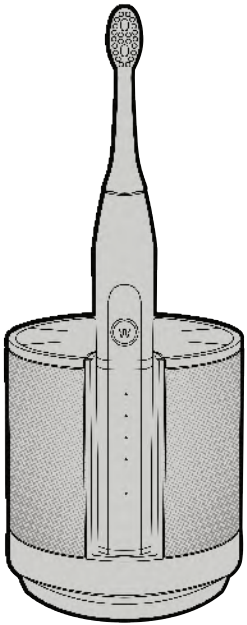
WAVEE

Toothbrush Speaker System



Get Started Guide

Model: W1BTS

Bluetooth™

amazon alexa

Introduction

Thank you for purchasing the W-1, the world's first electric toothbrush speaker system with Alexa enabled!

The W-1 works double duty in the bathroom through a seamless integration of two devices that perform important functions within a person's daily routine. The electric toothbrush is built with leading technology to provide effective teeth cleaning through a powerful 4-speed motor and sonic wave brush head. The accompanying water-resistant bluetooth speaker delivers full and rich-sounding audio, allowing users to consume their favorite audio content and more - while getting ready in the bathroom.

With Amazon Alexa, your personal virtual assistant, use your voice to initiate your music player, create a to-do list, set an alarm, stream a podcast, play audiobooks, report on the weather, traffic, sports and news.

We advise you to read and keep the following instructions in order to correctly setup your new device and enjoy all of its features to the fullest.

The Wavee Team

Important Safeguards

When using electrical products, basic safety precautions should always be followed. You can reduce your risk of injury by following these guidelines. Please read (and save) all instructions before using your W-1.

WARNINGS/CAUTIONS
To reduce the risk of burns, electrocution, fire or injury:
1. Do NOT drop, hit or shake the device.
2. Do NOT place heavy objects on top of the speaker.
3. Do NOT expose the speaker or toothbrush to sources of excessive of heat, or direct sunlight for prolonged periods of time.
4. Never submerge the speaker in water or other liquid. Do not use the speaker or charger if it has.
5. Do not expose speaker to water while using the charging cable
6. Never touch the power plug with wet hands.
7. Only use brush heads specified by the manufacturer.
8. Unplug the speaker during lightning storms or when unused for long, extended periods of time.
9. Discontinue use if the toothbrush, charging cable or speaker appears damaged in any way (brush head, handle, speaker, charger), does not operate normally, or has been dropped. Do NOT disassemble, repair or modify the speaker or toothbrush.
10. When using external adapter, the output voltage/current of the external adapter should not exceed 5V/3A.
11. Never drop or insert any object into the charging cradle
12. Keep out of reach of children.
13. When disposing of the product, carefully hand over to an officially designated recycling center for environmental protection.
14. If your toothpaste includes peroxide, baking soda or other bicarbonate (common in whitening toothpastes), be sure to thoroughly rinse the brush head and handle to avoid chemical damage to the plastic.
15. Clean the product with water. Do NOT use cleaning products that contain benzene, solvents or alcohol.
16. To prolong battery lifespan, fully charge at least once every 3 months. Battery life will vary due to usage patterns and environmental conditions.

MEDICAL WARNING

1. If you have a pacemaker or other implanted device, consult your physician prior to using your W-1.

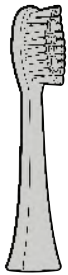
2. Consult your physician prior to using your W-1 if you have any medical concerns.

3. Consult your dental professional before you use your W-1 if you have had oral or gum surgery in the previous six months.

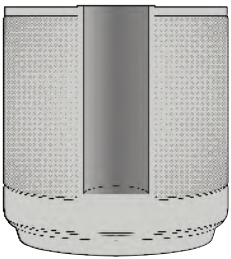
4. This product is designed to clean your teeth, gums and tongue only. Discontinue use of this product and contact a physician/dentist if discomfort or pain occurs.

Package Contents

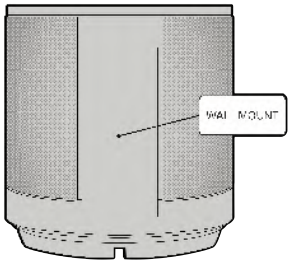
Toothbrush Handle



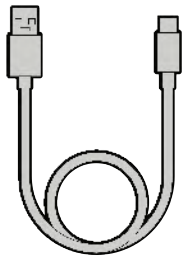
Toothbrush Head



Bluetooth Speaker



Detachable Wall Mount Plate



USB-C Charging Cable

Charging the Toothbrush & Speaker

To charge the toothbrush, place it inside the speaker's charging cradle while connected to a power source. The brush is in the correct position when the toothbrush's bristles are pointing towards you.

When the toothbrush's battery is low the battery status light will flash 3 times, indicating that it needs to be charged. While charging, the battery status LED will flash red. When charging is complete, the battery status LED will change to a constant white. It typically takes 24 hours for a drained battery to fully recharge.

Note: The toothbrush cannot be powered on while it is charging.

To charge the speaker, connect it to a power source using the provided USB-C charging cable. You can use the provided power adaptor or any USB-compatible input that provides USB power. When the speaker's battery is low, its LED light will flash red for 10 seconds every 3 minutes.

When first connected to a power source, the speaker's LED light will flash white for 10 seconds to indicate charging. It typically takes 3 hours for a fully drained battery to recharge. The speaker's LED light will illuminate white for 10 seconds when charging is complete.

It is possible to charge the toothbrush while using the speaker wirelessly. Please note, charging time and effectiveness will vary based on the battery level of the speaker and whether it is in use.

Toothbrush Overview

Toothbrush Head ----------

Toothbrush Handle ----------

Power Button /
Brushing Mode ----------
Selector

Battery Status Light ----------

---------- Clean Brushing Mode
---------- White Brushing Mode
---------- Sensitive Brushing Mode
---------- Face Clean Mode (Requires Atthachment)

Brushing

1. Assembly

Mount the included brush head on top of the toothbrush handle's metal shaft with the bristles facing forward. Apply gentle pressure downwards until you hear a click. There should be a small gap between the brush head and handle.

To replace a brush head, grip from the top and pull directly away from the toothbrush handle until it detaches. Attach a new brush head following the instructions above.

2. Rinsing

Before every brushing, rinse the brush head with fresh water to moisten the bristles. Apply your desired amount of toothpaste on the head.

3. Select Brush Mode

Your W-1 toothbrush features 4 brushing modes to adjust to your needs:
Clean - 41,000 rpm - Standard mode for superior daily cleaning
White - 48,000 rpm - Deep cleaning mode for surface stains, polishing and vigorous cleaning
Sensitive - 31,000 rpm - Gentle cleaning along the gumline
Attachment - 33,000 rpm - Gentle face cleaning (requires an external attachment)

To begin brushing, press the power button. Select the brush mode by pressing the power button again until your desired mode's LED light is illuminated. By default, Clean mode is selected when the toothbrush is powered on for the first time.

Note: Mode selections can be made within 5 seconds of each other. After 5 seconds, the current mode will lock and the next press of the power button will shutdown the toothbrush.

To power down the toothbrush, wait at least 5 seconds after turning it on and then press the power button.

Toothbrush Features

1. Mode Memory

Once a mode is locked it becomes the default mode when the toothbrush is powered back on. This allows for quick one-touch operation of your toothbrush each use.

2. 30-Second Quadrant Timer

While the toothbrush is powered on, it will quickly pause every 30 seconds, signalling you to switch over to another quadrant of your mouth (top right, top left, bottom right, bottom left), allowing for an even clean each time.

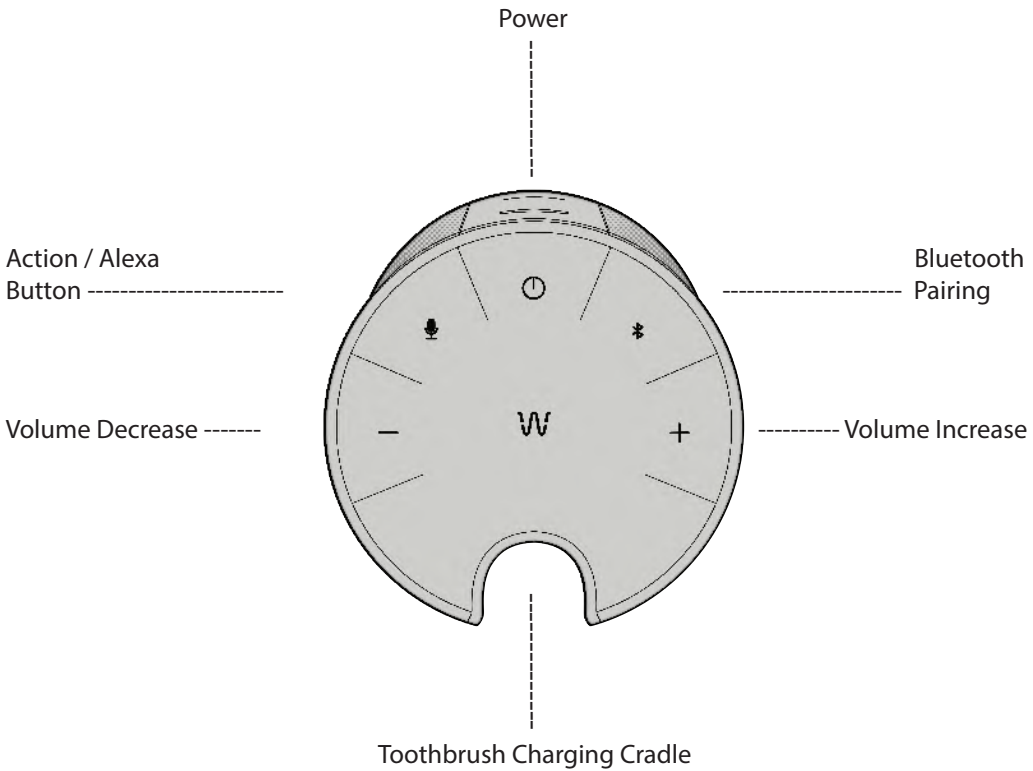
3. 2-Minute Duration Timer

For an effective daily cleaning, dental professionals recommend brushing your teeth for at least 2 minutes, twice a day. The W-1 is configured to automatically shut down after 2 minutes, allowing for effective and convenient brushing with minimal effort. The external attachment mode is configured to automatically shut off after 3 minutes.

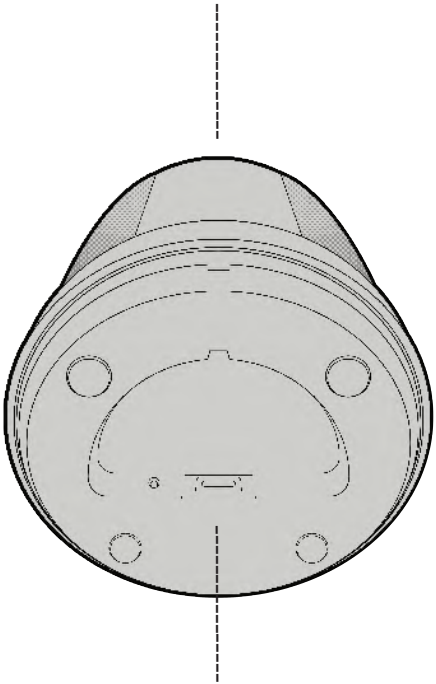
4. Extended Battery Life

The W-1's lithium ION battery typically provides 28 days of brushing on one charge, allowing for convenient travel packing and tidy bathroom setups.

Speaker Overview



Detachable Wall Mount Plate Slot



USB-C Charging Port

Using The Speaker

Button Operation			
Button	Symbol	Short Press Function	Long Press Function
Power	⏻	Enable or disable ECO Mode (2 short presses)	Turn speaker ON or OFF
Bluetooth	ᛒ	None	Pair a new device
Action	🎙	Access Alexa from speaker	Enable or disable Mute
Action	🎙	Pick up an incoming phone call	Hang up an active phone call
Volume Up	+	Increase speaker volume - Level 0 to 31	Increase speaker volume - Level 0 to 31 continuous
Volume Down	—	Decrease speaker volume - Level 31 to 0	Decrease speaker volume - Level 31 to 0 continuous

Status Indicators		
Speaker Status	Behaviour	LED Colour
Idle	None	None
Battery Charging	Flashing - 10 seconds	
Battery Fully Charged	Solid - 10 seconds	Solid White for 10 seconds
Battery Low	Flashing - 10 seconds every 3 minutes	Flashing Red for 10 seconds every 3 minutes
Bluetooth Pairing Mode Active	Flashing	Flashing Blue
Bluetooth Connected	Solid	Solid Blue
Muted	Solid	Solid Red
Voice Input / Listening	Solid	Solid Cyan
Thinking	Colours alternating (100ms)	Cyan / Blue
Alexa Talking	Colours Pulsing (500ms)	Cyan / Blue
Exception	Flashing - 3 times	Red
Notification	Slow pulsing (2000ms)	Yellow

1. Eco-Mode & Auto Shut Off

Your W-1 speaker is configured with two features to help conserve battery power when it is not connected to a power source. When Eco-Mode is set to ON, the LED light right will turn off after 5 seconds of user operation. When Eco-Mode is set to OFF LED brightness will remain constant at 50%.

Additionally, after 10 minutes of idle operation (no outgoing / incoming audio, user actions or requests), the speaker will shut off to conserve battery.

2. Pair with a Smart Device

To pair the speaker with a smart device for the first time, follow the steps below:

i. To begin, ensure the speaker is powered OFF.
ii. Enable Bluetooth on your smart device to make it discoverable.
iii. Press and hold the POWER button to turn on the speaker. It will begin searching for a device to pair with by default.
iv. Locate and select your Wavee W-1 speaker from the device list. (WAVEE-001)
v. Once paired, the speaker will play, "Bluetooth Connected" and the LED indicator will glow solid blue.

To pair the speaker with a smart device at any other time, press and hold the bluetooth button to enable pairing mode. Locate the speaker on your smart device and connect.

3. Connect to Alexa

To connect the speaker with Alexa, Amazon's virtual personal assistant, follow the steps below:

i.To begin, ensure that you have the Amazon Alexa app installed on your smart device. To download, search using 'Amazon Alexa' in either the Apple App Store or Google Play Store, depending on your device and operating system.

Note: Amazon Alexa requires the use of bluetooth to function on the speaker. If necessary, toggle to your smart device's settings menu and allow Amazon Alexa to access bluetooth.

ii. Open the app and sign into your Amazon Account. If you do not have an existing Amazon account, follow the on-screen instructions to create a New Account before proceeding.
iii. If this is the first time opening up the app, you will be prompted to setup a new device. Select 'Yes' to proceed. If this is not your first time, select 'Add new Device' from the Devices menu.
iv. When prompted to select a device to setup, select 'Other Device'.
v. When prompted to select what type of device to setup, select 'Bluetooth Speaker'.

vi. Allow the Alexa app to access your microphone by selecting, 'Continue'.
vii. Make sure the speaker is powered on and is ready to connect.
viii. Alexa app will begin searching for devices. Select WAVEE-001 from the list.
ix. Allow the Alexa app to setup your W-1 by selecting 'Continue'.
x. Follow the on-screen prompts to complete the setup.

To speak to Alexa, press the Action button once. The speaker will chime once and show a cyan ring as it waits for your voice.

When Alexa responds or carries out your request, the speaker will glow blue and cyan intermittently.

4. Sample Alexa Commands

The list of Alexa commands continues to grow as more third party devices join the Amazon network. Below are some sample commands to help improve your morning routine:

Ask the time: "Alexa, what time is it?"
Learn your Calendar: "Alexa, what does my day look like?"
Get traffic information: "Alexa, what's my commute look like?" or "Alexa, what's traffic like?"
Create a list on the spot: "Alexa, create a list"
Check dates: "Alexa, when is [holiday] this year?"
Track packages from Amazon: "Alexa, where's my stuff?" or "Alexa, track my order."
Full a full list of commands, visit www.amazon.com/meetalexa.

5. Wall Mount (Optional)

For bathrooms with limited space or for additional convenience, your W-1 can be mounted on a wall using the included wall mount. Using 3M double-sided command stripes is recommended for safe and sturdy installation. Simply apply at least 2 command strips to the wall mount and then fasten to your mirror or wall of choice.

Frequent Questions & Troubleshooting

1. Q: How should I clean the speaker?
A: Clean the surface of the speaker with a soft, damp cloth (water only). Do not use any sprays near the speaker. Do not use any solvents, chemicals or cleaning solutions containing alcohol, ammonia or abrasives.

2. Q: Does the speaker need to be plugged into a power outlet to operate?
A: No. The speaker is powered by a lithium ion battery that provides a playback time of 8 hours when fully charged. Charging through the provided USB-C cable will take approximately three hours. Note: Continuous wireless playback time will be affected if the toothbrush is charging.

3. Q: No power from Speaker?
A: Battery may be discharged. Connect the USB charging cable.

4. Q: Speaker Battery does not charge
A: Possible Solutions:
o Make sure you are using a USB cable provided by Wavee or one from a qualified manufacturer.
o Connect the USB cable to a different USB power supply.
o Use a different USB cable.
o Connect to a different AC power source.

5. Q: Speaker does not pair with mobile device
A: Possible Solutions:
o For best Bluetooth® performance, place your smart device within 33 ft. (10 m) of the speaker, and make sure there is a clear line of sight between you and the speaker.
o On your mobile device, turn the Bluetooth feature off and then on.
o Remove your speaker from the Bluetooth list on your device. Pair your device again.
o Pair a different device

6. Q: No sound from Speaker
A: Possible Solutions
o Increase the volume on your speaker, your device and music source.
o Make sure you are using the correct device.
o Use a different music source.

7. Q: No response or slow response to Alexa commands

A: Alexa voice recognition is activated when the microphone button is depressed on the speaker and Amazon's Alexa app is open and running in the background of your smart phone.

Possible Solutions:

o Make sure you downloaded and installed correct Amazon Alexa App.

o Make sure have the latest app version.

o Make sure you do not have any network issues.

o Make sure to speak to the microphone within 1 meter.

o Uninstall then reinstall the APP, power the speaker Off, then On, and restart setup.

8. Q: Speaker powers off unexpectedly

A: If the speaker is powered on and not connected to a power source, it will shut off automatically after 10 minutes of idle activity to conserve battery power. To avoid this shutoff, connect to a power source.

9. Q: Toothbrush is not as powerful

A: Possible Cause:

o A different default mode was selected

o Worn brush head or gunk buildup in handle shaft/charge

Solution:

o Press power button and change brush mode to your desired setting

o Replace brush head and clean handle and charger with damp cloth. Make sure shaft is clear of any gunk, then charge unit for at least 24 hours.

10. Q: For electric toothbrush which is not used for a period of time, indicator light does not shine when charging.

A: If the toothbrush is not used for a period of six months or longer, the battery will enter a dormant state and needs 6-15 minutes after re-charging to wake up, which is a normal behavior.

11. Q: Do you offer replacement heads?

A: Replacement heads are available through the Wavee Subscription program or as a one-time purchase on our website, www.waveeworks.com.

12. Q: If I have comments/questions about my Wavee W-1, what should I do?

A: For any additional questions or comments you have, please visit our website at www.waveeworks.com or email our support team at support@waveeworks.com

Our Promise & Limited Warranty

Wavee is committed to providing professional quality products for its customers. If your W-1 is not working properly or you begin to experience any issues, please refer to our frequently asked questions section for quick help. If this does not solve your issue, please email our support team at support@waveeworks.com. We are pleased to help resolve any issues you may have in a timely manner.

Limited Warranty

Your W-1 Toothbrush is protected by a two year warranty against manufacturing defects and malfunction. The same warranty applies to the speaker, for one year.

Our warranty does not cover brush heads, normal wear and tear or damage caused by misuse.

Please contact us at support@waveeworks.com if you have any questions or concerns with your product.

Wavee W-1 Techincal Specs

TOOTHBRUSH

Modes:	White: 48,000 vibrations per min Clean: 41,000 vibrations per min Sensitive: 33,000 vibrations per min
Controls and Settings:	2-min shutdown timer 30 sec quadrant-interval timer LED Display Mode Indicator
Power:	Power Source: Rechargeable Lithium ION Battery Approx. 25-day battery life / 240 mins continuous
Charging Type:	Inductive
Physical Features: Dimensions:	180 millimetres length (7.08 inches) 22 millimetres diameter (0.88 inches) Weight: 97 grams Colour: Cool Grey Waterproof Rating: IPX7 Noise: < 67 db
Brush Head Dimensions:	78 millimetres total length (3.07 inches) 22 millimetres bristle coverage (0.88 inches)

SPEAKER

Wireless Connectivity:	Bluetooth 5.0 Amazon Alexa Compatible
Inputs:	USB Connection: USB-C port
On-Board Microphone:	Yes
Power:	Power Source: Rechargeable Lithium ION Battery 8 hours continuous playback time USB-C Device Charging Cable
Physical Features:	Dimensions: 120 millimetres high (4.72 inches) 115 millimetres diameter (4.52 inches) Weight: 800 grams (1.67 pounds) Color: Cool Grey Water Resistance: IPX5 Rating: Splash-Proof

For updates, promotions and experience sharing, join our user communities:

support@waveeworks.com
www.waveeworks.com

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications 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.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance Of 20cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s)

Operation is subject to the following two conditions:

(1) This device may not cause interference, and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with RF exposurerequirements, a minimum separation distance of 15mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

Ce dispositif est conforme aux normes autoriser-exemptes du Canada RSS d'industrie

L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.Cet équipement est conforme avec l'exposition aux radiations IC définies pour un environnement non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur.Pour se conformer aux exigences d'exposition aux radiofréquences, une distance minimale de 20cm doit être maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne. Les pinces de ceinture, les étuis et autres accessoires similaires utilisés par cet appareil ne doivent pas contenir de composants métalliques. Les accessoires portatifs qui ne répondent pas à ces exigences peuvent ne pas se conformer aux exigences d'exposition RF et doit être évitée.

Utilisez uniquement l'antenne fournie ou une antenne approuvée