



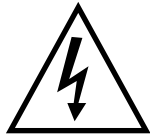
Davone

User manual Davone WiFi
loudspeakers, Twist, Meander

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.

Important safety instructions



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK; DO NOT OPEN THE SPEAKER HOUSING. NO USER-SERVICABLE PARTS INSIDE: REFER TO QUALIFIED SERVICE PERSONNEL



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Read these instructions
Keep these instructions
Heed all warnings
Follow all instructions

- Do not use this apparatus near water.
- Clean only with dry cloth
- Install in accordance with manufacturer's instructions
- Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Keep candles or other items with open flames away from this product at all times.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Use only with the stand sold with the apparatus.
- Use caution when moving the apparatus to avoid injury from tip-over.
- Place your product on a firm surface where you want it placed permanently. Do not place on top of other objects, stands or tables.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- **WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- If an abnormal smell or smoke is detected from the appliance, turn the power off immediately and unplug the unit from the wall outlet. Contact your dealer immediately.
- Do not attempt to open the product. Leave such operations to qualified service personnel.
- The product is intended for indoor use in dry, domestic environments only. Use within a temperature range of 15–25°C.
- Leave enough space around the product for adequate ventilation. Place 1 meter from wall and flammable objects such as curtains etc.
- Do not cover or place items on the product, such as clothing.
- The product can only be switched off completely by disconnecting it from the mains socket. The mains socket must always be accessible.
- The Safety markings are on the bottom of the product
- Be aware that volume suddenly can go up to max when starting music. Always check your sound level before you start playing music.



After unpacking, make sure the system is complete and check the device and all accessories for transport damage. Transport damage may be expected if the packaging is already severely harmed. Do not attempt to start up a damaged device. If the contents are incomplete or damaged, please contact your Davone dealer. Dealer addresses can be found on the Internet at www.davoneaudio.com.



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.



Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household waste, it must be collected and disposed of separately to protect the environment. For more detailed information on recycling this product, please contact your local authority.



Hereby, Davone declares that the radio equipment type Davone Loudspeaker is in compliance with Directive 2014/53/EU.

QUICK CONNECT GUIDE

The Google Home app is needed to connect the Loudspeaker to your WiFi. This app is designed to create a smart home with Google enabled devices, not just to connect devices to WiFi. Connecting the Loudspeaker might therefore take more steps than you expect. Follow the instructions below carefully.



- Turn on Loudspeaker by putting power cable in wall socket. Wait 5 minutes. While waiting, download the Google Home APP from Google Play or the App Store.



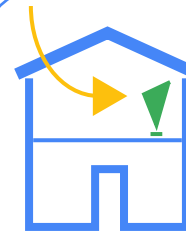
- Click the "Get started" text
- Enter a name for your home/location. You may (not required) enter the address if you like to use more features of the Home app.



- Next, Google Home will look for devices via Bluetooth. This can take some time.
- When the Loudspeaker (device) is found it will say "SM450" found.
- Click "Yes" to set up the device.



- The Loudspeaker will now communicate with your mobile on a private network (hotspot)
- The screen will say "Connecting to SM450...", This might take a few minutes.
- Did you hear a sound? , click "Yes". If you didn't hear a sound then still click "Yes".



- Select a location/ room for the Davone Loudspeaker, for example "bedroom"
- Select the Wifi network that your phone/pad is connected to and click next.



- Now it will say "Connecting to WI-Fi"
- "Connected"
- "Linking your SM450", click Yes "Next"
- Follow the instructions to finish the setup.

TROUBLE SHOOTING

SUGGESTIONS IF THE GOOGLE HOME APP CANNOT FIND THE LOUDSPEAKER AT FIRST INSTALL (OR AFTER FACTORY RESET)

- Turn on the Loudspeaker, it will broadcast a local network if it can not find a known network. Open the network list and select this network called Njordxxx. Open a browser and type 192.168.43.1 in the field where normally website www address are shown. This opens a website hosted on your Loudspeaker. Select your network and enter the wifi password, save and close. Do not press the upgrade button. When completed, redo the quick connection guide. Your network is now known by the Loudspeaker and the Google Home process should be fast now.
- Check if you are connected to the same network as the Davone Loudspeaker. If not go to the same network as the Davone Loudspeaker and try again.
- Redo the quick connect guide. The process can be slow, do not rush.
- Try restarting your phone and the Davone Loudspeaker
- Try clearing saved Wi-Fi networks from the Google Home app:
 - Click on the account icon on the top right o Click on "Home app setting"
 - Click on "Clear saved Wi-Fi networks"
 - Click ok
- If all else fails, it is possible to do a factory reset. This is not a magic button, it will only remove all previously stored networks and sound settings. For the Meander, the reset button is not easily accessible. It is located behind the cloth, close to the middle of the lower baffle. Push into the cloth with your finger and locate the edge of the amplifier, see also image below. Then locate the power connector on the right. Then locate the reset button (red) left of the power connector and press downward. You will feel a click. Press the button for at least 10 seconds.



WIFI RELATED ISSUES

- If you cannot connect to the Loudspeaker or the sound is unstable this could be due to a weak Wifi signal, for example if your router is set up in a closed cabinet.
- WiFi can be slowed down when a lot of people in the neighbourhood stream TV etc at the same time, typically 6-8 in the evening. Especially when you are at the end of a cable network. This slow operation should also happen on other systems (PC, TV etc) at that time.
- The problem could also be due to a slow WiFi signal to the router in the house. You can measure your Wi-Fi speed at www.speedtest.net. You must have over 10 Mbit and your ping (seen in the upper left corner) must be less than 10 in order for an optimal connection.
- Chromecast and therefore the Loudspeaker cannot connect to guest networks or networks that use a portal page to login.
- Networks using wireless range extenders can cause problems, we recommend wiring the extended access points to your main router.

AUTOMATIC SOFTWARE UPDATES

The Loudspeaker is equipped with so called OTA (Over The Air) update management which enables us to remotely update your Loudspeaker over WiFi with the latest available features. During an update the Loudspeaker will not play sound. This can take from 5 to 15 minutes.

MOVE TO A DIFFERENT NETWORK

It is highly recommended to do a factory reset in Google Home before moving the loudspeaker to a new network. Go to the Home app, select Loudspeaker, settings, select factory reset in the top right menu. Wait 5 minutes. Then turn the Loudspeaker off and on and follow the quick start guide to connect to the new network.

PLAY MUSIC

SPOTIFY CONNECT



- Make sure your phone/tablet is connected to the same wifi network as your Davone Loudspeaker and then open the Spotify APP.
- From the Spotify APP click the devices icon and select Davone Loudspeaker, or the name you have given to the Davone Loudspeaker.
- Spotify device icon:

GOOGLE CHROMECAST



- Make sure your phone/tablet is connected to the same wifi network as your Davone Loudspeaker.
- From any APP that supports Chromecast (such as Spotify, Tidal, TuneIn), you can connect by clicking the Chromecast icon and selecting your Davone Loudspeaker.
- Google Chromecast icon:

APPLE AIRPLAY

- Make sure your apple device is connected to the same wifi network as your Davone Loudspeaker.
- From you apple device you can activate Airplay by pressing the Airplay Icon and selecting your Davone Loudspeaker.

BLUETOOTH

- The Davone Loudspeaker is always available for pairing with any Bluetooth audio compatible device.
- Go to Bluetooth settings on your device and connect with the Davone Loudspeaker. When the connection is established, you can start playing music immediately from any APP supporting Bluetooth playback.

PLACEMENT

INTRODUCTION

The Meander is designed to use the reflections of sound. Hard walls, floor and ceiling close to the Loudspeaker will carry the mid and high frequencies further into your room and will contribute to a larger sound experience. A good sound can therefore be obtained by placing the Loudspeaker not too close to dampening elements like for example curtains, carpets or couches. The above is not relevant for the Twist.

Low frequencies however, improve with some damping in the room: But these dampening elements do not need to be close to the Loudspeaker. By doing 2 quick experiments you can learn the basics of bass / low frequency room acoustics. We hope you are up for it. Just pressing an automatic room correction button might lead to disappointing results. A well balanced sound will make your music a lot more realistic and enjoyable.

LISTENING TO A STANDING WAVE

When a loudspeaker plays music in a room, the sound is reflected back and forth between the walls, floor and ceiling. In the low frequencies this will lead to so called standing waves. You can hear these yourself. Search for "sinewave 100 Hz" at Spotify. Play and walk through the room. You will hear that the loudness varies a lot depending on where you are. Loudest in the corner and hardly audible in other places away from the walls. Sitting and standing will also give different loudness.

LISTENING TO ROOM AMPLIFICATION

Place the Loudspeaker in a corner. Play some music and pay attention to the bass. Now place the Loudspeaker in the middle of the room and play the same music. You will hear the bass has become a lot less. The amount of sound the Loudspeaker produces is spread in all directions now and therefore the bass output seems to be less compared to the corner position, even though it is the same.

ROOM ABSORPTION

The Loudspeaker is designed to deliver high fidelity throughout the room, not just one listening position. It does do by pointing the loudspeakers upwards. The sound is reflected and spread out from the ceiling and walls. The harder the surfaces, the better this works. Carpets, curtains and furniture absorb the high frequencies more than the low frequencies. The sound becomes unbalanced and might need a correction.

PLACEMENT, continued

ROOM CORRECTION LIMITATIONS

We have learned standing waves cause the low frequencies to be of different loudness throughout the room. No room correction system in the world can correct for this effect. All it can do is optimize the sound level in a small listening area. However, standing waves are most audible with continuous bass tones. Then the standing wave gets time to build up by bouncing back and forth between the walls. Luckily, most music does not have many continuous bass tones so the effect might not be very prominent with music


ROOM CORRECTION

Now you have become a room acoustics expert, you are ready to put the Loudspeaker in your preferred position. We have done our best to give the Loudspeaker a neutral character that is not very room critical. So hopefully it sounds all good to your ears. If not, no worries. Download the room correction app from the Google play or Apple app store. Then go to the equalizer menu and make corrections while listening where you would do normally and then;

- If you have placed the Loudspeaker in a corner or close to a wall, the bass possibly needs to be adjusted downwards. Adjust the equalizer accordingly.
- You find it difficult to understand speech? If your room has many absorbing elements it is beneficial to point the front of the Loudspeaker towards your listening area.
- If the above is not sufficient, it is likely that the high frequencies need to be adjusted upwards. Adjust the equalizer accordingly. The sound will become more open and clear.
- If you have a large room, perhaps you lack bass? Move the Loudspeaker closer to a wall or corner or adjust the equalizer bass setting upwards. This will limit the maximum output however, so adjust within reason.
- Generally the mid tones do not need adjustment, but there is no harm in playing with the level.
- If still not satisfied, please contact your dealer or Davone for further assistance.

MULTIROOM

SETUP MULTIROOM

- Open your Google Home app (make sure you are connected to your Wi-Fi network).
- Click the add symbol in the top left corner.
- Click "create speaker group"
- Select the Google Home speakers you want to include then pick a logical name for the group.
- Google Home app icon: 

HOW TO CORRECT MULTIROOM DELAY

- Play music in the group that's playing out of sync.
- Stand between the out-of-sync speakers (or as close to in between as you can) and adjust their volume levels so you hear them both playing at about the same level.
- Open the Google Home app.
- In Home, tap the device you want to correct group playback delay.
- Tap Settings and then Group delay correction.
- Move the slider to the left or right until the audio sound is in sync.

MAINTENANCE

- **Painted metal** usually only requires 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 paint.
- **Fabric** is best cleaned with an adhesive roller. A clothes brush is not recommended. The cloth in the front area could develop some wrinkles after cleaning. These can be removed by increasing the tension on the cloth by pushing the cloth into the sides or pulling upwards or downwards away from the wrinkle.
- **Laquered wood (Loudspeaker walnut only)** usually only requires 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 lacquer.
- **Oiled wood (Loudspeaker oak only)** is treated with oil. The surface can fade over time. If needed, the oil can be reapplied. Originally "Rustic Table top wood oil" - white, a curing oil from Junckers, has been applied .
- **Removing the grille cloth.** This is not recommended because it is not easy to put it back without wrinkles. Contact Davone for instructions.

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 Davone loudspeakers. 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 authorised 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.*