

ENCHANT SPEAKER



OWNER'S MANUAL

harman/kardon
by HARMAN

IMPORTANT SAFETY INSTRUCTIONS

Verify Line Voltage Before Use

The ENCHANT SPEAKER has been designed for use with 100-240 volt, 50/60 Hz AC current. Connection to a line voltage other than that for which your product is intended can create a safety and fire hazard and may damage the unit. If you have any questions about the voltage requirements for your specific model or about the line voltage in your area, contact your selling dealer before plugging the unit into a wall outlet.

Do Not Use Extension Cords

To avoid safety hazards, use only the power cord supplied with your unit. We do not recommend that extension cords be used with this product. As with all electrical devices, do not run power cords under rugs or carpets, or place heavy objects on them. Damaged power cords should be replaced immediately by an authorized service center with a cord that meets factory specifications.

Handle the AC Power Cord Gently

When disconnecting the power cord from an AC outlet, always pull the plug; never pull the cord. If you do not intend to use your speaker for any considerable length of time, disconnect the plug from the AC outlet.

Do Not Open the Cabinet

There are no user-serviceable components inside this product. Opening the cabinet may present a shock hazard, and any modification to the product will void your warranty. If water accidentally falls inside the unit, disconnect it from the AC power source immediately, and consult an authorized service center.

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1 INTRODUCTION

This manual includes information of the Enchant Speaker. We encourage you to take a few minutes to read this manual, which describes the products and includes step-by-step instructions to help you set up and get started. Read and understand all the safety instructions before using your product.

This product may have an important software update available. Please follow the instructions to connect the product to Wi-Fi to ensure that your product has the most recent software updates.

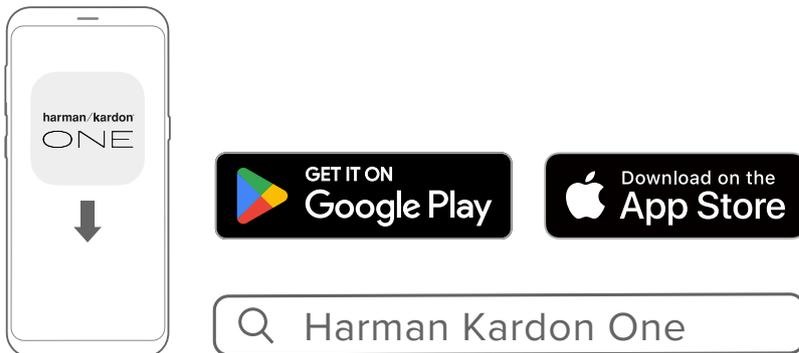
Design and specifications are subject to change without notice. Some features require subscriptions or services not available in all countries.

If you have any questions about this product, its installation or its operation, please contact your Harman Kardon retailer or customer service, or visit us at www.harmankardon.com.

Harman Kardon One app

With the Harman Kardon One app, you can

- easily connect the speaker to your Wi-Fi network;
- access software updates when they are available;
- connect *music streaming services;
- enjoy Dolby Atmos® Music from *music steaming services;
- personalize audio settings;
- access additional features.



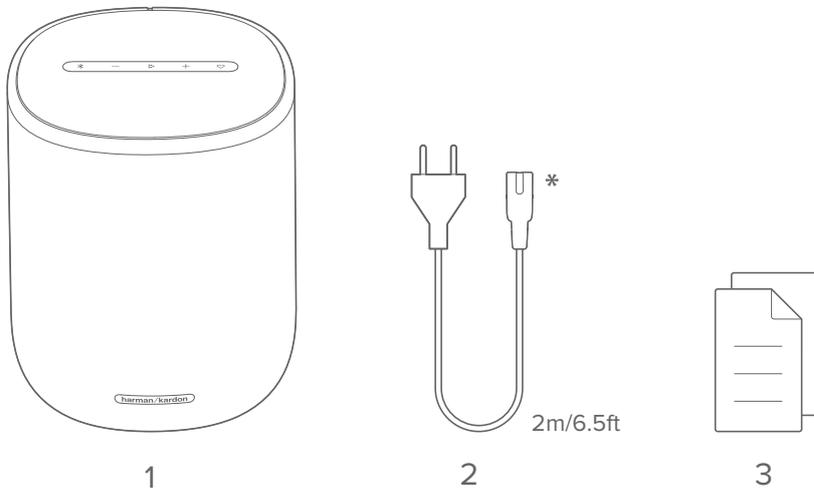
For more information, see [“5.1 Connection to your home network”](#) and [“6.1 Play over your home network”](#).

NOTES:

- *Subscription may be needed and not provided by the Harman Kardon One app.
- App screens may vary due to software updates. Always follow the app instructions.

2 WHAT'S IN THE BOX

Carefully unpack the box and check if the following parts are included. If any part is damaged, do not use it, contact your Harman Kardon retailer or customer service.

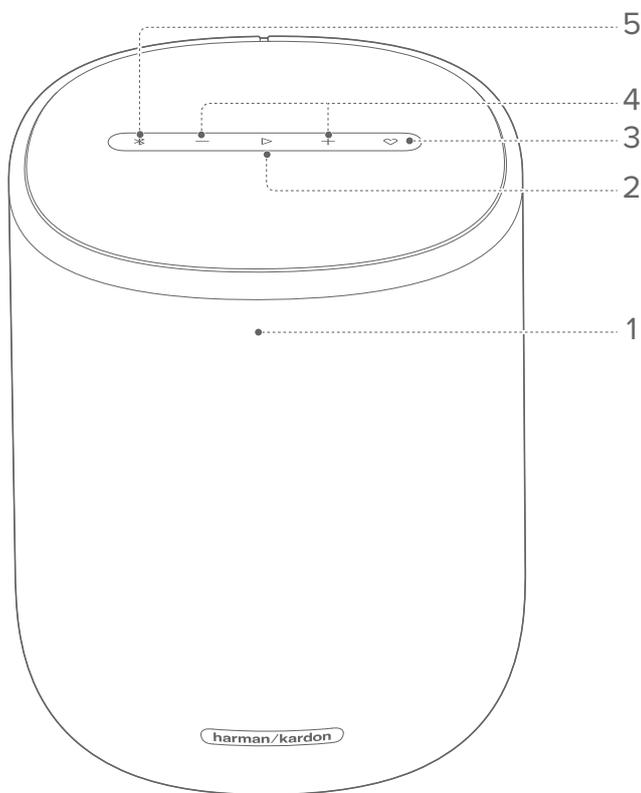


1. Speaker
2. Power cable*
3. Product information

*Power cable quantity and plug type vary by regions.

3 PRODUCT OVERVIEW

3.1 Top & Front



1. Status indicator

System:		
	Regular pulsing (white)	System startup
	Fast pulsing (white)	Software updating in progress
	Solid (amber)	Restoring factory settings
Network connection:		
	Slow pulsing (white)	Entering Wi-Fi setup mode, or network disconnected
	Solid (green)	Speaker discovered by the Harman Kardon One app

	Solid (white)	Network connected
	Solid (yellow)	Weak Wi-Fi connection
Bluetooth:		
	Regular pulsing (blue)	Entering Bluetooth pairing mode
	Solid (blue)	Bluetooth connected
Volume:		
	Solid (amber)	Muted
	Solid (green)	Unmuted
	Fast flashing twice (white)	Maximum / minimum volume reached
	Regular flashing (white)	Adjusting the volume

2.  (Playback controls during music streaming over Harman Kardon One app, Google Cast™, AirPlay, Spotify Connect, or Bluetooth)

- Press once to play or pause playback.
- Press twice to play the next track.
- Press three times to play the previous track.

3.  (Moment)

- Press to directly access your music playlist and speaker settings that you have personalized in the Harman Kardon One app.

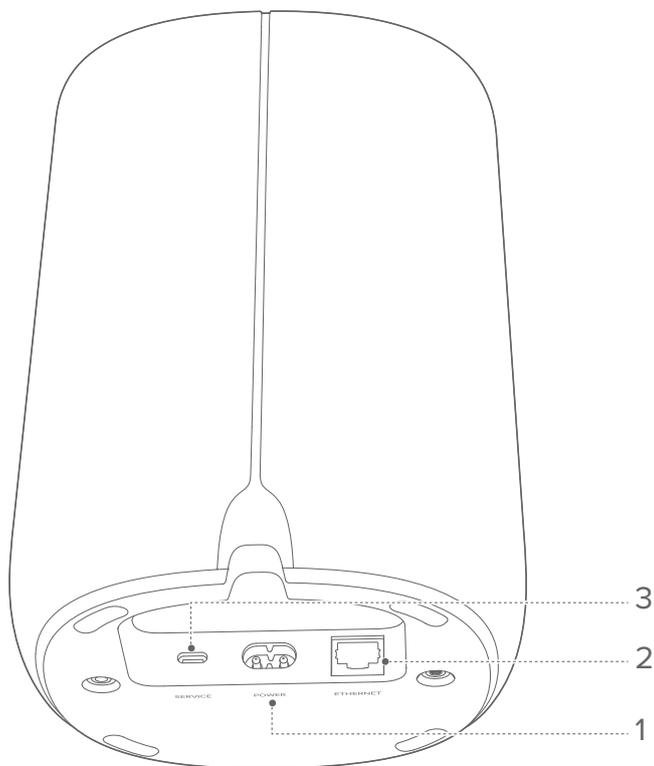
4.  (Volume)

- Decrease or increase the volume.
- Hold to decrease or increase the volume continuously.
- Press together to mute or unmute.

5. 

- Press to enter Bluetooth pairing mode.

3.2 Bottom



1. POWER

- Connect to power (with the supplied power cord).

2. ETHERNET

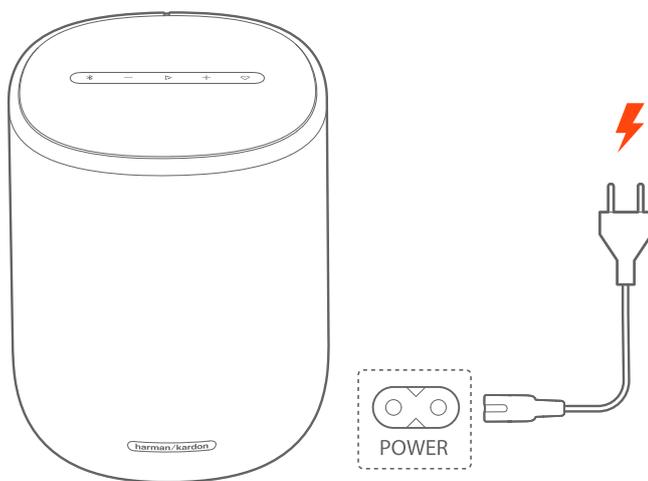
- Connect to your home network through an Ethernet cable.

3. SERVICE

- USB connector for software update (for service only).

4 POWER ON

4.1 Connect power



Connect the speaker to power by using the supplied power cord.

→ The speaker switches on automatically.

NOTE:

- Use the supplied power cord only.

4.2 Auto standby

If the speaker is inactive for more than 10 minutes, it will switch to standby mode automatically.

4.3 Auto wakeup

In standby mode, the speaker will wake up automatically when

- you press any button on the speaker;
- the speaker is connected to your home network and you control the setup and playback on the speaker through the Harman Kardon One app;
- the speaker is connected to your home network and audio is streamed to the speaker through Google Cast, AirPlay, or other services that you have enabled in the Harman Kardon One app.

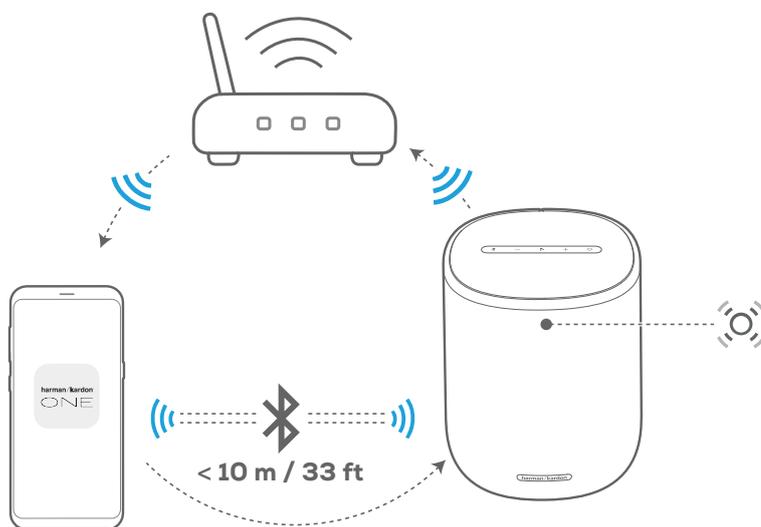
5 CONNECT

5.1 Connection to your home network

Using Wi-Fi or an Ethernet cable, connect the speaker to your network. With the Harman Kardon One app and the supported streaming services (Google Cast, AirPlay and Spotify Connect), the speaker allows you to stream music from smartphones or tablets.

5.1.1 Wi-Fi connection with your home network

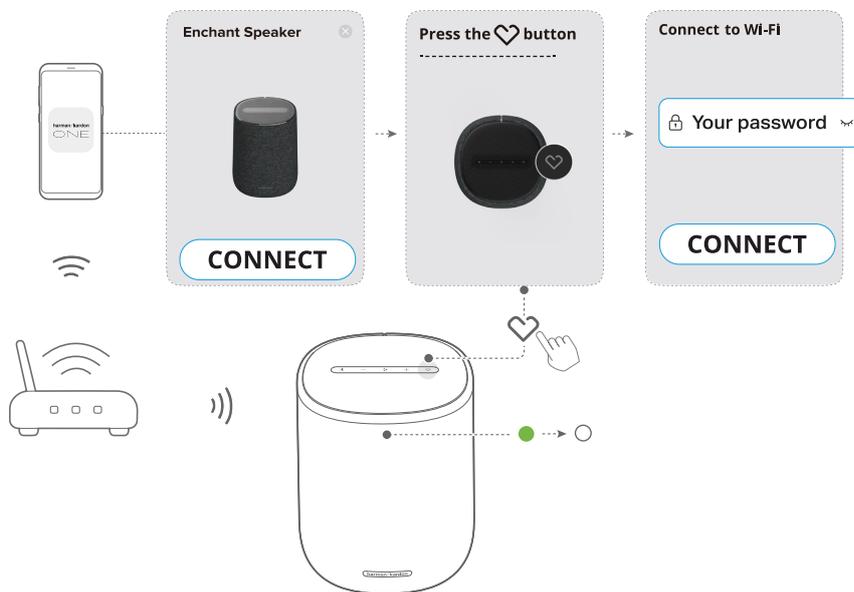
- 1) On the speaker, enter the Wi-Fi setup mode:
 - Connect the speaker to power.
 -  (Slow pulsing white): The speaker enters Wi-Fi setup mode.



Harman Kardon One

- 2) Connect your Android™ or iOS device to your home Wi-Fi network. Download the Harman Kardon One app.

- 3) Launch the Harman Kardon One app. Follow the app instructions to complete setup.



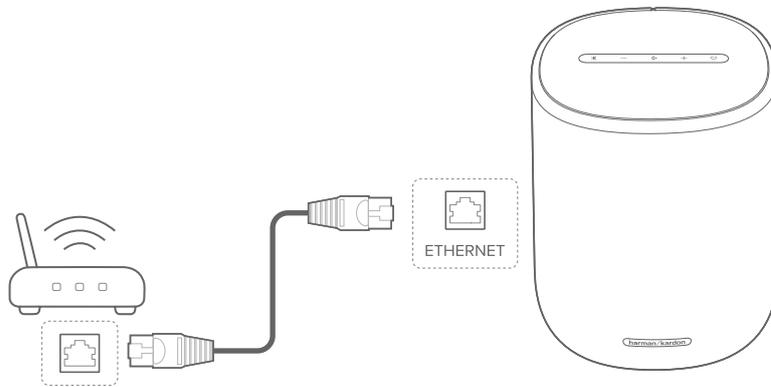
- ● (Solid green): The speaker is discovered by the Harman Kardon One app.
- ○ (Solid white): The speaker is connected to your home network.
- You can stream music from the Harman Kardon One app or the streaming service you have enabled in the Harman Kardon One app (See [“6.1 Play over your home network”](#)).

NOTES:

- Make sure that your speaker is connected to the same Wi-Fi network as your Android or iOS device.
- If your speaker is not discovered by the Harman Kardon One app, hold  and  together for more than 10 seconds to re-enter the Wi-Fi setup mode.

5.1.2 Wired connection with your home network through an Ethernet cable (Optional)

- 1) Use an Ethernet cable (not supplied) to connect the speaker to your home network.



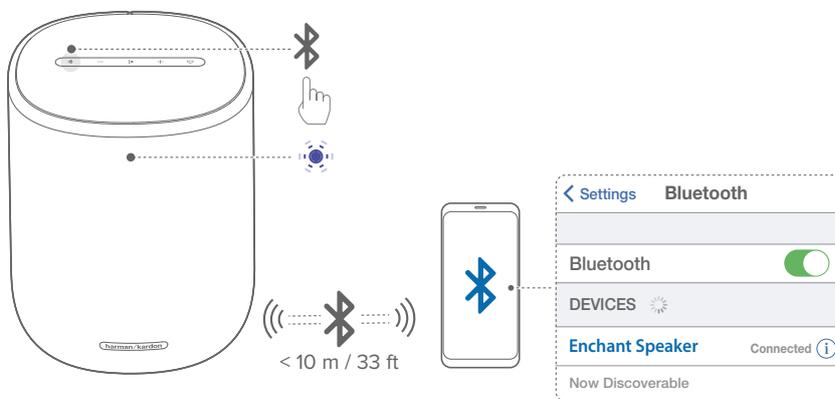
- 2) On your Android or iOS device, download and launch the Harman Kardon One app for music streaming.

NOTES:

- On your Android or iOS device, you can rename the speaker in the Harman Kardon One app.
- On your iOS device, add the speaker to the Apple Home app and manage it together with other AirPlay-compatible speakers.
- On your iOS device, if the speaker has been added to your home network, you can start AirPlay streaming from an AirPlay-compatible app (See [“6.1.2 Play through AirPlay”](#)).
- Availability of online music streaming services varies by country.
- Some features require subscriptions or services not available in all countries.

5.2 Bluetooth connection

Through Bluetooth, connect the speaker with your Bluetooth device, such as a smartphone, tablet and laptop.



5.2.1 Connect a Bluetooth device

- 1) To select Bluetooth source, press
 - (Regular pulsing blue): Ready for Bluetooth pairing
- 2) On your Bluetooth device, enable Bluetooth and search for “**Enchant Speaker**” within three minutes.
 - (Solid blue): Successful connection

5.2.2 Reconnect the last paired device

Your Bluetooth device is retained as a paired device when the speaker goes to standby mode. Next time you switch to the Bluetooth source, the speaker reconnects the last active device automatically.

5.2.3 Connect to another Bluetooth device

- 1) In the Bluetooth source, press .
- 2) Follow Step 2 under [“5.2.1 Connect a Bluetooth device”](#).

NOTES:

- This speaker supports multi-point connection. You can pair a second Bluetooth device without disconnecting the first one.
- The Bluetooth connection will be lost if the distance between the speaker and Bluetooth device exceeds 33 ft (10 m).
- Electronic devices may cause radio interference. Devices that generate electromagnetic waves must be kept away from the speaker, such as microwaves and wireless LAN devices.

6 PLAY

NOTES:

- The speaker can support audio streaming, but not video streaming.
- During music streaming through Google Cast, AirPlay, Bluetooth, or other streaming services enabled in the Harman Kardon One app, music playback will pause on the currently connected device when you start music playback on a second connected device.
- When the speaker switches between your home Wi-Fi and wired network during AirPlay, music playback will pause and resume in a few minutes, depending on the broadband bandwidth conditions. For the connection to your home wired network, see [“5.1 Connection to your home network”](#).

6.1 Play over your home network

Before you start, make sure that:

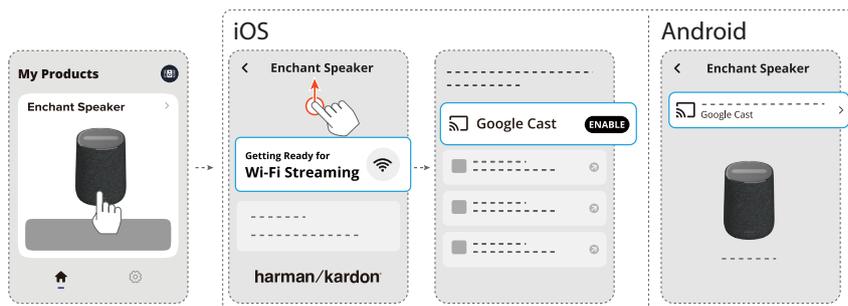
- your Android or iOS device is connected to the same Wi-Fi network as your speaker (See [“5.1 Connection to your home network”](#)).

6.1.1 Play with Google Cast

With Google Cast, stream audio on your Android or iOS device to the speaker.

On your Android or iOS device,

- 1) Launch the Harman Kardon One app, and check that you have enabled Google Cast.



- 2) On a Google Cast-enabled app, play music, tap the cast icon  and select the connected speaker.

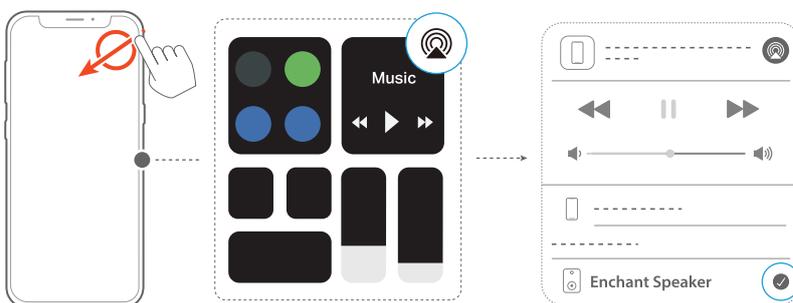


6.1.2 Play through AirPlay

Through AirPlay, stream music on your iOS device to the speaker.

On your iOS device,

- 1) Swipe down from the upper right corner to enter the Control Center.
- 2) Tap  to select the connected speaker and then start audio streaming from an app.

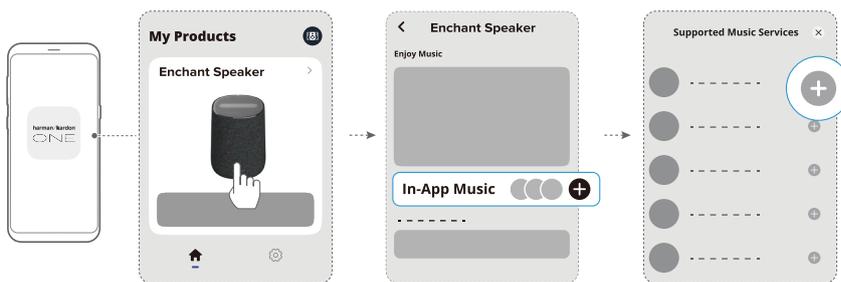


6.1.3 Play through Harman Kardon One app

Through the Harman Kardon One app, stream audio from enabled music services to the speaker.

On your Android or iOS device,

- Launch the Harman Kardon One app, browse the available *music streaming services to select music, and then start music streaming to the connected speaker.



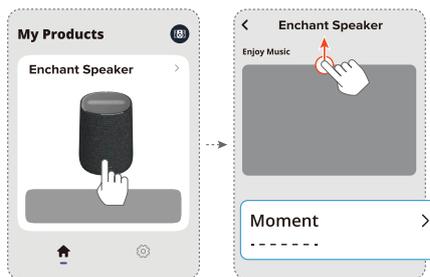
NOTE:

- *Subscription may be needed and not provided by the Harman Kardon One app.

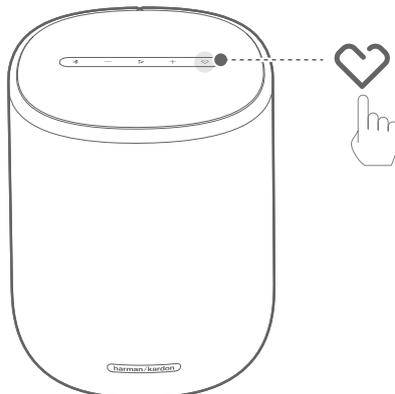
6.1.4 Access your presets with the ♥ (Moment) button

By pressing ♥ on the speaker, you can access the playlist and speaker settings that you have preset on the Harman Kardon One app.

- 1) On the Harman Kardon One app,
 - Personalize the ♥ (Moment) feature.



- 2) On the speaker,
 - Press ♥ to access the personalized playlist and speaker settings.



6.1.5 Play Dolby Atmos Music

The Harman Kardon One app supports Dolby Atmos spatial sound. When playing Dolby audio content during Wi-Fi streaming, the Dolby Atmos effect is automatically applied for a superior 3D sound experience.

NOTE:

- To enjoy Dolby Atmos Music on TIDAL, a TIDAL HiFi Plus subscription is required.

6.1.6 Multi-room Playback

With the multi-room playback, you can stream music on your Android or iOS device to multiple Google Cast / AirPlay-enabled speakers.

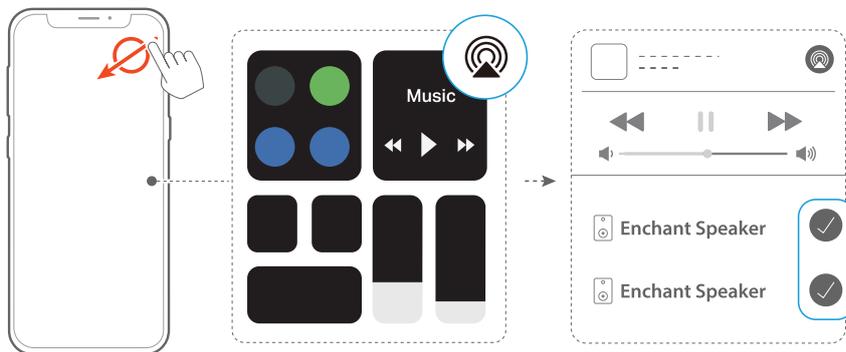
Google Cast

- 1) Through the Google Home app, connect multiple Google Cast-enabled speakers to the same network, assign them to multiple rooms, and create groups as needed.
- 2) Run the Google Cast-enabled app on your smartphone or tablet.
- 3) Play music. Press the  icon and select the grouped speakers.

NOTES:

- To create a multi-room speaker group in the Google Home app, make sure that you have connected all the speakers to the same home network and have used the same Google login account. Refer to the Google Home app for more details.
- Depending on the bandwidth of your local network, you can stream music to up to 6 Google Cast-enabled speakers.

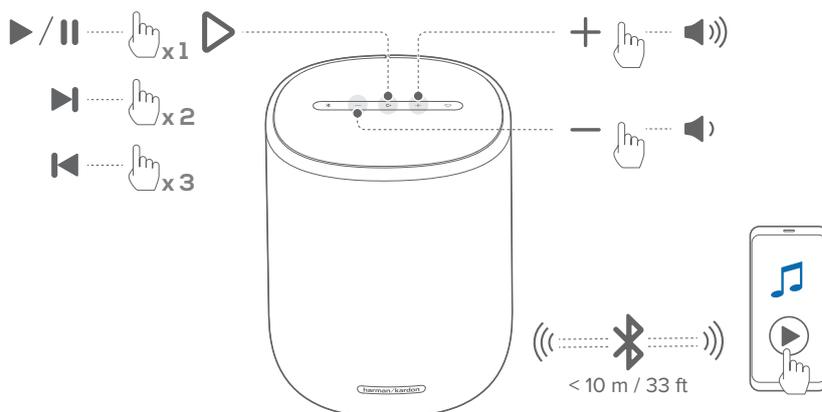
AirPlay



- 1) On an iOS device, enter the Control Center.
- 2) Tap  to select multiple connected speakers as needed.
- 3) Start music streaming from an app.

6.2 Play from the Bluetooth source

Through Bluetooth, stream audio playback on your Bluetooth device to the speaker.



- 1) Check that the speaker has been properly connected to your Bluetooth device (See [“5.2.1 Connect a Bluetooth device”](#)).
- 2) To select the Bluetooth source, press .

- 3) Start audio play on your Bluetooth device.
 - Alternatively, press ▶ on the speaker to control playback.
- 4) Adjust the volume on the speaker or your Bluetooth device.

NOTE:

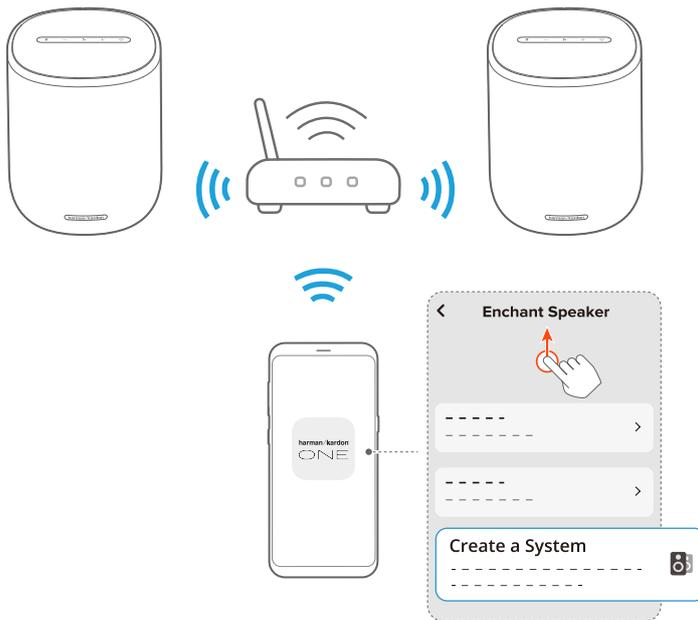
- Music streaming through Bluetooth will pause when you start music streaming through Wi-Fi.

7 SPEAKER GROUPING (OPTIONAL)

Through the Harman Kardon One app, you can create a stereo pair by connecting the speaker with another speaker of the same model (sold separately).

To create a stereo pair through the Harman Kardon One app:

- When two Enchant speakers of the same model are connected to the same network, follow the app instructions to group two speakers as a stereo pair.



→ When the stereo group is created successfully, you can control playback on the group.

NOTES:

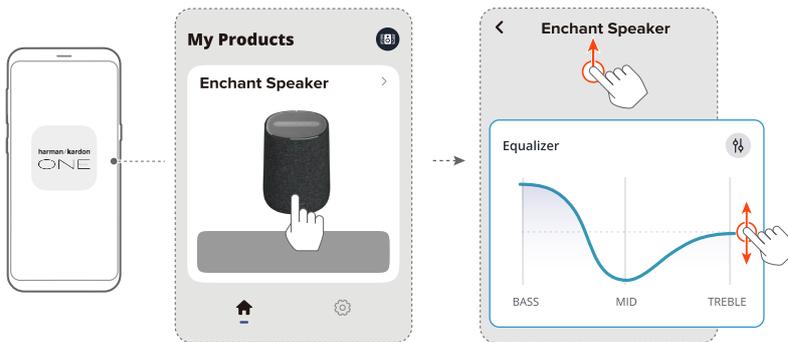
- If only one of the speakers is switched on after grouping, you can still enjoy music on the single speaker.
- In the Harman Kardon One app, you can rename the stereo group or unpair the two speakers.

8 SETTINGS

8.1 Sound settings

8.1.1 Tone controls

With the Harman Kardon One app, you can adjust the Equalizer (EQ) settings to customize the sound.



8.1.2 Self-tuning

To optimize your sound experience for your unique listening environment, the speaker starts self-tuning automatically each time you connect the speaker to power and start music playback on the speaker. The self-tuning takes three minutes. If music playback stops before self-tuning is complete, the self-tuning will resume when you start music playback again.

NOTE:

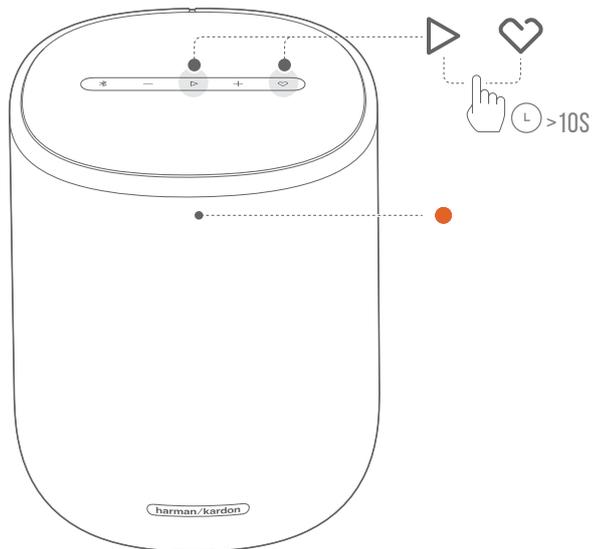
- During self-tuning, environmental sound will be recorded. Press **+** and **♥** together for 5 seconds, then press **▶** to play the recorded audio (for US version only).

8.2 Software upgrade

The software of your Enchant speaker will be automatically upgraded to the latest version when the speaker is connected to the Internet via your home network.

8.3 Restore factory settings

On the speaker, hold  and  together for more than 10 seconds to restore the default settings programmed at the factory. When the factory reset is complete, the speaker will automatically power off and restart.



9 SPECIFICATIONS

General Specification

- Model: Enchant Speaker
- Power supply: 100 – 240 V AC, ~ 50/60 Hz
- Total speaker power output (RMS @ THD 1%): 90 W
- Transducer: 1x 25 mm tweeter, 1x 92 mm woofer, 2x 50 mm full-range drivers
- Networked standby power: < 2.0 W
- Operating temperature: 0 °C – 45 °C

Audio Specification

- Frequency response: 55 Hz – 20 kHz (-6 dB)

Wireless specification

- Bluetooth version: 5.3
- Bluetooth profile: A2DP 1.3.2, AVRCP 1.5
- Bluetooth transmitter frequency range: 2400 MHz – 2483.5 MHz
- Bluetooth transmitter power: < 13 dBm (EIRP)
- Wi-Fi network: IEEE 802.11 a/b/g/n/ac/ax (2.4GHz/5GHz)
- 2.4G Wi-Fi transmitter frequency range: 2412 – 2472 MHz (2.4 GHz ISM Band, USA 11 Channels, Europe and others 13 Channels)
- 2.4G Wi-Fi transmitter power: < 20 dBm (EIRP)
- 5G Wi-Fi transmitter frequency range: 5.15 – 5.35 GHz, 5.470 – 5.725 GHz, 5.725 – 5.825 GHz
- 5G Wi-Fi transmitter power: 5.15 – 5.25 GHz < 23 dBm, 5.25 – 5.35 GHz < 20 dBm, 5.470 – 5.725 GHz < 20 dBm, 5.725 – 5.825 GHz < 14 dBm

Note: Band 5.6 - 5.64 GHz will be disabled when shipped to Australia / New Zealand.

Dimensions

- Dimensions (W x H x D):
163 x 205 x 163 mm / 6.4" x 8.0" x 6.4"
- Weight: 2.16 kg / 4.76 lbs
- Packaging dimensions (W x H X D):
212 x 318 x 212 mm / 8.35" x 12.52" x 8.35"
- Packaging weight: 3.05 kg / 6.72 lbs

10 TROUBLESHOOTING

Never try to repair the product yourself. If you have problems using this product, check the following points before you request services.

System

The unit will not turn on.

- Check if the power cord is plugged into power and the speaker.

The speaker has no response to button presses.

- Restore the speaker to factory settings (See [“8.3 Restore factory settings”](#)).

Sound

No sound from speaker

- Make sure that the speaker is not muted.
- Restore the speaker to factory settings (See [“8.3 Restore factory settings”](#)).

Bluetooth

A device cannot be connected with the speaker.

- Check if you have enabled Bluetooth on the device.
- If the speaker has been paired with another Bluetooth device, re-enter the Bluetooth pairing mode (see [“5.2.3 Connect to another Bluetooth device”](#)).

Poor audio quality from a connected Bluetooth device

- The Bluetooth reception is poor. Move the source device closer to the speaker, or remove any obstacle between the source device and the speaker.

Wi-Fi

Failed to connect to Wi-Fi.

- Make sure that Wi-Fi is turned on.
- Make sure that you have selected the right network and entered the correct password.
- Make sure that your router or modem is turned on and within the range.
- In your router settings, make sure that you have set the security type to WPA2 or auto.
- Make sure that your speaker is connected to the same wireless LAN as your smartphone or tablet.
- If you have difficulties in setting up Wi-Fi, hold  and  together for more than 10 seconds until the status indicator slowly pulses white.

Playback

AirPlay cannot find the speaker as an AirPlay speaker for music streaming.

- On your Apple device, update the software to the latest version: iOS 13.4 and later, macOS 10.15.4 and later, or tvOS 14.3.
- Make sure that your Apple device has been connected to the same network as the speaker.
- For a PC running iTunes for Windows, you can stream music from your PC to the speaker through Bluetooth.

Music playback does not work smoothly when the sound source switches from Bluetooth to Google Cast or AirPlay.

- The quality of audio casting and playback are dependent on the traffic and coverage of the network that connects the speaker and your casting devices, such as phones, tablets and PCs.

11 TRADEMARKS



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Google Assistant is not available in certain languages and countries. Availability and performance of certain features, services, and applications are device and network dependent and may not be available in all areas.



Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Apple, and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

To use AirPlay with Harman Kardon Enchant Speaker, the latest version of iOS, iPadOS, or macOS is recommended.



Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how.

The Spotify Software is subject to third party licenses found here: <https://www.spotify.com/connect/third-party-licenses>.

12 OPEN SOURCE LICENSE NOTICE

This product contains open source software licensed under GPL. For your convenience, the source code and relevant build instruction are also available at

https://harman-webpages.s3.amazonaws.com/Harman_One_OS_package_license_list.htm

Please feel free to contact us at:

Harman Deutschland GmbH

ATT: Open Source, Gregor Krapf-Gunther, Parkring 3

85748 Garching bei Munchen, Germany

or OpenSourceSupport@Harman.com if you have additional question regarding the open source software in the product.

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