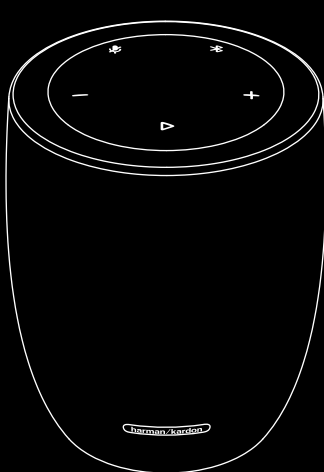


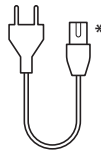
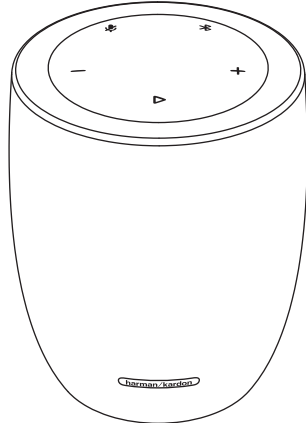
QUICK START GUIDE

harman/kardon
by HARMAN

VIRTUO



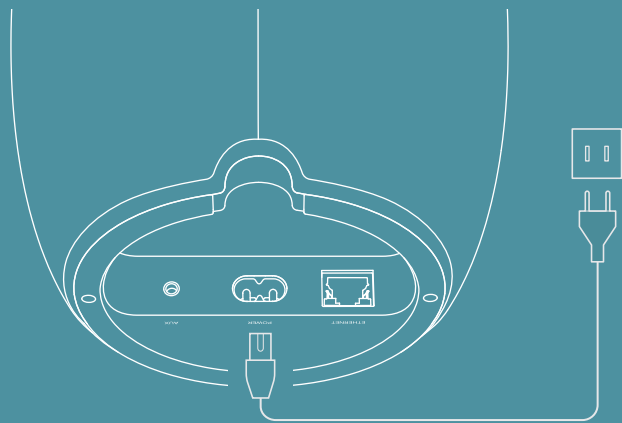
WHAT'S IN THE BOX



*Power cord quantity and plug type vary by regions.

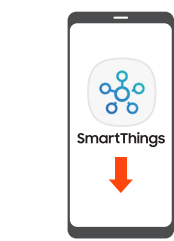


POWER ON/OFF



APP

Download the Samsung SmartThings app. Connect your Android™ or iOS device to the Wi-Fi network and follow app instructions to complete speaker setup.



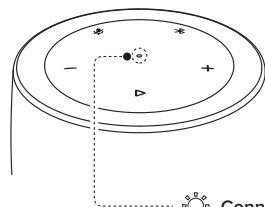
SmartThings



GET IT ON
Google Play



Download on the
App Store

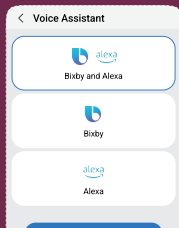
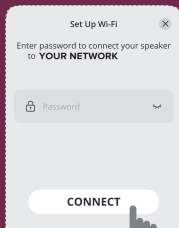
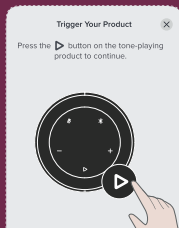
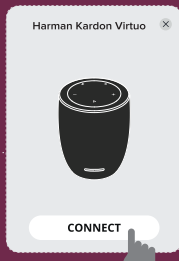


Connecting

Connected



SET UP VOICE ASSISTANTS



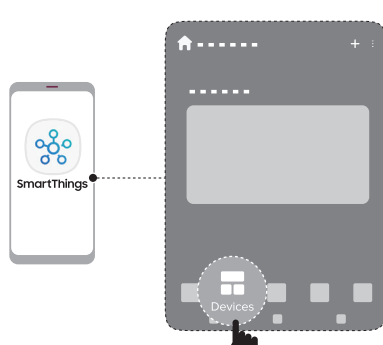
MUSIC STREAMING

Enable streaming services for the speaker in the SmartThings app.



WORKS AS A HUB OF SMARTTHINGS

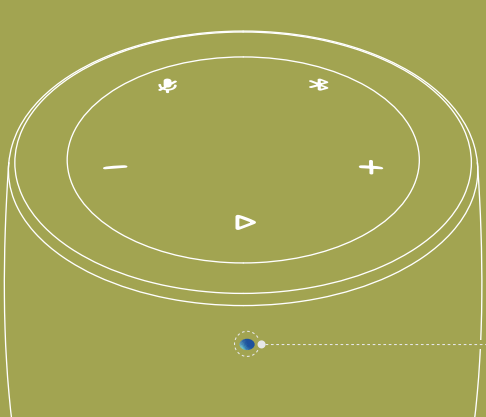
With the SmartThings app, add the supported smart home devices. You can control the smart home devices through the speaker. For more information, see the SmartThings app.



VOICE CONTROL



You can get hands-free help by talking to the voice assistant.

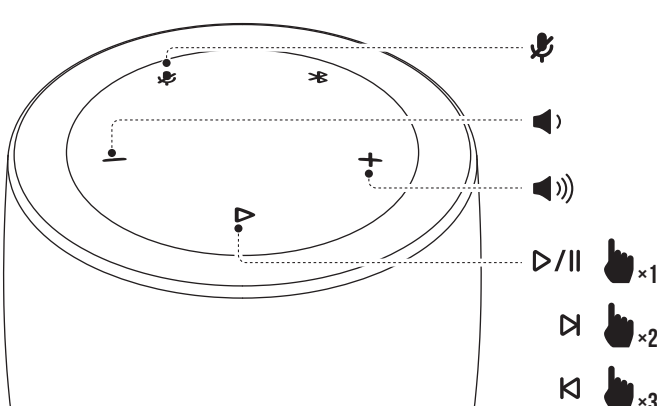


Voice assistant LED



BUTTON CONTROL

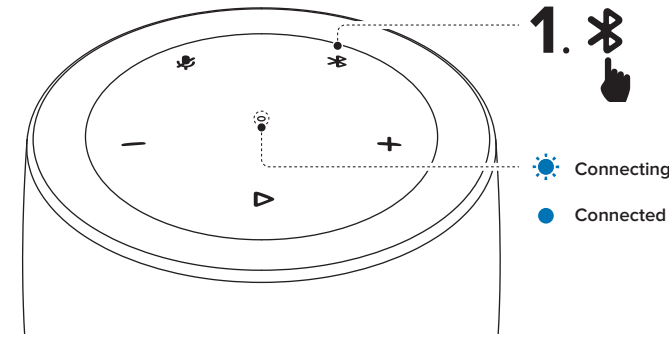
Mute the microphone to stop the voice assistant from listening.





BLUETOOTH PAIRING

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



2. SETTINGS Bluetooth

3. DEVICES HK VIRTUO Connected



TECH SPEC

• Transducer:	53 x 93mm woofer, 20mm tweeter
• Rated output power:	30W RMS for woofer, 10W RMS for tweeter
• Frequency response:	60Hz - 20kHz
• Signal-to-noise ratio:	> 80dB
• Music play time:	up to 20hours (dependent on volume level and audio content)
• USB ports:	USB Type A x1, USB Type C x1
• Bluetooth version:	5.3
• Bluetooth profile:	AVRCP 1.5 and A2DP1.3
• Bluetooth transmitter frequency range:	2.4GHz-2.4835GHz
• Bluetooth transmitter power:	<13dBm (EIRP)
• Bluetooth transmitter modulation:	GFSK, π/4-DQPSK, 8DPSK
• 5G Wi-Fi transmitter frequency range:	5.15-5.35GHz, 5.470-5.725GHz, 5.725-5.825GHz
• 5G Wi-Fi transmitter power:	<23dBm
• 5G Wi-Fi modulation:	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
• 5G Wi-Fi network compatibility:	802.11a/n/ac/ax
• 2.4G Wi-Fi transmitter frequency range:	2.4GHz-2.4835GHz
• 2.4G Wi-Fi transmitter power:	<20dBm
• 2.4G Wi-Fi modulation:	DSSS (DBPSK, DQPSK, CCK), OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
• 2.4G Wi-Fi network compatibility:	802.11b/g/n
• Product dimensions (W x H x D):	223 x 97 x 94mm/8.8 x 3.8 x 3.7"
• Net weight:	1.0kg/2.2lbs
• Packaging dimensions (W x H x D):	257 x 131 x 120mm/10.1 x 5.2 x 4.7"
• Gross weight:	1.7kg/3.7lbs
• Maximum operation temperature:	45°C

FR WHAT'S IN THE BOX

*Power cord quantity and plug type vary by regions.

POWER ON/OFF

APP

Connecting | Connected
Download the Samsung SmartThings app. Connect your Android™ or iOS device to the Wi-Fi network and follow app instructions to complete speaker setup.

SET UP VOICE ASSISTANTS

MUSIC STREAMING

Enable streaming services for the speaker in the SmartThings app.

WORKS AS A HUB OF SMARTTHINGS

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VOICE CONTROL

You can get hands-free help by talking to the voice assistant.
Voice assistant LED

BUTTON CONTROL

🔇 Mute the microphone to stop the voice assistant from listening.

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ES

WHAT'S IN THE BOX

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KO

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- Maximum operation temperature: 45°C

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-3 (B) / NMB-3 (B).

IC Caution:

User should also be advised that:

- (i) the device for operation in the band 5150 - 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the bands 5250 - 5350 MHz and 5470 - 5725 MHz shall comply with the e.i.r.p. limit; and
- (iii) the maximum antenna gain permitted for devices in the band 5725 - 5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
- (iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250 - 5350 MHz and 5650 - 5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Les utilisateurs devraient aussi être avisés que

- (i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes bandes;
- (ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;
- (iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas. De plus, les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. No configuration controls are provided for this wireless equipment allowing any change in the frequency of operations outside the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

FCC/IC Radiation Exposure Statement: This equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. / Cet équipement est conforme aux limites d'exposition aux radiations FCC/ IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

해당무선설비는전파혼신가능성이있으므로인명안전과관련된서비스는할수없음

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Please feel free to contact us at:

Harman Deutschland GmbH

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

85748 Garching bei Munchen, Germany

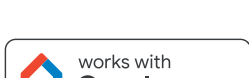
or_OpenSourceSupport@Harman.com_if you have additional question regarding the open source software in the product.



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Google, Android, Chromecast built-in are trademarks of Google LLC. Google Assistant is not available in certain languages or countries.

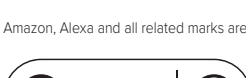


Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple, and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries.

To control this AirPlay 2-enabled speaker, iOS 11.4 or later is required



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