

Bowers & Wilkins

P5 Series 2 Headphones

Welcome to Bowers & Wilkins and P5 Series 2 Headphones

Thank you for choosing Bowers & Wilkins. When John Bowers first established our company he did so in the belief that imaginative design, innovative engineering and advanced technology were keys that could unlock the enjoyment of audio in the home. His belief is one that we continue to share and it inspires every product we design.

P5 Series 2 is a high performance on-ear headphone that provides the highest quality personal audio experience in every situation. This manual will tell you everything you need to know to get the most from your P5 Series 2 Headphones.

1. P5 Series 2 Carton Contents

1. P5 Series 2 Headphones
2. Universal cable
3. Quilted pouch
4. Literature pack

2. Using your P5 Series 2 Headphones

Using your headphones correctly will help ensure that their performance reaches its full potential. First, identify the left and right ear pieces. Identification legends are engraved on the metal hinge below the headband.

This is illustrated in Diagram 1.

Now unfold the headphones and slide them on to your head with the headband adjusted so that each earpiece sits comfortably over the ear.

This is illustrated in Diagram 2.

It is recommended that you fold and return your headphones to their pouch when not in use.

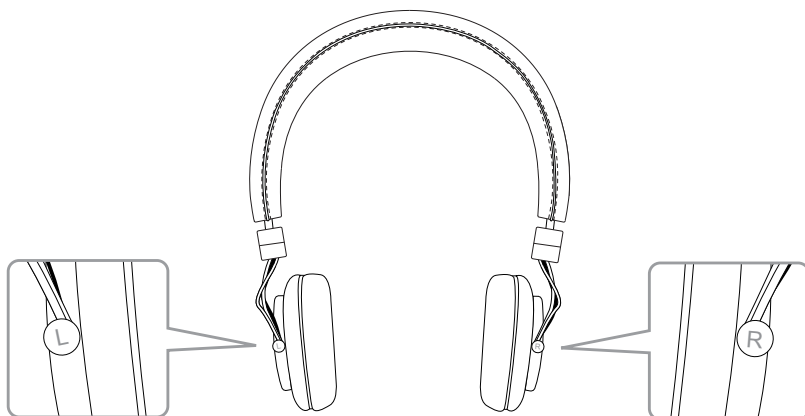


Diagram 1
Identifying left and right

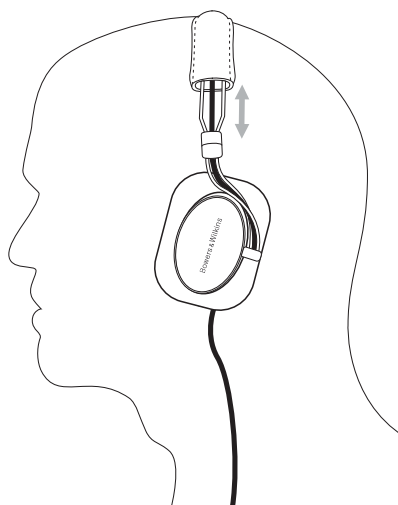


Diagram 2
Adjusting the earpiece.

3. Connecting your headphones

Your P5 Series 2 Headphones can be connected to any audio device with a 3.5mm jack headphone output. The remote and mic cable fitted to P5 Series 2 Headphones incorporates an iPhone®, iPod® and iPad® compatible microphone and audio control. Its use is described in the following section of this manual.

If using your P5 Series 2 Headphones with anything other than an Apple® device the remote and mic cable functionality may vary. If performance is affected the supplied universal cable can be substituted. Detaching the remote and mic cable and fitting the universal cable is described below and illustrated in diagram 3.

- Unfold the headphones and remove the left earpad by gently pulling it away from the body of the earpiece. Removing the left earpad reveals the cable connection plug and socket.
- Gently grasp the cable just below the earpiece and lift upwards. The connection plug and socket will raise up.
- Now gently grasp the connection plug and pull it out of the socket.
- With the remote and mic cable now disconnected, take the universal cable and identify the 2.5mm connection plug.
- Insert the 2.5mm (angled) connection plug into the left earpiece socket and press the connection plug moulding into its routing channel.
- Replace the left earpad. Make sure that the earpad location pins and sockets engage accurately.

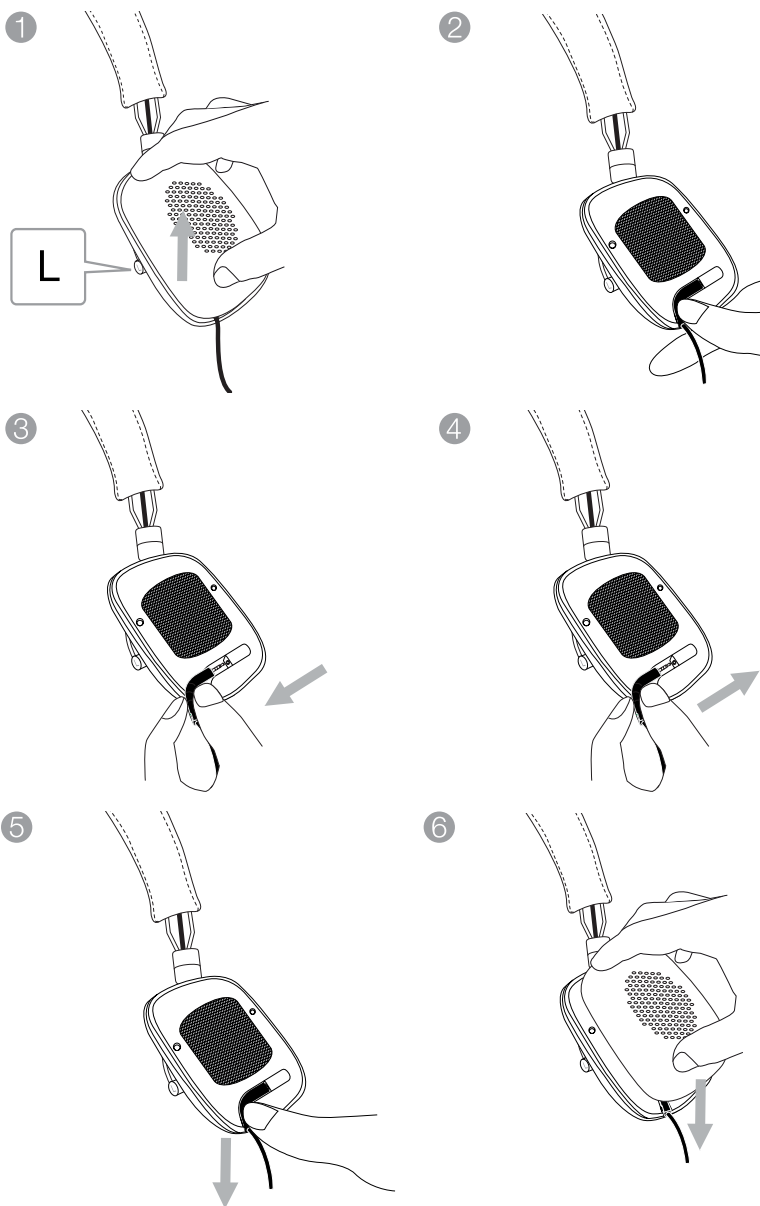


Diagram 3
Changing the cable

4. Using your P5 Series 2 Headphones with iPhone, iPad and iPod

Your P5 Series 2 Headphones incorporate a combined microphone and audio control, integrated within the remote and mic cable, that enables you to make or answer calls while wearing the headphones. The control also enables you to play, pause and skip songs. The microphone and control is illustrated in diagram 4

The control incorporates three click switches, one in the middle and one at either end, and operates as follows:

- Click the end switch engraved “+” to increase phone or song volume.
- Click the end switch engraved “-” to decrease phone or song volume.
- Click the middle switch once to answer a call.
- Click the middle switch once to end a call.
- Click the middle switch once to play or pause a song
- Click the middle switch twice to skip to the next song.
- Click the middle switch three times to skip to the previous song.

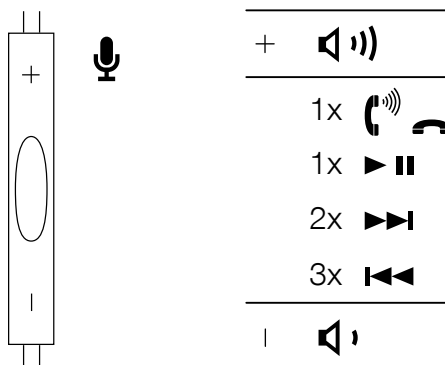


Diagram 4
The microphone and audio controls

5. Cleaning your P5 Series 2 Headphones

Clean your P5 Series 2 Headphones by soaking a soft cloth in warm water and dabbing the leather until clean, do not rub the cloth on the leather. Do not use cleaning detergents or leather polish, doing so may cause damage to the product.

6. Trouble shooting

No or intermittent audio

- Make sure that the headphone plug is securely connected to the device's headphone socket (not a "line out" socket).
- Make sure that the headphone plug connection is not obstructed by any protective case used on the device.
- Try an alternative audio source.
- Use the supplied universal cable if iPod, iPhone or iPad microphone and control features are not required.

Remote and mic not functioning correctly

- Check the iPod, iPhone and iPad compatibility.
- Disconnect and re-connect the headphones to ensure the connection is secure.
- Test on another compatible product if available.

Low volume or poor audio quality

- Ensure the headphones are securely connected.
- Disable any audio enhancement features on the audio source.
- Make sure the volume level of the audio source is turned up.
- Try an alternative audio source.
- Check the cable connection within the left earpiece.

Sound is only coming from one earpiece

- Disconnect and re-connect the headphones to ensure the connection is secure.
- Try another audio source.
- Check the cable connection within the left earpiece.

7. Safety warnings

- Contains small parts which may be a choking hazard. Not suitable for children under age 3.
- This product contains magnetic material.
- When unplugging the headphones never pull on the cable. Always grasp and pull the connector.
- Long-term exposure to loud music may cause hearing damage. It is best to avoid high volume levels when using headphones, especially for extended periods.
- Use caution when using your headphones while operating a vehicle or engaging in any activity that requires your full attention. Check and follow local laws regarding mobile phone and headset headphones use. Some jurisdictions impose specific limitations, such as single earpiece configuration, on the use of such products while driving.
- Sounds that you rely on as reminders or warnings may have an unfamiliar character when using headphones. Be aware of how these sounds may vary in character so you can recognise them as needed.
- Do not drop, sit on, or allow the headphones to become wet.

Technical Specifications

Model	P5 Series 2
Description	On-Ear Headphone
Technical features	Nylon damped diaphragm CCA W coil Changeable ear cushions Detachable cable Folding (flatable) design Damping foam
Drive units	2x ø40mm (1.6in) full range
Impedance	22 ohms
Frequency range	10Hz to 20kHz
Distortion (THD)	<0.4% (1kHz/10mW)
Max. input power	50mW
Sensitivity	108dB/V at 1kHz
Inputs	3.5mm stereo mini jack (CTIA 4-pole)
Height	192mm folded out, 130mm folded in
Width	190mm
Depth	70mm
Cable length	1.2m
Weight	195g
Accessories supplied	Universal cable (3.5mm stereo 3-pole mini jack) Protective pouch
Apple compatibility	The remote and mic are supported by iPhone 3GS and later, iPod Touch 2nd generation & later, iPad all models. The remote is supported by iPod Classic all models, iPod Nano 4th generation & later, iPod Shuffle 3rd generation & later.

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