



Ripl One
User Guide

Caution / Important

Before using Ripl, 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 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.

***insert IEC 60417-6044 warning symbol



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.

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 inside the included hard-shell case. During use, be careful not to drop or throw the products on hard surfaces.

Accessories – Do not place this product on unstable cart, tripod, bracket or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Software – Do not attempt to amend or replace the default software of the product from the factory setting. The product may not function properly and causing damage to the user and the product.

Please note and use judgment. While Ripl was designed to work with and attach to most headphones, it does not mean it works with or connects to all. If your existing headphones have controls on the outer ear cups, then we strongly encourage you to first confirm the controls will work with the discs sitting on them prior to permanently attaching them. If the controls do not work, then do not attach the discs. Additionally, the sticker on the headphone attachment discs are intended to be permanent. Please use caution when securing them as the discs are extremely difficult to remove. 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 Ripl with them. Once you connect Ripl with the loops or secure with the attachment discs, we are not responsible for any damage done to your headphones.

Quick Start Guide

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2x	Headphone Attachment Discs
1x	Ripl Band
1x	Ripl Earphones
1x	Package of Foam Tips
1x	Ripl Connector Cable
1x	Ripl Battery Charger
4x	AAA Rechargeable Batteries
1x	Hard Shell Case
1x	Carrying Bag

Instructions

1. Place the batteries inside the battery charger and fully charge until green lights appear. Once fully charged, insert three batteries into the Ripl Sub (Sub).

2. Ripl One can be used several ways – attaching the Sub directly to your headphones, attaching the Sub to your headphones with the headphone attachment kit (HAK), and attaching the Sub to the band:

a) To attach the Sub to headphones, similar to Figure 2a, that have a space between the inner ear cups and the headband, place the loops over the inside of the headphone ear cups so that it looks like Figure 2b. Adjust the attachment bands until the Sub is comfortable and held securely in place on the back of the neck. Remove the plastic caps from the connector cable and plug the end with the right angle into the Sub and the straight end into the left ear cup of the headphones. Alternatively, insert the jack from your headphones into the Sub.



b) To attach the Sub to headphones, similar to Figure 2c, that have a flat surface on the outer ear cups, you will need to use the HAK, which includes the two connecting discs that adhere to the surface. First, remove the cap on the discs, place the loops inside the base, and reconnect the cap. Next, with your headphones on your head and in front of a mirror, hold a disc in each hand and place the Sub on the back of the neck. Stretch each disc to the outer portion of each ear cup, keeping an eye on the angle of the loops and bands going around your neck – on the left cup, approximately at 4 o'clock, and the right at 7 o'clock.

Once the placement of the disc on the ear cup is identified, then gently peel the protective layer from the base and repeat the above steps. When you have found the comfortable position to secure the base, firmly press and allow the sticker to set for two hours, as shown in Figure 2d. PLEASE NOTE – once you firmly press and attach the base unit to your headphones, the sticker will form a bond and will be very difficult to remove. Please be very careful and sure of the placement before allowing the sticker to set.



2c.



2d.

b) To attach the Sub to the Band, first remove the attachment loops from the Sub. Next, insert each end of the Band into each side of the Sub from the underside, making sure the silicone strip is facing inward, until it looks like the image below. Adjust the tightness on each side of the band to ensure a secure and comfortable fit to your head. Remove the plastic cap from the Earphones and insert the right-angle end into the Sub and place an earbud inside each ear. If needed, replace the foam tips with other sizes to achieve a secure fit.



3. Making sure your output device is turned on, push and hold the Power button on the Sub for 1-3 seconds to begin pairing mode. You will 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.

** insert drawing of side of Sub from earlier user guide

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 Band, place the Sub on the back of the neck, the Band around your head, and earbuds into your ears. Now hit play on your favorite track and feel the Ripl difference. While you’re enjoying content in a new way, you can use the master volume on the Sub to control the overall sound intensity, and the sliding control in the connector cable to adjust the volume to your ears.

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.”

Frequently Asked Questions (FAQ)

***Insert 1-5 of original

6. Can I get the products wet? Please use caution and do not allow the Sub or other products to get wet. In the future, we plan to offer water resistant products, but at this time Ripl One water will damage the products.

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, operation frequency response	2.402GHz – 2.480GHz
The maximum radio-frequency power	1.41dBm
Headphones, frequency response	20 – 20KHz
Play time between recharge (approx.)	3 – 4 hours
RS-1 rating	4.5V, 350mA
Water resistance	NOT water resistant

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.

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.

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

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;

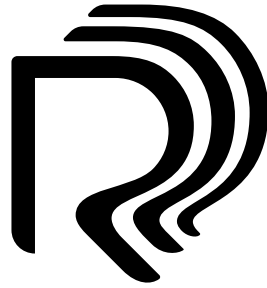
L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS-102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

CE marking indicates the device conforms with European Union Low Voltage Directive [2014/35/EU](#); EMC Directive [2014/30/EU](#); European Union Restriction of Hazardous Materials Recast (RoHS2) Directive 2011/65/EU; European WEEE (recast) Directive 2012/19/EU; [RED Directive 2014/53/EU](#)

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