

DoDeca ONE

Wireless Powered Speaker System

User Manual



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Welcome

DoDeca is more than just a loudspeaker. It's innovation, design, a work of art.

Thank you and congratulations for choosing our DoDeca ONE wireless speaker.

DoDeca One is a high-performance stand-alone wireless loudspeaker system featuring five drive units, each driven by its own dedicated power amplifier. Its high-resolution wireless audio streaming can be either on uPnP/DLNA via a dedicated app installed on your device, or as a multi-room end point. This means that you can easily stream your music from your smartphone or tablet to any room in your home with the highest sound quality. The audiophile technology is complemented by the unique and stunning dodecahedron-shaped cabinet which isn't just pleasing to the eye: it allows the drive units to be positioned at angles of 33° from each other to create an enveloping and holographic sound experience.

We are very proud of DoDeca One and we're sure that you will appreciate it. Your DoDeca One's performance benefits from careful installation, so we suggest that you take time to read this user manual before proceeding. Looking after your DoDeca One will reward you with many years of listening and visual pleasure.

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Important safety notes

1. Please read and follow these safety notes and keep them safe for future reference.
2. Observe all warnings in this manual and directly on the DoDeca One.
3. Check the DoDeca One for damage before use – damaged parts may be dangerous.
4. Do not install the DoDeca One in a closed rack or in a closed cupboard.
5. Do not put burning candles on or near the DoDeca One.
6. Do not install the DoDeca One near transformers because electromagnetic stray fields can cause hum noise on woofers.
7. Connect only as indicated in this manual.
8. The DoDeca One must be connected to a mains socket outlet with an efficient earth connection.
9. Unplug your DoDeca One from mains during lightning storms or when unused for long periods of time.
10. Extreme overload of the device due to very high volume may cause damage to individual components. Because of the possible danger, you should never leave your DoDeca One unattended under extreme overload conditions.
11. Refer all servicing to authorised service personnel. Servicing is required when the DoDeca One has been damaged in any way (e.g. the power-supply cord or plug is damaged), any liquid has been spilled or objects have fallen into it, it has been exposed to rain or moisture, it does not operate correctly, any smoke or unusual smell is coming from it or it has been dropped.
12. Do not open the DoDeca One, there are potentially lethal voltages present inside. Any servicing must be carried out by qualified service engineers only.

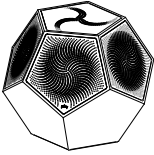


13. Continuous high volume listening may damage your hearing – please moderate your listening sessions.
14. Although we do everything possible to make sure your DoDeca One will go on forever, it also has a finite lifespan, depending on numerous factors. At its end of life, do not discard the DoDeca One with standard household waste: it must be recycled in accordance with local legislation. Ask your local government for further information on recycling as the device contains valuable raw materials.
15. The DoDeca One must only be connected to mains voltage as indicated on the rear panel. Connection to any other voltage may cause irreversible damage and will void the warranty.

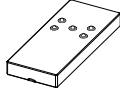
Unpacking

Package contents

Check to make sure that all parts are included. These are:



1 x DoDeca One



1 x DoDeca DRC1
remote control



1 x gloves (pair)



1 x Quick start card



1 x Mains cable

Please check whether the packaging and/or the DoDeca One speaker or other individual parts have been damaged during transportation. If this was to be the case, we strongly recommend that you contact your authorised DoDeca dealer for advice before installing the unit.

Keep all packing materials: every time you will need to transport your DoDeca One, its original purpose-designed packaging will provide the safest protection. Furthermore, you will also help to protect the environment.

Carefully remove your DoDeca One and all accessories from the packaging before storing it.

Placement

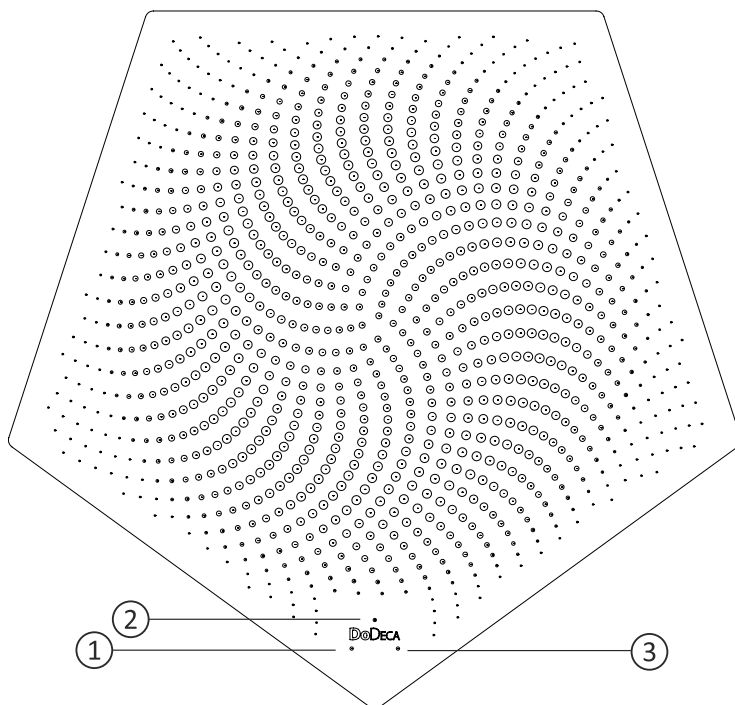
Your DoDeca One should be placed on a flat and level surface in a safe place, out of the reach of children. It should not be placed in direct sunlight, in very humid environments, or in extreme cold. Keep cards with magnetic strips away from the DoDeca One as the speakers are not magnetically shielded.

Care

Clean only with a soft, smooth cloth or with a soft dust brush, especially on the metal grilles. Do not use scouring agents, alcohol, benzene, furniture polish or other cleaning products.

Controls, indicators, and connections

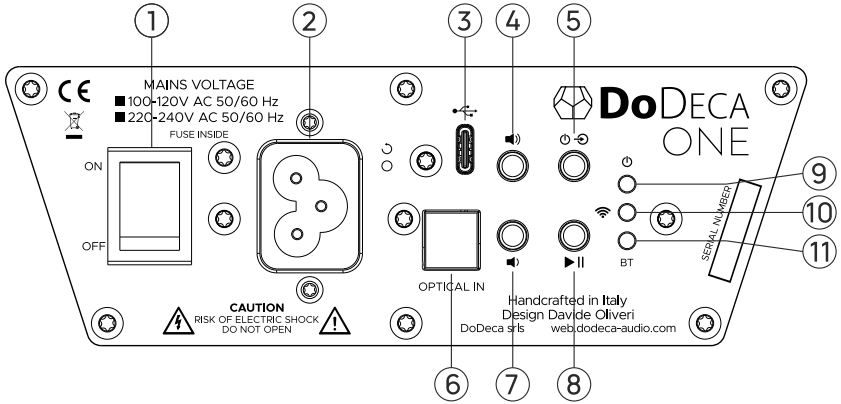
Front grille



- ① Wi-Fi status LED (white)*
- ② IR remote control receiver sensor
- ③ Bluetooth status LED (blue)*

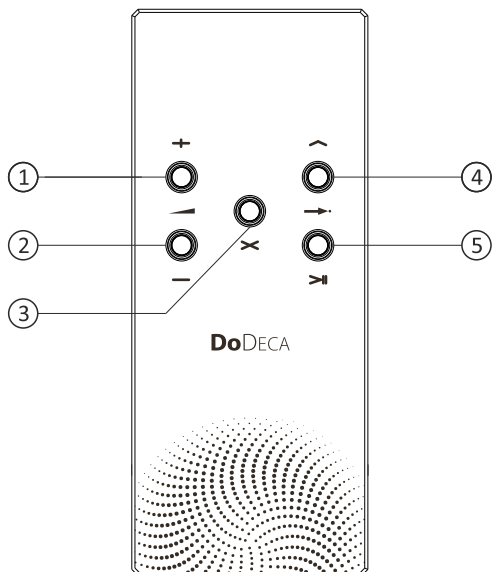
* Note: both LEDs are off when the Optical input is selected

Rear panel



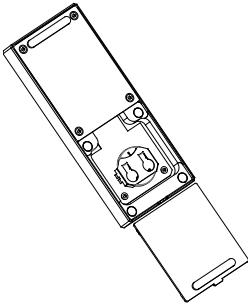
- ① Mains power switch
- ② IEC C6 Mains power socket
- ③ USB - Note: for service only, do not use.
- ④ Volume + button
- ⑤ Power on / Input select / Wi-Fi reset pairing button
- ⑥ Optical digital audio input
- ⑦ Volume - button
- ⑧ Play / Pause button
- ⑨ Power LED (white)
- ⑩ Wi-Fi connection status LED (white)
- ⑪ Bluetooth connection status LED (blue)

DRC1 remote control



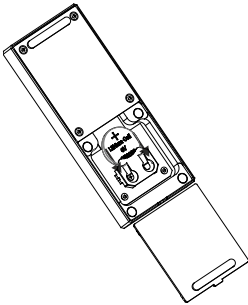
- ① Volume up
- ② Volume down
- ③ Mute – press once to mute, press again to unmute and return to the previous volume level
- ④ Next input – selects between Wi-Fi streaming audio, Bluetooth and Optical
- ⑤ Play / Pause

Basic Set-up and Operation



Fit a battery into the DRC1 remote control

1. Insert a fingernail under the small slot on the bottom edge of the remote control and lift the battery cover gently until it comes off.



2. Insert a type **CR2016** battery into the battery holder from the upper side, ensuring the flat side marked "+" faces upwards. Replace the cover.

Connections

DoDeca One has virtually no connections to be made except of course mains power and optical digital audio, in case you want to listen to your TV or digital audio source taking advantage of your DoDeca One's amazing sound quality.

Supplying power to your DoDeca One

Please check that the mains voltage in your area corresponds to the mains voltage marked on the rear panel of your DoDeca One. Make sure the power switch is set to the "OFF" position. Insert the socket of the supplied mains power cable in the mains power socket on the rear panel of your DoDeca One, then insert the mains plug into an AC mains outlet.

Switch on

Switch the mains power switch on the rear panel of your DoDeca One to the ON position. The white LED marked "O" on the rear panel and the white LED on the front grille will both

light up. In Wi-Fi mode, if your DoDeca One has already been connected to a network, the time from power-on to full operation is approximately 30 seconds. The DoDeca One is ready for operation when both white LEDs on the rear panel are glowing stably.

Important note. On powering on, the volume level defaults to the same level as the last listening session to allow for a consistent user experience. If the volume level of the last listening session was high, the volume level on the next power on will be high, including the voice messages. To avoid this, we advise you to lower the volume of your DoDeca One before powering off.

Choosing a suitable Wi-Fi router

A stable and fast internet connection is essential to fully enjoy the benefits of wireless streaming and in particular, the high resolution audio offered by DoDeca One. Your router should support the following minimum technical features:

Network standard: IEEE 802.11a/b/g/n/ac, IPv4, IPv6
Frequency band: 2.4GHz

Note: connecting your DoDeca One to a guest, office or public network: these types of network often feature additional security and/or authentication requirements which may prevent the DoDeca One from connecting. If this is your case, you may need to request the assistance of the network administrator to configure the network to allow DoDeca One full access and functionality.

Setting up a new DoDeca One

To setup a DoDeca One on a new router for the first time, please follow these steps:

1. Download and install the **4STREAM** app on your mobile device from Google Play (Android devices) or the App Store (iOS devices).



2. Connect your mobile device to the 2.4GHz Wi-Fi network you want to add your DoDeca One to. GPS (Location services) and Bluetooth must also be enabled.
3. Power on your DoDeca One and ensure that Wi-Fi is selected. The white Wi-Fi LED will flash quickly while it carries out its internal procedures. When the Wi-Fi LED starts flashing slowly and an audio tone sounds, the DoDeca One is ready to be connected to the Wi-Fi network.
4. Open the app and wait for the DoDeca One to be discovered. This should take a few seconds.
5. If the app asks to check if the Wi-Fi LED is flashing, check if the white Wi-Fi LED is flashing slowly and confirm this in the app.
6. On Android devices, the app will probably ask for permission to use GPS data and File storage: please accept both to continue.
Note: permission to use GPS is required only during setup and can be disabled from the mobile device's settings once setup is complete. Permission to access file storage is required to play local media on the mobile device.
7. Your DoDeca One should appear on the app screen after a short while, together with any other devices available for setup you may have on the Wi-Fi network.

8. The app will list all the available Wi-Fi networks: choose the network that the DoDeca One will be connected to.
9. Enter the network password when requested by the app.
10. Wait for confirmation in the app that setup is complete. A voice prompt will also sound in the DoDeca One.

Note: When you change your router, update your Wi-Fi name (SSID), or change the network's password, your DoDeca One will need to reconnect to the updated network. To do this, when the DoDeca One has completed its internal setup and the Wi-Fi LED is flashing slowly, double-click the power/input select button on the rear panel of the DoDeca One: a voice prompt will sound, advising that the DoDeca One is in setup mode, then repeat the previous points from 4 to 10, of course with your mobile device running the app connected to the updated network.

Bluetooth

1. Select the Bluetooth input from your remote control or from the rear panel of the DoDeca One by pressing the input button repeatedly until the blue Bluetooth LED lights up on the front and rear panels. Selection can also be made from the app.
2. Check your Bluetooth source device's settings and select "DoDeca One".
3. Once the connection is successfully established, the blue LED will stop blinking and will shine steadily.
4. Open your preferred music app on your bluetooth device and choose the music that will be played.
5. Press Play and adjust the volume using your Bluetooth device, the remote control or the buttons on the rear panel of the DoDeca One.
6. On selecting Bluetooth on the DoDeca One again, it should automatically re-connect to the same Bluetooth device used in the previous listening session. If this does not happen, manually select "DoDeca One" on your Bluetooth device to establish a connection.

Optical input

In order to connect your TV or digital audio source to your DoDeca One, a high quality optical cable will be required (not included). Connect one end to the optical audio output of your TV or digital audio source and the other end into the "OPTICAL IN" socket on the rear panel of your DoDeca One and select the Optical input with the input select button on the remote control, on the rear panel of the DoDeca One, or from the app. Please note that both LEDs will be off when the optical input is selected.

USB connection

This connection is for service purposes only - do not use.

Firmware update

When the DoDeca One is connected to a Wi-Fi network, the 4STREAM app will notify you if there is a firmware version upgrade available. Just follow the in-app instructions.

Basic Troubleshooting

In the event that a problem should occur, please try the troubleshooting suggestions listed below. If none of them is pertinent to your problem or solves it, or you are not sure how to proceed, please contact your dealer, local distributor or our Customer Support by sending an email to info@dodeca-audio.com and we will be pleased to help.

Problem	Suggested solution
Does not power on	<ul style="list-style-type: none">» Check that the AC power cord is connected and plugged into an active AC outlet. If it is, the on/standby LED on the rear panel should be lit white.» Check that the AC wall socket is functioning correctly by plugging in a lamp or other device to confirm its operation.
Does not show up in app or won't connect to Wi-Fi	<ul style="list-style-type: none">» Restart the speaker and/or router. this can often clear up temporary glitches and reestablish a renewed connection. To restart the DoDeca One, switch off the power and wait for 30 seconds. Switch it back on again and wait for the Wi-Fi LED to stabilise, after which, restart your router to establish a renewed connection.» Make sure your mobile device is connected to the same Wi-Fi network.» Move the DoDeca One closer to the router. A weak signal is a common cause of Wi-Fi connection issues. Try placing the DoDeca One closer to the router during setup and then moving it back once connected.
No sound at all	<ul style="list-style-type: none">» Check that the DoDeca One is not muted.» Make sure that your input source is powered on and is playing at a reasonable volume level.
The remote control does not work.	<ul style="list-style-type: none">» Check the remote control battery by removing the back cover and trying a new one. Make sure the remote control has a clear "line of sight" to the sensor on the front panel.» Check that no powerful light sources, like direct sunlight, is interfering with the sensor on the front panel.
The wireless network input stops working.	<ul style="list-style-type: none">» Check that the router is working correctly (can other devices connect normally to the network?)» Check that the network is configured correctly in the 4STREAM app.

Warranty and Service

All DoDeca products offer a 2-year warranty on parts and labour for sales in the European Union. Proof of purchase is required at the time any warranty service is sought. Warranty support for loudspeakers sold outside Italy will be supplied by the relevant local distributor. Details of international distributors can be found at:

<https://web.dodeca-audio.com/en/international>

The warranty period begins at the time of purchase and only applies to the purchaser. Warranty claims will only be accepted if accompanied by the original packaging. The warranty does not cover damage incurred in transit or caused by improper use. The warranty is not extended if parts are exchanged within the period covered by the warranty. This applies to all loudspeakers purchased from an authorised DoDeca dealer. In the event of damage please contact your dealer or our Service department at:

info@dodeca-audio.com

Specifications

Description	DoDeca One Wireless all-in-one speaker
Cabinet type	Dodecahedron-shaped bass-reflex cabinet
Audio sources	Wi-Fi Bluetooth Optical S/PDIF
Wireless connectivity	Wi-Fi: IEEE802.11 b/g/n 2.4GHz
	Bluetooth: 5.0
Wi-Fi streaming services	Spotify, Qobuz, Tidal, Deezer, DLNA/UPnP
NAS support	DLNA/uPnP
Audio amplifiers	Four individual 120W class D power amplifiers
Drive units	1 x coaxial driver: Mid-low frequencies: Ø 4" mid-woofer High frequencies: Ø 1" soft fabric dome tweeter 2 x Ø 4.5" subwoofer 1 x Ø 1" soft fabric dome tweeter
Frequency response (-3dB)	48 Hz – 30 kHz
Power supply	200-240 VAC 50/60 Hz or 100-120 VAC 50/60 Hz
Dimensions	Height: 32.6 cm (12.84") Width: 38.0 cm (14.96") Depth: 39.9 cm (15.71")
Weight	12.5 kg (27.6 lbs)



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