order to avoid damage, reduce the volume immediately when distortions can be heard. When speakers are destroyed by overload, the guarantee becomes void. Cabling of a 100 Volt system belongs to an electrical installation that 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.

CONNECTION OVERVIEW



TECHNICAL SPECIFICATION

	CSAG6T	CSAG8T
Ref.nr.	952.520	952.522
Output power RMS	30W	40W
Diameter tweeter	3/4"	1"
Diameter woofer	6.5"	8"
Tweeter type	Dome	Dome
Magnet type	Ferrite	Ferrite
Tappings power	3,75W, 7,5W, 15W, 30W	5W, 10W, 20W, 40W
Impedance	100V	100V
Frequency response	45Hz – 20kHz	30Hz – 20kHz
SPL @ 1W/1m	89dB	89dB
SPL max	109dB	110dB
Mounting depth	80mm	86mm
Mounting diameter	200Ømm	240Ømm
Dimensions (L x W x H)	230Ø x 85mm	275Ø x 95mm
Weight	1.30kg	1.70kg

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:


- Electromagnetic Compatibility (EMC) 2014/30/EU
- Restriction of Hazardous Substances (RoHS) 2011/65/EU

Specifications and design are subject to change without prior notice.

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Documents / Resources

	<p>Power Dynamics CSAG-T CSAG-T Series Ceiling Speaker [pdf] Instruction Manual 952.520, 952.522, CSAG-T, CSAG-T Series, CSAG-T Series Ceiling Speaker, Ceiling Speaker, Speaker</p>
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-  [Sound & Light distributor - Tronios.com](#)
-  [Inleveren is terugkrijgen - Wecycle](#)
-  [Inleveren is terugkrijgen - Wecycle](#)

Manuals+.