



# HP-2

## Beryllium Driver Headphones

OWNER'S MANUAL



# INTRODUCTION

Thank you for choosing RBH headphones. We are confident you will enjoy their ability to engage you with music as much as our speakers do. Please take a few minutes to read through this manual so you can extract the best performance from these headphones. After the first read through, consider keeping this manual in a handy place, just in case you need to refer to it.

# IMPORTANT SAFETY INFORMATION

There are three simple rules when using headphones. One, keep the volume at a moderate level. If you must turn it up, please do so for short periods of time. Two, if your ears begin to hurt, it's probably because it's too loud, so turn it down. Three, use your head. Be smart about how you use your headphones in relation to the volume level.

**DON'T** use the headphones at a high volume for any extended period.

- To avoid hearing damage, use your headphones at a comfortable, moderate volume level. When your ears are exposed to high volume levels (greater than 85dB) for over an hour, you may be permanently damaging your hearing. Please use discretion regarding the volume you choose.
- Turn the volume down on your device before placing the headphones on your ears, then turn the volume up gradually until you reach a comfortable listening level.

**DO** focus on your safety. We never recommend using your headphones when a failure to hear your surroundings could be dangerous, such as while driving, biking, walking or jogging where traffic is present and accidents could occur. If you do these activities with headphones, keep the volume low so you can hear the surrounding ambient noise.

**DO** remove headphones and disconnect immediately if you experience a warming sensation or loss of audio.

**DON'T** submerge or expose to water, or wear while participating in water sports, i.e. swimming, water skiing, surfing, etc.

**DON'T** place naked flame sources, such as lighted candles, on or near the product.

**DO** be sure the earcup ports are kept clear, and that no moisture is allowed to get inside the earcup.



This product contains magnetic material. Please contact your physician if you have any questions on whether this might affect the operation of your implantable medical device.



This product conforms to all applicable EU directive requirements.



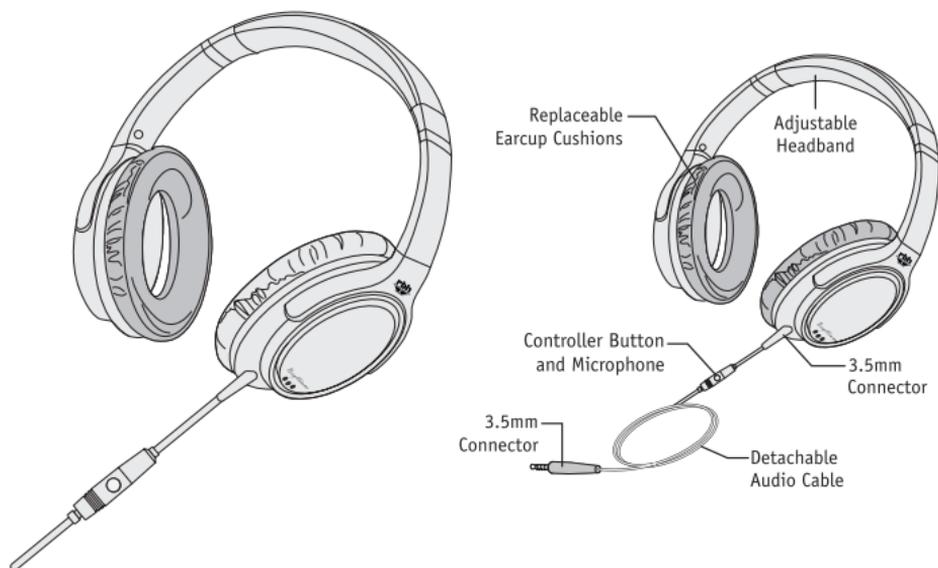
This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

# FEATURES

The HP2 combines portable audiophile performance with natural sound and elegant styling. Designed for high resolution listening at home and on-the-go, the HP2's highly flexible swivel design, with soft memory foam earpads and headband ensure lasting comfort even during the longest listening sessions. These powerful and stylish headphones come with a high quality protective carrying case, this user's manual, 1/8-inch to 1/4-inch phono jack plug adapter, and two detachable cables: (1) 3.9-foot (1.2m) deluxe black cable with controller and microphone and (1) 3.9-foot (1.2m) High Resolution Cable. The controller cable features an in-line smart remote control with microphone, allowing you to receive and end calls and control music on compatible devices.

## Featuring:

- Ultra high-resolution beryllium drivers
- Earcups swivel and lay flat for easy storage and convenience.
- Lightweight, portable design for easy travel.
- High sensitivity and a comfortable fit
- Two detachable cables: Deluxe black cable with controller and microphone and a hi-fi cable.
- Supple chamois-like (leather) earpads and headband
- Elegant styling and exquisite workmanship



**NOTE:** When plugging the cable into the headphones make sure the end nearest the controller is plugged into the headphones and the other end into a compatible device.

## CONTROLLER FUNCTIONS

Attach the 3.5 mm connector closest to the controller securely to the left earcup. Attach the 3.5 mm connector on the opposite end securely to the standard headphone jack on your device, see illustration on page 2. You should hear or feel a click when you make these connections. The headphones come with an integrated microphone and one-button controller. Below are some basic functions using the push button on the controller. These functions may vary depending on your phone manufacturer. You will need to play with the functions to see what works best with your phone.



### Push Button Once

- Answer or Hang-up a Call
- Mute or Un-mute
- Play/Pause Music

### Push Button Twice

- Hang-up a Call
- Next Song
- Call Last Number

### Hold Button

- Hang-up a Call
- Goes to Music

## RE-ATTACHING EARCUP CUSHIONS

The earcup cushions are held in place by a mounting flange which snaps under eight small tabs located around the inside rim of each earcup. If an earcup cushion becomes partially or completely detached, push the mounting flange of the earcup cushion back into the earcup. Using your finger or thumb, press around the edge of the mounting flange, making sure it snaps in place all the way around the earcup.

## CLEANING AND STORING YOUR HEADPHONES

Should cleaning be necessary, wipe the outside surfaces with a soft cloth. The headphones feature rotating earcups that fold flat for easy, convenient storage.

**CAUTION:** The earcups rotate in only one direction. Incorrectly rotating the earcups may damage the headphones.

## SPECIFICATIONS

**Driver Size:** 1.8" (45mm) Beryllium

**Impedance:** 32 Ohms

**Sensitivity:** 98dB

**Frequency Range:** 10Hz-45kHz

**Weight:** 8.82 oz. (250 grams)

**Dimensions:** 6.3" W x 7.6" H (160mm W x 193mm H)

# TROUBLESHOOTING

## Poor sound quality or missing audio channels

1. Make sure the audio cable is securely connected to both the headphones and the device.
2. Adjust the bass and treble settings in the audio device.
3. Try another device or application.

## Microphone is not working

1. Make sure you are using a compatible device.
2. Make sure the audio cable is securely connected to both the headphones and the device.
3. Make sure the microphone opening on the back of the controller button is not blocked.
4. Try another phone call or another device.
5. Check that the end of the cable closest to the controller is plugged into the headphones.

## Device is not responding to remote button commands

1. Make sure you are using a compatible device.
2. Make sure the audio cable is securely connected to both the headphones and the device.
3. For multi-press functions: vary speed of button presses.
4. Try another device.
5. Check that the end of the cable closest to the controller is plugged into the headphones.

## Headband is too tight or loose

The headphones can easily be adjusted to “relax” the clamping force. Simply flex the headphone band in the opposite direction and hold it in that position for about 10 seconds. You may need to do this several times to get the band to relax to the point where the fit is the most comfortable for your head. The head band will also naturally relax a little over time. You can always tighten it by flexing the headphones in the clamping direction.

## Warranty

Your headphones are covered by a limited warranty against defects in materials and workmanship for a period of 2 years (excluding replaceable ear cushions) from the original date of purchase. This warranty is provided by RBH Sound or the authorized RBH Sound dealer where the headphones were purchased. A valid purchase receipt is required for warranty repair on all RBH Sound headphones. Warranty repair will only be considered for products purchased within two years of purchase and covers manufacturing and material defects only. A non-warranty fee will apply to products determined to have failures relating to misuse or abuse. This fee will also apply to products less than two years old without a valid receipt or when purchased from a non-authorized retailer. Please contact RBH Sound or your RBH Sound dealer for non-warranty service or repair pricing and directions on sending in your headphones. Charges for unauthorized service and transportation cost are not reimbursable under this warranty. This warranty becomes void if the product has been damaged by alteration, misuse or neglect. RBH Sound assumes no liability for property damage or any other incidental or consequential damage whatsoever which may result from the failure of this product. Any and all warranties of merchantability and fitness implied by law are limited to the duration of this express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

## Warranty Registration

Please fill out and submit the registration form found online at <http://rbhsound.com> to register your headphones.

*Redefining the Way You Experience Sound.™*



382 Marshall Way, Layton, Utah • USA • 84041  
Toll Free: (800) 543-2205 • Fax: (801) 543-3300  
<http://rbhsound.com>

It is RBH Sound policy to continuously incorporate improvements into products; all specifications are subject to change without notice. Copyright © 2016 RBH Sound. All Rights Reserved. 03/11/2016