OontZ
Bluetooth Adapter

OPTICAL / AUDIO IN

OontZ

SPK 1 SPK 2

DC IN

Quick Start Guide

Designed and Engineered By
CAMBRIDGE SOUNDWORKS

TheOontZ.com

In the Package

OOntZ
OPTICAL / AUDIO IN

SPK 1   SPK 2   L/R   DS
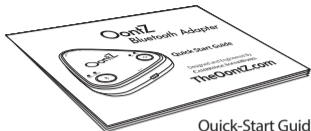
DC IN

OOntZ
Bluetooth Adapter

OontZ
Bluetooth Adapter

Quick-Start Guide

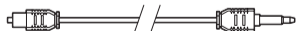Designed & Engineered by
Cambridge SoundWorks
TheOontZ.com

Quick-Start Guide

Micro USB Power Adapter

3.5mm Audio Cable

Digital Audio Optical Cable

Thank you for being an OontZ Bluetooth Adapter Owner!

This User Guide first covers the steps to connect your OontZ Bluetooth Adapter to your TV or device (Laptop, Computer, Tablet, Mac, iPad, or Music Receiver), with the included Digital Audio Optical Cable or the 3.5mm Audio Cable. Then the steps to connect the OontZ Bluetooth Adapter wirelessly over Bluetooth to one or two of these Supported OontZ Speaker Models:

SUPPORTED OONTZ SPEAKER MODELS
- OontZ Angle 3 ULTRA
- OontZ Angle 3XL ULTRA
- OontZ Angle 3 RainDance

  • To connect and play to two OontZ Speakers both speakers must be the same model.
  • The OontZ Bluetooth Adapter will only work with the Supported OontZ Speaker Models, for the latest list of supported OontZ speakers please visit TheOontZ.com/BT-Adapter

The OontZ Bluetooth Adapter is designed to transmit the audio from your TV or device to the OontZ Speaker(s) with our Low latency Feature. The Low Latency Feature reduces delays that occur in the Bluetooth transmission of the audio which can cause lip sync issues when playing a video on your TV or device and playing the audio wirelessly through one or two OontZ Speakers.

Before Getting Started with your OontZ Bluetooth Adapter please review these important notes:

OontZ Speaker Firmware Version Requirements

Your OontZ Speaker(s) need to be on the current version of Firmware, to work with the OontZ Bluetooth Adapter:

Current Firmware Requirements

- OontZ Angle 3 ULTRA: Version 2.15 or later (please see page 19 for instructions on how to check Firmware Version)
- OontZ Angle 3XL ULTRA: Version 3.3.6 or later (please see page 20 for instructions on how to check Firmware Version)
- OontZ Angle RainDance: All versions of Firmware work with the OontZ Bluetooth Adapter

If your OontZ Speaker(s) are on an earlier Firmware version, you will need to update each speaker to the current Firmware version. If you have two OontZ Speakers, they both need to be on the same current version of Firmware.
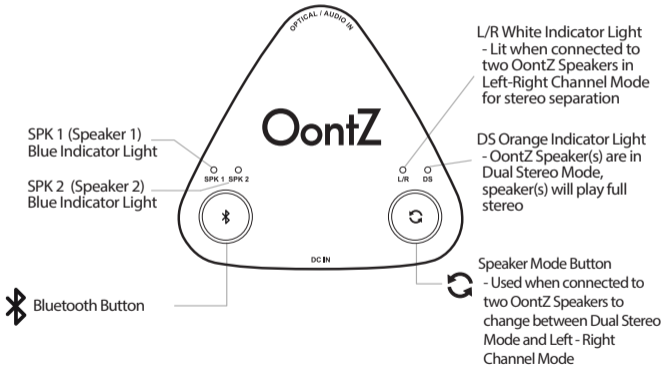
Volume Control

Some model TVs (and other devices) when connected to the OontZ Bluetooth Adapter are not able to adjust the volume playing through the OontZ Speaker(s) by the TV's remote control or physical buttons on the TV. In this case you will need to use the volume buttons on each speaker to adjust the volume. If your TV allows the volume playing through the OontZ Speakers(s) to be adjusted from the TV's remote control we would recommend that you initially set the volume on each speaker to maximum using the volume buttons on each speaker and use the remote control to adjust volume.

Table of Contents

Buttons and Lights

OPTICAL / AUDIO IN

OontZ

L/R White Indicator Light - Lit when connected to two OontZ Speakers in Left-Right Channel Mode for stereo separation

DS Orange Indicator Light - OontZ Speaker(s) are in Dual Stereo Mode, speaker(s) will play full stereo

SPK 1 (Speaker 1) Blue Indicator Light

SPK 2 (Speaker 2) Blue Indicator Light

SPK 1   SPK 2

L/R   DS

Speaker Mode Button - Used when connected to two OontZ Speakers to change between Dual Stereo Mode and Left - Right Channel Mode

Bluetooth Button

DC IN

Connectors

Optical/Audio In Connector used
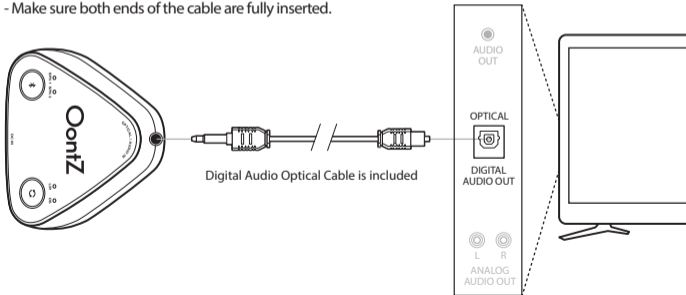for 3.5mm Audio Cable or
Digital Audio Optical Cable

DC IN Power Connector
used for Micro USB Power
Adapter

Connecting with Television Using Digital Audio Optical Cable

We recommend to connect to your TV using the Digital Audio Optical Out Connector. If the TV does not have a Digital Audio Optical Out Connector, use the Analog Audio Connection as described on Page 4.
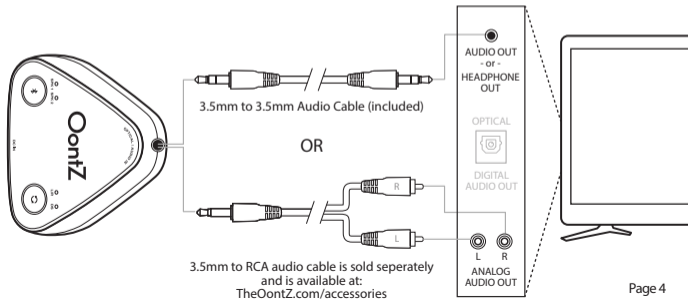
- Plug the longer end of the Digital Audio Optical Cable into the Optical/Audio In Connector on the OontZ Bluetooth Adapter as shown below.

- Plug the shorter end of the Digital Audio Optical Cable into the Optical - Digital Audio Out on your TV as shown below.

- Make sure both ends of the cable are fully inserted.

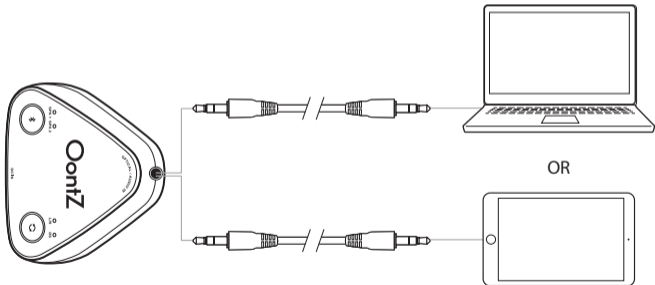Digital Audio Optical Cable is included

Connecting with Television Using 3.5mm Audio Cable

- Plug one end of the 3.5mm Audio Cable into the Optical/Audio In Connector on the OontZ Bluetooth Adapter.

- Plug the other end of that 3.5mm Audio Cable into the Headphone or Audio-Out Connector on your television.

- Make sure both ends of the cable are fully inserted.

- If your TV does not have a Headphone Connector or Audio-Out Connector but does have Left Right Analog Audio Out you will need a 3.5mm to RCA cable as shown below.

AUDIO OUT
- or -
HEADPHONE OUT

3.5mm to 3.5mm Audio Cable (included)

OPTICAL

OR

DIGITAL AUDIO OUT

R

L

3.5mm to RCA audio cable is sold seperately
and is available at:
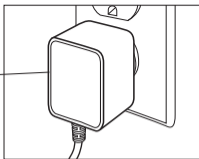TheOontZ.com/accessories

L   R
ANALOG
AUDIO OUT

Connecting with Devices Using 3.5mm Audio Cable

- Plug one end of the 3.5mm Analog Cable into the Optical/Audio In Connector on the OontZ Bluetooth Adapter.

- Plug the other end of that 3.5mm Audio Cable into the Headphone or Audio-Out Connector on your device.

- Make sure both ends of the cable are fully inserted.
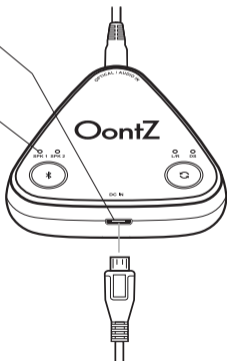

OR

Turning On the OontZ Bluetooth Adapter

Step 1: Connect the wall plug end of the Micro USB Charging Adapter into a power outlet.

Step 2: Insert the small end of the Micro USB Charging Adapter into the DC IN Micro USB Charging Connector as shown

Step 3: SPK1 will be lit indicating the OontZ Bluetooth Adapter is ON
- If the SPK1 Blue light is slowly flashing on your OontZ Bluetooth Adapter it is ready to connect to your OontZ Speaker(s)
- If the SPK1 is solid Blue your Oontz Bluetooth Adapter has reconnected to a supported OontZ speaker and is ready to play.

Connecting Your OontZ Bluetooth Adapter with One Supported OontZ Speaker

(To connect with Two supported OontZ Speakers refer to Page 10)

Step 1: Turn ON your OontZ speaker.

The blue light on the OontZ Speaker will be lit:

 - If the blue light on the OontZ Speaker is flashing it is ready to connect with the OontZ Bluetooth Adapter.

 - If the blue light on the OontZ Speaker is solid it has automatically reconnected with the last device it was connected to. In order to connect with the OontZ Bluetooth Adapter you need to first disconnect the OontZ Speaker, from that device. Press and hold down the Bluetooth Button ✸ on the OontZ Speaker for 5 seconds.

 - The blue light will begin flashing and the OontZ Speaker is ready to connect with the OontZ Bluetooth Adapter.

Step 2: Check that the OontZ Bluetooth Adapter is turned on, the SPK 1 blue light will be lit.

 - If the SPK 1 blue light on the OontZ Bluetooth Adapter is flashing it is ready to connect with the OontZ Speaker.

 - If the SPK 1 blue light on the OontZ Bluetooth Adapter is solid it has automatically reconnected with the last OontZ Speaker it was connected with. In order to connect with the new OontZ Speaker you need to disconnect the current OontZ Speaker. Press and hold down the Bluetooth Button ✸ on the OontZ Bluetooth Adapter for 5 seconds.

 - The SPK 1 blue light on the Bluetooth Adapter will begin flashing and it is ready to connect with the OontZ Speaker.

Connecting Your OontZ Bluetooth Adapter with One Supported OontZ Speaker

Step 3: Press and release the Bluetooth Button ✻ on the OontZ Bluetooth Adapter. The SPK 1 and SPK 2 blue lights will alternate flashing. *

- The SPK 1 blue light will turn solid, to indicate the OontZ Bluetooth Adapter has connected with your OontZ speaker.
- The OontZ Bluetooth Adapter will continue to search for a second OontZ Speaker for a total of 60 seconds, then the flashing SPK2 blue light will turn off.
- The OontZ Bluetooth Adapter is now ready to transmit the audio over Bluetooth and play through the OontZ speaker.

*Your OontZ Bluetooth Adapter needs to be within 10 unobstructed feet of the OontZ Speakers to pair and connect. If there is an issue when connecting please move your speakers closer to the OontZ Bluetooth Adapter, then pair and connect.

Connecting Your OontZ Bluetooth Adapter with One Supported OontZ Speaker

Note 1: The OontZ Bluetooth Adapter will try to automatically reconnect with last OontZ Speaker it was connected with each time the OontZ Speaker is turned on and is within range.

Note 2: In order to pair and connect the OontZ Bluetooth Adapter with a different Supported OontZ Speaker, you need to first disconnect the currently connected OontZ Speaker.

- To disconnect the currently connected OontZ Speaker, press and hold down the Bluetooth Button ✳ on the OontZ Bluetooth Adapter for 5 seconds.
- The SPK 1 blue light will begin flashing and the OontZ Bluetooth Adapter is ready to connect to a different OontZ Speaker.

Note 3: Note: If you wish to later connect a second OontZ Speaker to the OontZ Bluetooth Adapter the second speaker needs to be the same OontZ Speaker model and needs to be on the same level of Firmware as the first speaker.

- With your OontZ Bluetooth Adapter Turned On and the first OontZ Speaker turned on and connected to it, turn on your second OontZ Speaker.
- Press and release the Bluetooth Button ✳ on the OontZ Bluetooth Adapter. The SPK 1 and SPK 2 blue lights will alternate flashing.
- SPK1 and SPK2 blue lights will both turn solid blue to indicate the OontZ Bluetooth Adapter has connected with both OontZ Speakers.
. The OontZ Bluetooth Adapter is now ready to transmit the audio over Bluetooth and play through both OontZ Speakers.

Connecting Your OontZ Bluetooth Adapter with Two Supported OontZ Speakers

(To connect with One supported OontZ Speakers refer to Page 7)

Step 1: Turn ON your OontZ Speakers.

The blue light on both OontZ Speakers will be lit:

 - If the blue light on both OontZ Speakers are flashing they is ready to connect with the OontZ Bluetooth Adapter.

 - If the blue light on either OontZ Speaker is solid it has automatically reconnected with the last device it was connected to. In order to connect with the OontZ Bluetooth Adapter you need to first disconnect the OontZ Speaker(s), from that device. Press and hold down the Bluetooth Button 🜨 on the OontZ Speaker for 5 seconds.

 - The blue light will begin flashing and the OontZ Speaker is ready to connect with the OontZ Bluetooth Adapter.

Step 2: Check that the OontZ Bluetooth Adapter is turned on, the SPK 1 blue light will be lit.

 - If the SPK 1 blue light on the OontZ Bluetooth Adapter is flashing it is ready to connect with the OontZ Speaker.

 - If the SPK 1 blue light on the OontZ Bluetooth Adapter is solid it has automatically reconnected with the last OontZ Speaker it was connected with. In order to connect with the new OontZ Speakers you need to disconnect the current OontZ Speaker. Press and hold down the Bluetooth Button 🜨 on the OontZ Bluetooth Adapter for 5 seconds.

 - The SPK 1 blue light on the Bluetooth Adapter will begin flashing and it is ready to connect with the OontZ Speakers.

Connecting Your OontZ Bluetooth Adapter with Two Supported OontZ Speakers

Step 3: Press and release the Bluetooth Button � on the OontZ Bluetooth Adapter. The SPK 1 and SPK 2 blue lights will alternate flashing. *

- The SPK 1 light will turn solid blue, to indicate the OontZ Bluetooth Adapter has connected with one of your OontZ Speakers.
- The OontZ Bluetooth Adapter will continue to search for the second OontZ Speaker for up to 60 seconds.
- The SPK2 light will turn solid blue, to indicate the OontZ Bluetooth Adapter has connected with the second OontZ Speaker.
- The OontZ Bluetooth Adapter is now ready to transmit the audio over Bluetooth and play through the OontZ Speakers.

Step 4: If the SPK2 blue light turns off after 60 seconds, the second OontZ Speaker was not found.
- Make sure both OontZ Speakers are the same model.
- Make sure both OontZ Speakers are on the same version of firmware.
  • Refer to page 19 for the OontZ Angle 3 ULTRA on how to check the version of firmware.
  • Refer to page 20 for the OontZ Angle 3XL ULTRA on how to check the version of firmware.

*Your OontZ Bluetooth Adapter needs to be within 10 unobstructed feet of the OontZ Speakers to pair and connect. If there is an issue when connecting please move your speakers closer to the OontZ Bluetooth Adapter, then pair and connect.

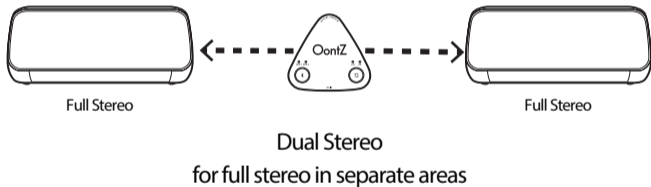## Connecting Your OontZ Bluetooth Adapter with Two Supported OontZ Speakers

Note 1: The OontZ Bluetooth Adapter will try to automatically reconnect with last OontZ Speaker it was connected with each time the OontZ Speaker is turned on and is within range.

Note 2: In order to pair and connect the OontZ Bluetooth Adapter with different Supported OontZ Speakers, you need to first disconnect the currently connected OontZ Speakers.

- To disconnect the currently connected OontZ Speakers, press and hold down the Bluetooth Button ✷ on the OontZ Bluetooth Adapter for 5 seconds.
- The SPK 1 blue light will begin flashing and the OontZ Bluetooth Adapter is ready to connect to different OontZ Speakers.

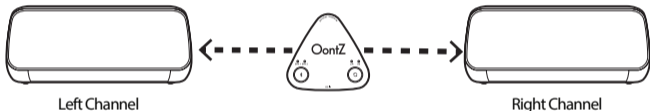# Play Your Audio Wirelessly in Dual Stereo with Two OontZ Speakers

Place each speaker up to an unobstructed 66 feet apart from the OontZ Bluetooth Adapter*

Full Stereo

OontZ

Full Stereo

Dual Stereo
for full stereo in separate areas

* Placing the speakers on the ground or having walls or obstructions between the OontZ Bluetooth Adapter and the speakers will significantly reduce the distance the two speakers can play away from the OontZ Bluetooth Adapter

Play Your Audio Wirelessly with Two Oontz Speakers

Left - Right stereo separation up to an unobstructed 66 feet apart from the OontZ Bluetooth Adapter*

Left Channel

Right Channel

Left Channel - Right Channel
for stereo separation

* Placing the speakers on the ground or having walls or obstructions between the OontZ Bluetooth Adapter and the speakers will significantly reduce the distance the two speakers can play away from the OontZ Bluetooth Adapter

Changing to Left Channel - Right Channel from Dual Stereo

Use Left Channel - Right Channel when placing the two speakers in the same area to have stereo seperation.

- With the speakers connected together for Dual Stereo, Orange Light will be lit.

- To change to Left Channel - Right Channel, press the ⟳ speaker mode button. White Light will be lit and the Orange Light will turn off.

- SPK1 will say "Left Channel" and SPK2 will say "Right Channel" and you are ready to play.

Changing to Dual Stereo from Left Channel - Right Channel

Use Dual Stereo when placing the two speakers in different areas, and both speakers will play in full stereo.

– With the speakers connected together for Left Channel - Right Channel. White Light will be lit.

– To change to Dual Stereo, press the ⟳ speaker mode button. Orange Light will be lit and White Light will turn off.

– Both speakers will say "Dual Stereo" and you are ready to play.

Troubleshooting

My adapter will not power on

– Please make sure the Micro USB Power Adapter is connected to the DC IN Power Connector and into a power outlet. The SPK1 LED indicator should be flashing blue or a solid blue. Refer to Page 6 for detailed instructions.

I am having trouble pairing and connecting to my Bluetooth device.

Please check the following:

– Your speaker(s) are Supported OontZ Speaker Models:
  – OontZ Angle 3 RainDance
  – OontZ Angle 3 ULTRA
  – OontZ Angle 3XL ULTRA

  For the latest list of Supported OontZ Speakers please visit TheOontZ.com/BT-Adapter

– The adapter and your speakers are within an unobstructed 10 feet / 3 meters from each other.

– The adapter is ready to connect to your OontZ Speaker(s); this is indicated by the SPK1 and SPK2 blue LED flashing alternately.

I hear an echo when connected to my TV

– Please make sure the internal speaker is turned off on your TV and only the audio to the OontZ Bluetooth Adapter is enabled.

– The selection to turn off the internal speaker can usually be found in the TV on-screen menu under audio settings. Please refer to your TV manual for more specific instructions.

Troubleshooting (continued)

After connecting the OontZ Bluetooth Adapter to my device, there is no audio playing from my OontZ Speaker. Please check the following:

– Your device is connected to the adapter via the 3.5mm Audio Cable or Digital Audio Optical Cable.

– Make sure the audio volume is at an audible level on both your speakers and device.

– Please make sure the settings for your device are enabled for the line-out/headphone out or the Digital Audio out (depending on the cable you have connected to the OontZ Bluetooth Adapter).

  – Some TVs require selecting the audio output setting to an external speaker in your TV on-screen menus. The selection for the audio output setting can usually be found in the TV on-screen menu under audio settings. Please refer to your TV manual for more specific instructions.

I hear a buzzing sound when connected to my TV.

– When using the Digital Audio Optical Cable connected to the OontZ Bluetooth Adapter make sure the audio format setting for your TV is enabled for PCM out and not encoded audio such as Dolby Digital.

– The selection to change the audio format on your TV can usually be found in the TV on-screen menu under audio settings. Please refer to your TV manual for more specific instructions.

For the latest troubleshooting information please visit:
TheOontZ.com/troubleshooting and select the OontZ Bluetooth Adapter

Reset Function

Step 1 : Turn the OontZ Bluetooth Adapter ON.

Step 2 : Press and hold down the Bluetooth Button 🗦 for 5 seconds, then release.

Step 3 : The OontZ Bluetooth Adapter has now been reset.

Step 4 : Re-pair with OontZ speakers (Refer to Pair and Connect instructions on Page 7 for connecting One OontZ Speaker and Page 10 for connecting Two OontZ Speakers)

Checking OontZ Angle 3 ULTRA Firmware Version

OontZ Angle 3 ULTRA

OontZ Bluetooth Adapter requires your OontZ Angle 3 ULTRA to be updated to version 2.1.5 or later. To check the firmware version on your speakers, perform the below steps for each speaker.

– Step A : Power on your OontZ Angle 3 ULTRA

– Step B : Insert the 3.5mm audio cable in the Aux In Jack of the speaker, you will hear the voice prompt: "Aux In Source".

– Step C : Press and hold the bluetooth button ✸ on the speaker for about 5 seconds until the red light begins to flash. Release the bluetooth button ✸ .

  - The red light will flash 2 times, the the orange light will flash 1 time, and then green light will turn off and the blue light will flash 5 times. The green light will turn back on.

  - This light sequence confirms the version 2.1.5 is on the OontZ Angle 3 ULTRA.

  - If the light sequence confirms the firmware version is less than 2.1.5, the firmware needs to be updated on the speaker.

  - For detailed instructions on updating the firmware for your OontZ Angle 3 ULTRA visit https://theoontz.com/pages/firmware. Select OontZ Angle 3 ULTRA on the page.

– When using two Supported OontZ Speakers, the firmware version needs to be the same on both speakers. The same colored light on each speaker should flash the same number of times to indicate the version of the firmware is the same on both speakers. If they are not the same the firmware needs to be updated on one or both speakers.

Checking OontZ Angle 3XL ULTRA Firmware Version

OontZ Angle 3XL ULTRA

OontZ Bluetooth Adapter requires your OontZ Angle 3XL ULTRA to be updated to version 3.3.6 or later. To check the firmware version on your speakers, perform the below steps for each speaker.

– Step A : Power on your OontZ Angle 3XL ULTRA

– Step B : Insert the 3.5mm audio cable in the Aux In Jack of the speaker, you will hear the voice prompt: "Aux In Source".

– Step C : Press and hold the bluetooth button �# on the speaker for about 5 seconds until the red light begins to flash. Release the bluetooth button �# .

  - The red light will flash 3 times, the green light will turn off and the blue light will flash 3 times and the white light will flash 6 times. The green light will turn back on.

  - This light sequence confirms the version 3.3.6 is on the OontZ Angle 3XL ULTRA.

  - If the light sequence confirms the firmware version is less than 3.3.6, the firmware needs to be updated on the speaker.

  - For detailed instructions on updating the firmware for your OontZ Angle 3XL ULTRA visit https://theoontz.com/pages/firmware. Select OontZ Angle 3XL ULTRA on the page.

– When using two Supported OontZ Speakers, the firmware version needs to be the same on both speakers. The same colored light on each speaker should flash the same number of times to indicate the version of the firmware is the same on both speakers. If they are not the same the firmware needs to be updated on one or both speakers.

OontZ Bluetooth Adapter - Other Important Notes

Speaker Power

- When the OontZ Speakers are playing from battery power and connected to the OontZ Bluetooth Adapter, the speakers will remain on and will not automatically turn off after 30 minutes of not playing audio. This will use up the battery charge on the OontZ Speakers.

We recommend to:

1) Keep each OontZ Speaker plugged into a USB wall charger, which will keep each OontZ Speaker charged and available.
   They can remain on and available to play from the OontZ Bluetooth Adapter.

   - Or -

2) Turn off each OontZ Speaker when you are done listening.
   When the OontZ Bluetooth Adapter is on and the OontZ speakers are turned back. The OontZ Bluetooth Adapter will automatically reconnect to each OontZ Speaker if they are within range.

Customer Support

If you have a question about your OontZ Bluetooth Adapter or experience an issue with the adapter, our Customer Support Team wants to assist you.

For online troubleshooting tips please visit:

TheOontZ.com/troubleshooting

and select the OontZ Bluetooth Adapter

Contact us at:

TheOontZ.com/support

and fill in our customer support form

Safety and Precautions

1. When the OontZ Bluetooth Adapter is plugged in to a power source with the Micro USB Power Adapter, never use near water, to prevent risk of electric shock.
2. Read and follow all instructions – All operating and use instructions should be followed.
3. Protect the Micro USB Power Adapter from being pinched, particularly at the connectors.
4. Unplug the Micro USB Power Adapter during lightning storms or when unused for long periods of time.
5. Do not place adpater near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Refer all servicing to qualified personnel. Servicing is required when the speaker has been damaged in any way.
7. Do not make alterations to this adapter.
8. Use this adapter only with the supplied Micro USB Power Adapter which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC) in accordance with the manufacturer's specifications.
9. Do not place near naked flame sources, such as lighted candles, on or near the speaker.
10. Do not expose this adapter to excessive heat
    (e.g. from storage in direct sunlight, fire or the like)

Safety and Precautions (continued)

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

NOTE 1: 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.

NOTE 2: Any 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.

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UL is a registered trademark of UL.