

RIPL®

Ripl One
User Guide

Caution / Important

Before using any of the Ripl products, read and follow these instructions.

Be kind to your ears. High volume or sound pressure can have damaging effects to your hearing. Before turning on Ripl, please make sure the volume on your output device and sliding volume control in the connector cable are turned to low. Once connected and sound is playing, gradually increase the volume on the Ripl Sub module and to the headphones until you achieve a comfortable level. Ripl was designed to allow you to experience the feeling of sound through the module without needing to turn up the volume to your ears to unsafe levels. Do not listen at high volume levels for long periods.



Use responsibly. Do not use Ripl when it is unsafe to do so, such as while driving a car, riding a bicycle, crossing streets, or operating heavy equipment. Additionally, if you have a pacemaker or any medical issue that may be affected by strong vibration, please consult your physician before using Ripl.

Use caution with Ripl. Like other consumer electronic products, Ripl can break or get damaged when dropped on hard surfaces, which could lead to unsafe operation. When not in use, keep Ripl in a safe storage place. Be careful not to drop or throw the products on hard surfaces.

Please note and use judgment. While the Ripl Sub was designed to work with and attach to many types of wired headphones, it does not mean it works with or connects to all. Additionally, when using the Ripl Sub with your current headphones or earphones, some of your current features – such as volume controls, microphones, etc. – may not work.

Also, some headphone models use softer materials in their construction. If your headphones use foam, pliable rubber, or a similar type of softer material on the inner or outer ear cups, then do not use the Ripl Sub with them. Once you connect the Ripl Sub with the loops to your existing headphones, we are not responsible for any damage done to your headphones.

Quick Start Guide

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RIPL One Plus

1x	Ripl Wireless Subwoofer
1x	Ripl Connecting Cable
2x	Attachment Bands with Loops
1x	Ripl Headband
1x	Ripl Earphones with Replacement Tips
1x	Ripl Battery Charger
4x	AAA Rechargeable Batteries
1x	Ripl Carrying Bag

RIPL One Pro (includes all items above from Plus and those listed below)

1x	Ripl Headphones (sold separately)
1x	Hard Shell Case (sold separately)

Instructions

1. Place the batteries inside the battery charger, making sure to press them into place, and fully charge until green lights appear. Once fully charged, insert three batteries into the Ripl Subwoofer (Sub).
2. Ripl One can be used several ways – by attaching the Sub directly to our headphones (included with the RIPL Pro), by attaching the Sub directly to your headphones, and by attaching the Sub to the headband and using with headphones or earphones:
 - a) To attach the Sub to our headphones or to headphones that have a similar shape to ours (as shown in Figure 2a) that have a space between the inner ear cups and the headband, place the stretchable loops over the inside of the headphone ear cups so that it looks like Figure 2b. Put on the headphones and adjust the attachment bands until the Sub is comfortable and held securely in place on the back of the neck. Insert the cable into the Sub as shown in Figure 2c.

2a.



2b.



2c.



b) To attach the Sub to the Headband, first remove the attachment loops from the Sub. Next, insert each end of the headband into each side of the Sub from the underside, making sure the silicone strip is facing inward and the 'RIPL' logo is facing up, so it looks like the image below. Place the headband on your head with the Sub on the upper portion of your neck. Adjust the tightness on each side of the band to ensure a secure and comfortable fit to your head. Insert the cable from headphones or earphones into the Sub.



3. Making sure your output device is turned on, push and hold the Power button, the small grey button, on the Sub for 1-3 seconds to begin pairing mode. You will feel a thump, hear a voice say "Pairing" and see the light flash green during the process. When you see "Ripl" appear in your device's Bluetooth® screen, push it to connect the Sub. Once the Sub is connected to your device, you will hear "Connected." PLEASE NOTE – during your first pairing, you may need to turn off (below) and turn on the Sub more than once.

4. If you are using the Sub with headphones, place the Sub on the back of the neck and the headphones over your ears. If you are using the Sub with the headband, place the Sub on the back of the neck, the headband around your head, and plug in your earphones or headphones. Now hit play on your favorite track and feel the Ripl difference. While you're enjoying content, you can use the master volume on the Sub to control the overall sound intensity. If you are using our cable or earphones, you can also separately adjust the volume into your ears. PLEASE NOTE - if you are using your own headphone cable that has a volume control or microphone, it may or may not work.

5. To turn off the Sub, push and hold the Power button for 3 seconds or until you hear "Power Off." Additionally, if no music is played through the Sub for 5 minutes, the Sub will automatically turn off and you will hear "Power Off."

6. Depending on how often you use the Sub and at what volume, the batteries should last 3+ hours before

needing to be recharged. To recharge, remove the batteries from the Sub and repeat Step 1.

Frequently Asked Questions (FAQ)

1. Can I play any type of digital content through the Ripl Sub?

Yes, you can play any type of digital content through the Ripl Sub.

2. How long will the included rechargeable batteries last before I need to recharge?

On average, you should be able to enjoy 3+ hours of play time before needing to recharge.

3. Why are you using rechargeable AAA batteries instead of rechargeable lithium?

Since this is the first of its kind product, we wanted to make the safest product possible. We are currently working on future generations that will include a rechargeable lithium battery.

4. Should I limit how long I use the Ripl Sub?

As with any headphone or device, you should use responsibly. If at any point you begin to feel dizzy or lightheaded, discontinue using the product immediately.

5. Can I use the Ripl Sub with my existing wired headphones?

Yes, you can with most wired headphones. Please see the directions included in the Ripl User Guide.

6. Is the Ripl Sub waterproof?

As with many electronics products, please use caution and do not allow the Ripl Sub to get wet as it is not waterproof or water resistant.

Ripl Limited Product Warranty

The Ripl One Year Limited Warranty is a voluntary manufacturer's warranty. Ripl products are warranted against defects in materials and craftsmanship for a period of one year from the date of original purchase, when used in accordance with Ripl's product use guidelines. Under this warranty, you can direct your claim to Ripl even if you purchased the product from a third party. The warranty will only be honored by providing the original proof of purchase that shall include the date of purchase and where the product was purchased.

During the warranty period, Ripl will, at its sole option, 1) repair the defective product, 2) exchange the defective product with a product that is similar in functionality, or 3) refund the purchase price. This warranty excludes depletion of consumable parts such as batteries, unless defect has occurred in materials or craftsmanship. This warranty also excludes damage resulting from misuse, drops, accidents, or modifications that are not due to defects in materials or craftsmanship.

Specifications

Bluetooth version	4.1
Bluetooth range	10m
Sub, frequency response	10 – 250Hz
Headphones, frequency response	20 – 20KHz
Sub play time between recharge (approx.)	3 – 4 hours
Sub rating	4.5V 350mA
Water resistance	Not water resistant or waterproof

Designed and Assembled in the USA

Manufactured in China

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Product Name: Sub-1

Model No: RS-1

FCC ID: 2ATM9-SUB1RS1

IC: 2ATM9-SUB1RS1IC

US Patent No: 10,182,964

EP Patent No: 3119373

Additional patents pending



FCC Requirement - This device complies with part 15 of the FCC Rules and has been verified as a Class B digital device. Operation is subject to the following 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This device generates, uses and can radiate radio frequency energy, and if not used in accordance with the instructions, may cause harmful interference to radio communications. If the device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one of the following measures: reorient or relocate, or increase the separation between the device and receiver. Changes or modifications not expressly approved by the manufacturer could void the warranty and the user's authority to use the device.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

The operation frequency band(s) is between 2.402GHz-2.480GHz. The maximum radio-frequency power is ~1.41dBm.

IC Requirement – The term 'IC' before the radio certification number only signifies that Industry Canada technical specifications were met. The device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

CE marking indicates the device conforms with European Union Low Voltage Directive 2006/95/EC; EMC Directive 2004/108/EC; European Union Restriction of Hazardous Materials Recast (RoHS2) Directive 2011/65/EU; European WEEE (recast) Directive 2012/19/EU; European Union Radio and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.



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