ION®

LUMA DUO

User Guide

English

Tap or click
for technical
support.

ionaudio.com/support

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INTRODUCTION

Thank you for purchasing the Luma Duo. At ION, your entertainment is as important to us as it is to you. That's why we design our products with one thing in mind—to make your life more fun and more convenient.

Note: Before you first use the product, please fully charge the batteries. Your units were purposely shipped with reduced battery charges to ensure safe transit. For optimal charging, power off the speakers while charging.

Use the included USB-A to USB-C® charging cable to connect each unit to a 5V, 2A power adapter (not included) connected to a power outlet and let each charge for up to 3 hours (depending on the specifications of your adapter). This helps ensure the longest life for your batteries.

Box Contents

Luma Duo Speakers (2)

USB-A to USB-C® Charging Cable (3.28 ft. / 1 m)

Quickstart Guide

Support

For the latest information about this product (documentation, technical specifications, system requirements, compatibility information, etc.) and product registration, visit ionaudio.com.

For additional product support, visit ionaudio.com/support.

SETUP

Use and Care

Though Luma Duo speakers are water-resistant and able to tolerate splashing water, please review the tips below to get the best performance:

- Bring Luma Duo indoors during extreme weather.

- Please do not place Luma Duo in standing water or puddles.

- Please do not attempt to charge Luma Duo in a wet environment. Make sure the power input, charging cable, power adapter, and power outlet are all completely dry before making any connections.

- **WARNING:** Keep any non-water-resistant devices (phones, music players, etc.) in a dry place where they will not be affected by water and cause a risk of electric shock.

Charging & Battery Information
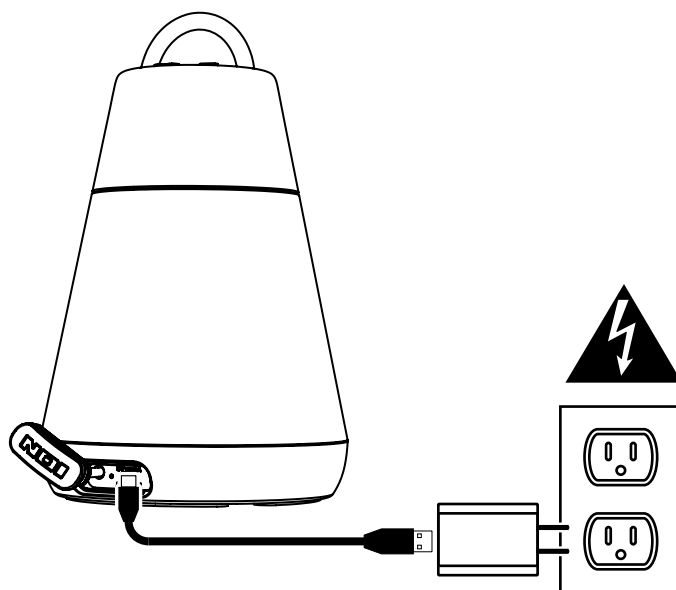
Important: For best results, power off the Luma Duo speakers and use the included USB-A to USB-C® charging cable to connect the **USB-C® Charging Port** on the rear panel of each speaker to a USB power adapter (DC 5V, 2A; not included) connected to a power outlet. A full charge can take up to 3 hours, depending on the specifications of your 5V, 2A adapter.

If you are using Luma Duo while charging, we recommend keeping the lights set to OFF until the unit is fully charged. If the lights are activated when charging begins or during charging, they will be locked to "Fire Pit" mode.

Here are some other recommendations for getting the longest life from the internal battery.

General Usage	Fully charge the battery before using it.
	Avoid full discharge of the battery if possible. Li-Ion batteries are maintenance-free, and the battery will last longest when operating between 30–80% charged.
	Do not use the product while charging the battery.
	Do not charge the battery in exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures.
Storage	For best product longevity, do not store at exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures.
	For best product longevity, store with a 50% battery charge.
	If you leave the battery level low and do not charge it for 6 months, it may permanently lose capacity.
Repair	If the battery fails to charge, contact ION Audio at ionaudio.com.
Disposal	Bring the unit to a recycling center or dispose of in accordance with local ordinances.

FEATURES

Top Panel
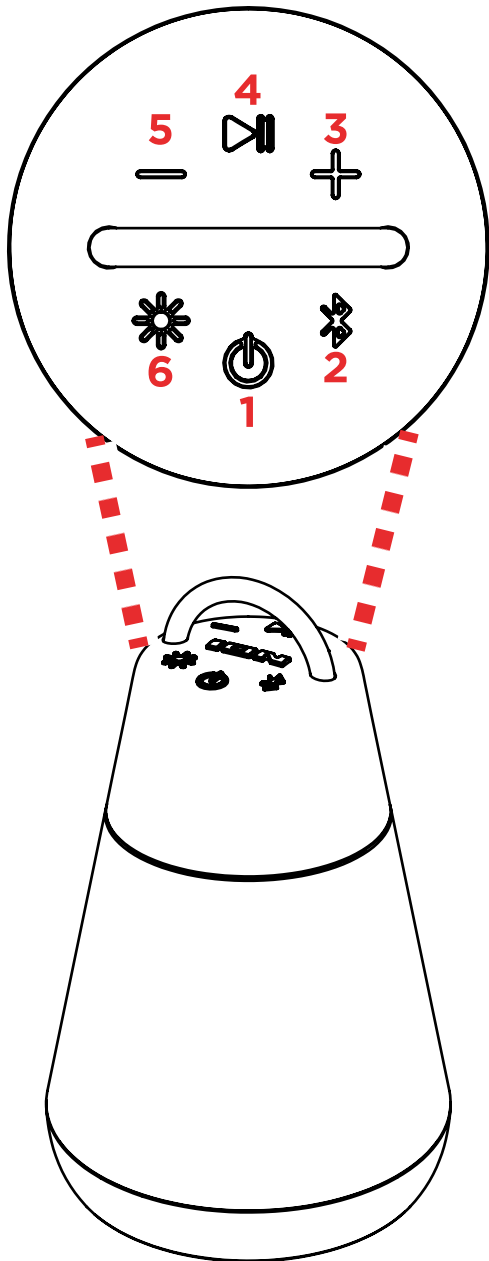
1. **Power:** Press this button to turn the Luma Duo speakers on. Press and hold this button to turn the Luma Duo speakers off.

   Double-press this button to enable or disable confirmation tones and voice prompts.

2. **Bluetooth:** Press and hold this button to disconnect paired devices and enter pairing mode.

   Double-press to disconnect linked speakers or re-enter Stereo-Link™ mode.

   See *Operation > Pairing a Bluetooth® Device* and *Stereo-Link™ Mode* for more information.

3. **Up/Next (+):** Press this button to increase the volume.

   In Bluetooth mode, press and hold this button to skip to the next track.

4. **Play/Pause:** Press this button to start or pause Bluetooth playback.

5. **Down/Previous (–):** Press this button to decrease the volume.

   In Bluetooth mode, press and hold this button to revert to the beginning of the track. Press and hold it again within one second to skip to the previous track.

6. **Lights:** Press this button to cycle through the eight available light modes, or to turn the lights off.

   When Luma Duo speakers are powered off, press and hold this button to activate lights-only mode (no audio). While in lights-only mode, you can press power to turn on the speaker and begin Bluetooth pairing.

   See *Operation > Light Modes* for more information.

Rear Panel
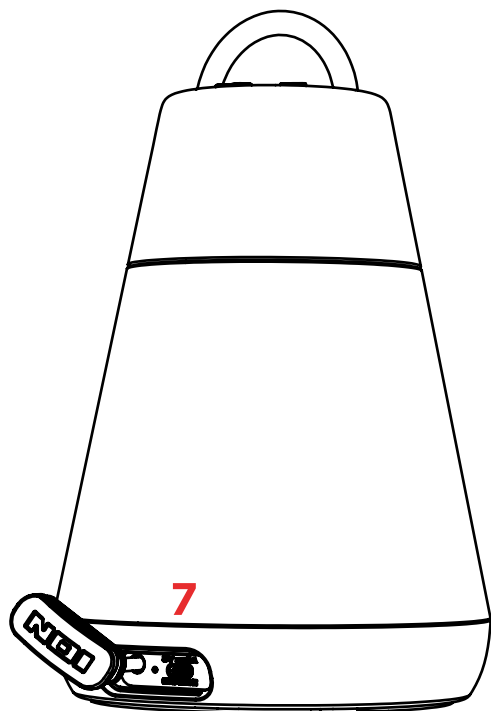
7. **USB-C® Charging Port**

   To charge each Luma Duo speaker, connect the included USB-A to USB-C® charging cable from this port to a USB power adapter (DC 5V, 2A; not included) connected to a power outlet.

   To hear a callout of the battery level for each speaker, press **–** and **+** at the same time. Battery level may differ between units.

   Important: For best results, power off Luma Duo speakers while charging.

OPERATION

Pairing a Bluetooth® Device

1. Turn on Luma Duo by pressing the **POWER** button. If no device is connected upon powering on, the Luma Duo lights will slowly fade in and out in blue. This will indicate Luma Duo is available to pair, so make sure your Bluetooth device is within range of the speaker, no more than 100 ft. (30.5 m).

2. Navigate to your device's Bluetooth setup screen, find **Luma Duo**, and connect.

   Note: Do not connect to **iSP175_BLE**; this is reserved exclusively for connecting to the ION Sound Control™ app. If you experience trouble in connecting, select "Forget this Device" on your Bluetooth device and try to connect again.
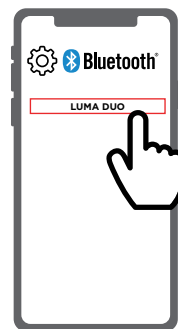
3. Once paired, you will hear a confirmation tone (if confirmation tones/voice prompts are enabled), and the speaker LEDs will flash blue two times.

4. You can now press play in your music player app of choice on your device.

To disconnect a paired device, press and hold the **BLUETOOTH** button, or turn off Bluetooth from your device's Bluetooth settings. The speaker will enter Bluetooth pairing mode to make it available for another device. When you disconnect a Bluetooth device, you will hear a confirmation tone if confirmation tones/voice prompts are enabled.

Stereo-Link™ Mode

When the Luma Duo speakers are powered on, they are automatically linked for stereo sound by default.

To unlink the speakers, double-press the **BLUETOOTH** button.

If you have a Bluetooth device currently paired to Luma Duo speakers, it will remain connected to one speaker.

To relink the Luma Duo speakers:

1st Speaker

1. If they are powered off, turn on one Luma Duo by pressing the **POWER** button. This speaker will be your "primary" speaker.

   If you have a Bluetooth device currently connected to the primary speaker, press and hold the BLUETOOTH button to disconnect it before continuing.

2. Double-press the **BLUETOOTH** button on the primary speaker to enter Stereo-Link™ mode.

2nd Speaker

3. Power on the second speaker (if needed).

   If you have a Bluetooth device currently connected to the second speaker, press and hold the BLUETOOTH button to disconnect it before continuing.

4. Double-press the **BLUETOOTH** button on the second speaker to enter Stereo-Link™ mode.

5. Allow up to one minute for the speakers to link. For best results, make sure they are within 50 ft. (15 m) of each other with clear line of sight.

6. Once the speakers are linked, you will hear "Linked" if voice prompts/ confirmation tones are enabled.

7. You can now re-pair your Bluetooth device. Navigate to your device's Bluetooth setup screen, find **Luma Duo**, and connect. You will hear a confirmation tone (if confirmation tones/voice prompts are enabled), and the speaker LEDs will flash blue two times to confirm your device has been paired.
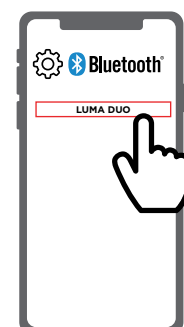
Tips: The Bluetooth range will be determined by the distance that your Bluetooth device is to the primary speaker. See *Technical Specifications* for Bluetooth and Stereo-Link™ ranges.

Light Modes

Press the **LIGHTS** button to cycle between the eight light modes, or to turn the lights off:

1. **Fire Pit Mode:** Lights flicker and glow in yellow and orange colors like a roaring fire.

2. **Starlight Mode (Beat Sync):** Lights sparkle in response to the audio being played.

3. **Rising Pulse (Beat Sync):** Lights slowly fade through the color spectrum and pulse in response to the audio being played.

4. **Raindrops Color:** Lights will drop from top to bottom of the speaker, glowing in random colors.

5. **Flowing Rainbow:** Lights glow in a rainbow gradient, flowing from top to bottom like a waterfall of color.

6. **Bouncing Stars:** A waveform light streak circles up and down the speaker, changing colors as it moves.

7. **Utility White:** All lights hold a clear white color at full brightness.

8. **Static Color:** All lights glow in a single color (default: orange) at full brightness. The color can be adjusted using the ION Sound Control™ app.

9. **Off**

While Luma Duo speakers are powered off, you can activate lights-only mode (no audio) by pressing and holding the **LIGHTS** button for two seconds. Press and release the **LIGHTS** button while in lights-only mode to cycle through the same light modes mentioned *above*.

When lights-only mode is active, you can press **POWER** to turn on the speaker and begin Bluetooth pairing.

To exit lights-only mode, press and hold the **LIGHTS** button again.

App Control

IMPORTANT: To ensure the best possible experience with the app, use the most current Android OS or iOS on your device.

Follow these steps to download the free app on your device:

1. Open the Apple App Store or Google Play on your device. Then, search for the **ION Sound Control™** app.

2. Follow the on-screen instructions to download and install the app. Once downloaded, the **ION Sound Control™** app will appear on your device's home screen.

3. Connect your device to Luma Duo via Bluetooth. See *Operation > Pairing a Bluetooth® Device* to learn how to do this.

4. Open the ION Sound Control™ app. If prompted, allow the app to access your device's Bluetooth and Location Services.

5. Follow the steps on screen to find and connect to your Luma Duo. Once connected, you can control various functions of the speaker, such as:

   - **Volume:** Adjust each speaker's volume.

   - **Voice Prompts:** Enable or disable the voice prompts/confirmation tones (on by default).

   - **Battery Life:** Check the primary speaker's battery life status.

   - **Lights:** Change the light modes and select light mode colors.

   - **Stereo-Link™:** Link two Luma Duo speakers for stereo sound.

   - **EQ:** Adjust each speaker's equalization.

   - **Over-the-Air Firmware Updates:** Stay up to date with the latest firmware updates.

   - **Support:** Visit ionaudio.com, contact Technical Support, and view Warranty information and Frequently Asked Questions.

TROUBLESHOOTING

If the unit is not charging: Make sure the USB-A to USB-C® charging cable is properly connected to the power input, the power adapter, and the power outlet. Make sure the lights are set to OFF, or completely power off Luma Duo.

If the sound is distorted: Try lowering the volume control of your sound source.

If there is too much bass: Try adjusting the tone or EQ control on your sound source or on Luma Duo via the ION Sound Control™ app to lower the bass level. This will allow you to play the music louder before clipping (distortion) occurs.

If you cannot connect your audio device to Luma Duo via Bluetooth:

- Have your audio device (e.g., smartphone or tablet) and Luma Duo as close together as possible while trying to connect. Make sure both the audio device and Luma Duo are unobstructed by walls, furniture, etc.

- Press and hold the **BLUETOOTH** button to disconnect Luma Duo from any other audio device and restart the search process. If this does not work right away, power off Luma Duo and then power it back on. See *Operation > Pairing a Bluetooth® Device* for more information.

- Reset the Bluetooth connection on your audio device by turning Bluetooth off and back on. You can find this under the Bluetooth menu in the Settings for your phone or other audio device.

  If this does not work, and you have connected to Luma Duo before, find Luma Duo in the list of available or previously connected devices in your audio device's Bluetooth menu, tap the "gear" or "i" icon located next to it and then select **Unpair** or **Forget**. Turn Luma Duo off and back on and try pairing again once it reappears in your available devices list.

  Note: If Luma Duo have been paired to another audio device recently that is still within range, you may need to repeat this process with that audio device to fully disconnect.

If you experience audio dropouts while playing music from a Bluetooth device, this may be happening because your unit is trying to link to another speaker. This can occur if you power off a speaker that was linked to your unit or if you have just turned on your unit and it is in Stereo-Link™ mode. To stop the audio dropouts, exit Stereo-Link™ mode by double-pressing the **BLUETOOTH** button. Alternatively, you can wait for your unit to link to another speaker if there is one within range.

If there is a delay in the audio signal between the left and right speakers when linked, break the link by double-pressing the **BLUETOOTH** button, and pair them again following the instructions in the *Operation > Stereo-Link™* section.

APPENDIX

Technical Specifications

Frequency Response	123 Hz – 10.9 kHz (-3 dB) 83 Hz – 16.5 kHz (-10 dB)
Drivers	2.5" (63.5 mm) with sound dispersion
Wireless Technology	Bluetooth® - Classic Audio
Wireless Range *	**Bluetooth® Range:** Up to 100 feet (30.5 m) **TWS Range:** Up to 50 ft. (15 m) between speakers
Water Resistance Class	IPX7
Battery	**Battery Life**: Up to 10 hours (at 50% volume, lights off) ** **Charge Time**: Up to 3 Hours (using 5V, 2A USB power adapter)
Dimensions (per speaker) (width x depth x height)	4.1″ x 4.1″ x 7.8" 105 x 105 x 197 mm
Weight (per speaker)	3 lbs. 1.3 kg

Specifications are subject to change without notice.

* Bluetooth and wireless reception and range are affected by walls, obstructions, and movement. For optimal performance, place the product so it is unobstructed by walls or furniture and is raised off the ground.

** Battery life may vary based on temperature, age, and volume usage of product.

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