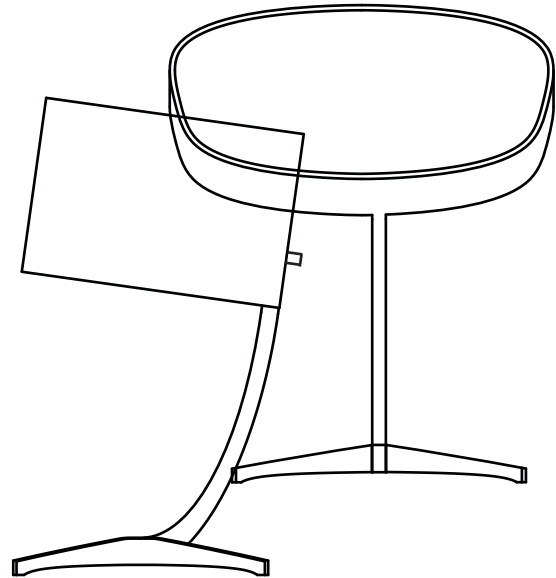


Davone

Ray, the manual



WELCOME

and thank you for choosing Davone to bring music to your home. Davone stands for combining traditional Danish hand craftsmanship with sound quality of the highest calibre. Therefore it is worth taking care with the set up of your system. In this manual you will find instructions for how to connect, position, maintain and warrant this loudspeaker.

Should you have any questions that you feel have not been answered, feel free to contact your dealer, your local Davone distributor or the Davone staff in Denmark.

STAND ASSEMBLY AND CABINET MOUNTING

The stands are packaged separate from the loudspeaker cabinets. For assembly of the stands and the mounting of the loudspeaker cabinet to the stand, follow the instructions included in the stand packaging.

PLACEMENT

WARNINGS

- a) This loudspeaker may not be placed close to a heat source, or in direct sunlight. Excessive drying of the wood and leather could occur, eventually damaging the cabinet and drying out, cracking and fading of the leather.
- b) The air humidity must be like a normal living room, between 40-70%
- c) Make sure that the loudspeakers stand firmly on the floor
- d) Do not sit on the loudspeaker cabinet.

FLOOR PLACEMENT

At the bottom of the stand you will find 4 M6 mounts. These can be used to mount spikes. This will place the Ray cabinet firm on the ground which will result in a more precise bass reproduction. Be careful, spikes can easily damage your floor. In case the stand is directly placed on a scratch sensitive floor, it is recommended to apply felt or rubber at the bottom of the stand for floor protection.

ROOM ACOUSTICS

When listening to music, part of the sound from the loudspeaker is reaching our ears directly. The rest is reflected via the walls, floor, ceiling, furniture etc. These reflections play an important role in our perception of the sound quality. Finding the optimal placement for your loudspeakers is all about tuning the reflected sound by changing loudspeaker position, listening position and, if needed, changing the room acoustics.

POSITIONING

You probably have a position for your loudspeakers in mind. Start with this position and try to position the loudspeakers not too close to a corner (>0.5m), and between 1.5m and 3 m apart. For the listening position we recommend in the middle in front of the speakers, a distance away from the speakers a little over the actual gap between them.

CONNECTING

With all equipment turned off, please check the connections on your loudspeaker cable. You now have the following two possibilities:

1. **(recommended) spade type connector:** rotate the speaker terminal knob counter clockwise and mount the + and - spade connector simultaneously in between the knob and the speaker terminal base. Tighten the speaker terminal knob firmly by rotating clockwise.
2. **no connector:** rotate the speaker terminal knob counter clockwise. Remove the cable isolation for about 10-15mm. Bend half of the wire strands around the left and the other half around the right side of the copper terminal piece. Do this for the + and - cable endings simultaneously and tighten the knob firmly by rotating clockwise.

A tie rap mount is provided in the stand base to enable to hide the loudspeaker cable out of sight. With the cable connected to the loudspeaker terminal, guide the cable downward the stand, and tighten it to the stand base with the tie rap. Note: the provided tie rap can not be released without cutting it.

CONNECT TO YOUR AUDIO AMPLIFIER

Ensure that positive terminals on the speaker (marked +) are connected to the positive output terminal on the amplifier. The negative terminals on the speaker (marked -) should be connected to the negative output terminal on the amplifier. With the cable securely connected to amplifier and loudspeaker, you can switch on your audio amplifier. If you are satisfied with the sound quality, you have now successfully installed your Davone Ray loudspeakers. If not, in the next section you can find recommendations how to improve.

FINE TUNING

- **Booming bass:** move the speakers further from the walls. Conversely, moving the speakers closer to the walls will increase the volume of bass.
- **Uneven loudness with frequency:** typically in bass range: make small changes to the position of the speakers or the listening position. The presence and position of large pieces of furniture can also have an influence.
- **Uneven stereo image:** ensure that the immediate surroundings of each speaker are similar in acoustic character. For example, the same distance to walls, same distance to soft furnishings and curtains, etc
- **Poor focus in stereo image:** try moving the speakers closer together or angling them inward or outward.
- **The sound is too bright:** increasing the amount of soft furnishing in the room (heavier curtains for example) may help balance the sound. Conversely, reducing the amount of soft furnishing may help brighten a dull sound.

If you are not satisfied with the sound image after these changes, try moving the listening position or locating the speakers along a different wall and repeat the above.

MAINTENANCE

All surfaces usually only require dusting. If you wish to use an aerosol or other cleaner, first test a small area. Some cleaning products may damage the surfaces. Avoid products that are abrasive, or contain acid, alkali or anti-bacterial agents. Spray aerosols onto the cleaning cloth, not directly onto the loudspeaker. The grille fabric may be cleaned with a normal clothes brush. Do not to clean the leather surfaces with products that are not specifically designed for leather.

SPECIFICATIONS

Type	.....	Coaxial
Woofer (inch)	.....	8
Tweeter (inch)	.....	1
Long term power (W, AES)	.....	150
Sensitivity (dB/2.8v, 1 m)	.....	89
Frequency range, -3db Anechoic (Hz)	.....	38-20.000
Impedance (Ohm)	.....	8
Crossover frequency (Hz)	.....	2800
Weight (Kg)	.....	25
Dimensions (HxWxD mm)	.....	734x590x447

WARRANTY

in case of warranty inquiries, please contact your dealer. In case of request for service under warranty, please enclose your original receipt. Use the original packaging for transportation.

This warranty covers the Davone Ray loudspeaker
Davone warrants that this product shall be free from production and
material defects for:

2 years

The warranty period begins at the date of sale and is subject to the following requirements and understandings:

- 1) Neither transportation cost, nor any risk for removal, transportation and installation of products is covered by this warranty.
- 2) Defects caused by incorrect installation or operation are not covered by this warranty
- 3) Davone shall not be liable for defects arising from accidents, misuse, normal wear and tear, mis-maintenance, voltage variation, overloading, stroke of lightning and any other force majeure events.
- 4) Defects arising from modification, repair or attempt to repair by a non authorized service facility are not covered by this warranty.
- 5) Davone is liable only to repair or replace defective parts or products and is not responsible for indirect losses or damages arising from the use of the product. A replacement cannot exceed the value of the product under warranty.
- 6) This warranty complements any national/regional law obligations of dealers or national distributors and does not affect your statutory rights as a customer.

Ray

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