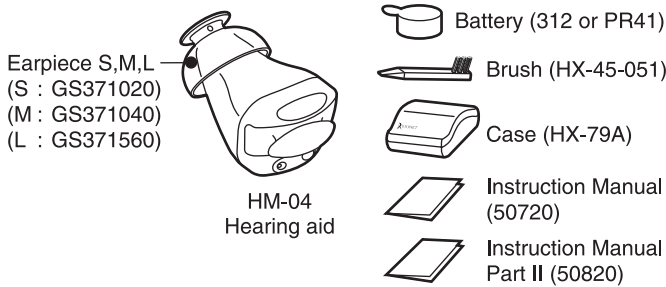


### HOW TO USE YOUR FIRST HEARING AID

- Any hearing aid cannot return level of your hearing to normal or halt further hearing deterioration, but proper use of your hearing aid can help you hear what is going on around you and let you get more enjoyment of life.
- If this is your first hearing aid, you - like most new users - will probably be surprised at the loudness of the sounds, and after using it for a short while, you may even feel that it is too noisy. The following three tips are important in overcoming your concerns.
  - 1) Read this manual and become familiar with the hearing aid's various mechanisms and how to use them correctly.
  - 2) First, use your hearing aid in a quiet place and listen to quiet sounds and give yourself sufficient time to get accustomed to the sound of your hearing aid.
  - 3) If any physical problems develop, consult your doctor.

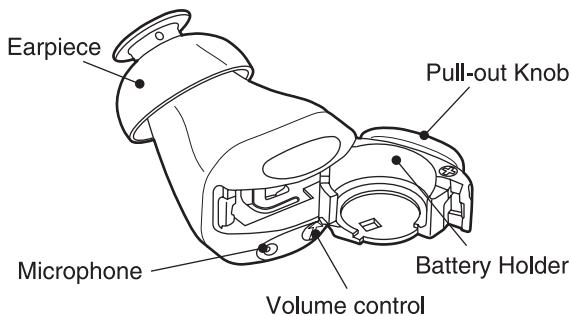
### INSIDE THE HEARING AID BOX

Check the all items illustrated below are contained in the box.



### OPERATING INSTRUCTIONS

#### Parts and Controls

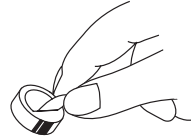


- Earpiece is consumable. Please ask your supplier to buy it.
- Production number (serial number) is indicated near the earpiece.
- Manufacturer's name is imprinted near the battery holder.

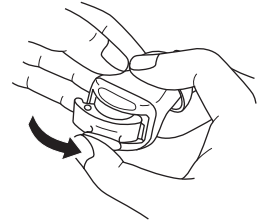
### Loading Battery

1. Remove the seal on the positive side of battery (PR-41 or 312 zinc-air battery) before loading.
2. Open the battery holder.
3. Load a PR-41 or 312 battery into the battery compartment with correct polarity; the plus mark ⊕ on the battery and the holder should be on the same side.
4. Close the battery holder.

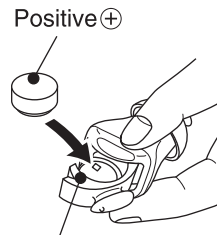
1.



2.

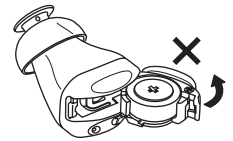


3.



Mark of positive side ⊕

**Do not lift up the battery holder too far.**



The battery holder serves as an **on/off switch**. To turn on, close the holder completely. To turn off, slightly open the holder so that the plus mark ⊕ on the holder can be seen. Keep the holder open when it is not in use.



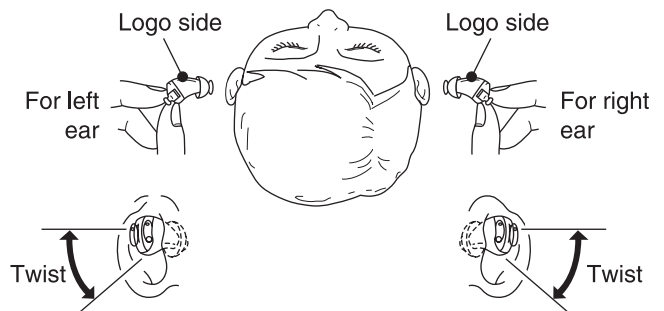
#### Battery life

- (PR-41 or 312, for continuous use) Approx. 280 hours
- Battery life will change depending on the operating condition.
  - A battery with a removed seal might exhaust itself in about 1.5 months, regardless of whether or not it was used.
- Be sure to remove the battery when the hearing aid is not to be used more than one week.

### Inserting hearing aid in Your Ear

1. Grasp the pull-out knob and open the battery holder slightly, so that the hearing aid is set to the OFF condition.
2. Hold the hearing aid as shown in the illustration, with the battery side towards the rear and the hearing aid logo towards the front.
3. Insert the hearing aid in your ear. To facilitate insertion, lightly twist the unit left and right to achieve a snug fit. There is no need to push it into your ear strongly.

**Note:** If the hearing aid is inserted with the battery holder closed (ON), whistling (acoustic feedback) may occur.

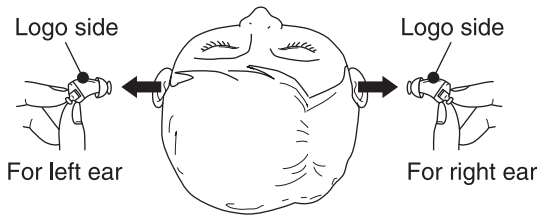


4. When the hearing aid is properly seated in your ear, close the battery holder to turn it on.

**Note:** If the earpiece does not fit your ear and whistling occurs, replace it with a different size of earpiece.

## Removing hearing aid

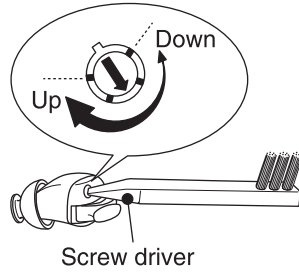
Grasp the pull-out knob and open the battery holder slightly, so that the hearing aid is set to the OFF condition. Then carefully pull the hearing aid out of your ear.



## Volume Control Adjustment

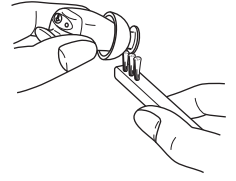
Before fitting your hearing aid into your ear, make sure that the Volume control should be set at the position of comfortable sound level which you prefer to hear.

Turning the Volume control clockwise by an original screw driver with brush is to put the volume up. To put the volume down, turn it counterclockwise.



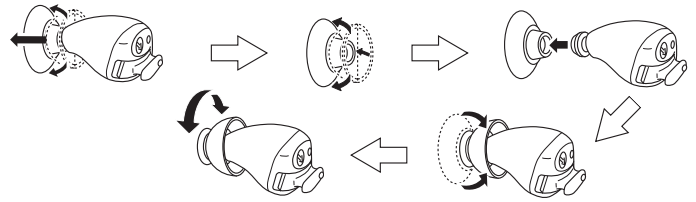
## Cleaning your hearing aid

We recommend that you clean your hearing aid twice a week (more or less needed) to remove any earwax that may build up as a result of regular use. Too much earwax build up can prevent your hearing aid from working. Hold the hearing aid as the illustration, brush off the earwax of the earpiece. Earpiece is the expendable supplies, replace it with new one if you can not remove any earwax.



## Replacing earpiece

To replace the earpiece, turn the wide section over, and remove the old earpiece as shown in the illustration. Fit the new earpiece snugly over the tip of the main unit, return the wide section to the original position, and rotate several times so that the earpiece is securely fastened.



### CAUTION!

Make sure that the earpiece must be correctly and tightly attached to the receiver nozzle. Otherwise, it might fall off in your ear.

## TECHNICAL DATA (According to ANSI standard S3.22 1996)

Reference test frequency	2500 Hz	
Maximum-OSPL90	103 dB	
HFA-OSPL90	101 dB	
HFA-full-on gain	17 dB	
Reference test gain	17 dB	
Frequency range	200 Hz to 6000 Hz	
Equivalent input noise level	24 dB	
Total harmonic distortion	500 Hz	3 %
	800 Hz	2 %
	1600 Hz	1 %
Operating switch	Case switch	
Battery type	312	
Supply voltage	1.3 V	
Battery current	0.5 mA	
Battery life	280 h	
Dimensions	1.35 x 1.03 x 2.4 cm	
Weight (excluding battery)	1.8 g	

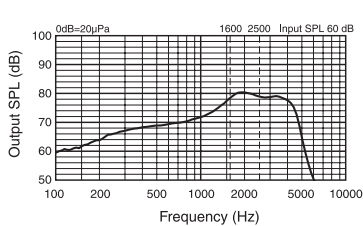
(Typical value)

## TECHNICAL DATA (According to IEC standard Pub. 60118-0-1983)

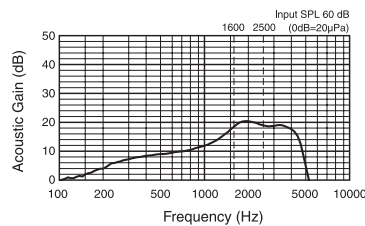
Reference test frequency	2500 Hz	
OSPL <sub>90</sub>	109 dB	
Peak	112 dB	
	Full on acoustic gain	
Reference test gain	29 dB	
Frequency range	200 Hz to 6000 Hz	
Equivalent input noise level	23 dB	
Total harmonic distortion	500 Hz	3 %
	800 Hz	2.5 %
	1600 Hz	1 %
Operating switch	Case switch	
Battery type	PR41	
Supply voltage	1.3 V	
Battery current	0.5 mA	
Battery life	280 h	
Dimensions	1.35 x 1.03 x 2.4 cm	
Weight (excluding battery)	1.8 g	

(Typical value)

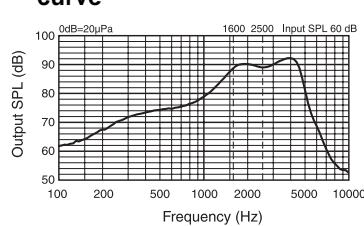
### Frequency response curve



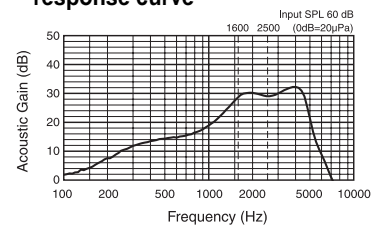
### Full-on gain curve



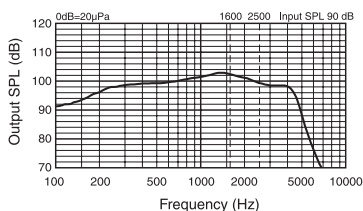
### Basic frequency response curve



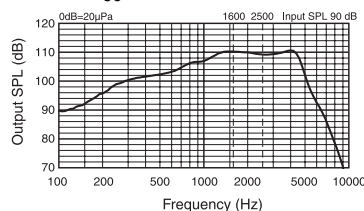
### Full-on acoustic gain frequency response curve



### OSPL90 curve



### OSPL<sub>90</sub> curve




**RIION CO., LTD.**  
 3-20-41 Higashimotomachi Kokubunji,  
 Tokyo 185-8533 Japan.  
 **GREINER hearing Technology eK**  
 Kniebisstrasse 51 78224 Singen, Germany

