

Bowers & Wilkins

Px8 S2
Wireless
Headphones

Welcome to Bowers & Wilkins and Your Px8 S2 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. His belief is one that we continue to share and inspires every product we design, tailored for new audio experiences outside of the home.

The Bowers & Wilkins Px8 S2 are high performance over-ear headphones designed to deliver the highest quality mobile personal audio experience combined with the convenience of wireless operation and the serenity of noise-cancellation. This manual will tell you everything you need to know to get the most from your Px8 S2 headphones.

Your Px8 S2 can play music streamed wirelessly from your mobile phone, tablet or computer via Bluetooth, or conventionally connected by a jack cable to a suitable analogue headphone output. Px8 S2 can also play audio via a USB connection from a computer and can be used for wireless telephony.

Px8 S2 Real World Listening features include our latest innovations in Active Noise Cancellation, Ambient Pass-Through and enhanced Wear Sensing technologies. Our latest generation noise cancellation feature delivers an uncompromised listening experience. Ambient Pass-Through enables external sounds, such as conversation or safety announcements, to be heard clearly without any need to remove the headphones. The Wear Sensing feature enables Px8 S2 to respond naturally, pausing and resuming the music simply by lifting either earpiece on or off your ear. These features can be enabled and further customised via the Bowers & Wilkins **Music** app, available for free on iOS and Android devices.

Px8 S2 incorporates a rechargeable battery. When fully charged, depending on the degree of Bluetooth, Active Noise Cancellation and Ambient Pass-Through use, the battery pack can provide up to 30 hours of continuous wireless media streaming with noise cancellation enabled at average playback volume levels.

1. Px8 S2 Carton Contents

- Px8 S2 over-ear wireless headphones
- Storage case
- USB-C to USB-C charging cable
- USB-C to 3.5 mm audio cable
- Document pack

2. Getting to Know Your Headphones

We recommend installing the Bowers & Wilkins Music app on your iOS or Android device. This allows you to configure your headphones in detail and provides helpful hints and tips to make the most of your new headphones.



bowerswilkins.com/downloadapp

2.1 Switching Headphones On and Off

Diagram 1 illustrates the power switch location.

Switching On

The power switch is located on the left earpiece. Slide the power switch up to the middle position. An audible cue will be played and the LED indicator will light up.

Switching Off

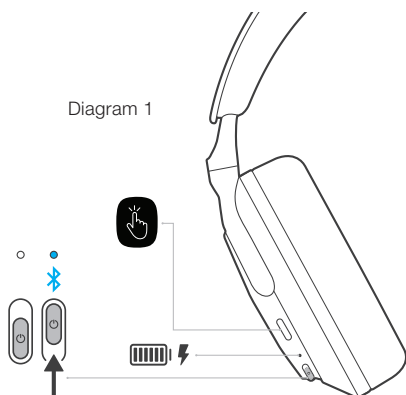
Slide the power switch to the bottom position. An audible cue will be played and the headphones will power down when the LED indicator is no longer lit.

Bluetooth Pairing

Slide the power switch to the upper position and hold for 5 seconds to enter Bluetooth pairing mode. It is also possible to enable pairing mode in the Bowers & Wilkins Music App.

Quick Action Button

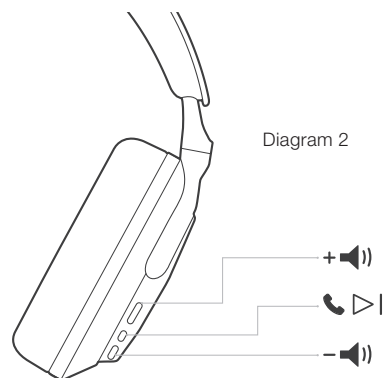
Use the Quick Action button to adjust environmental settings or speak to a voice assistant.



	Quick Action Button
	Status LED
	Power button

Diagram 2 illustrates the headphone controls. The buttons on the right earpiece are used for media playback and telephony.

	Volume Up Button
	Multi-function Button
	Volume Down Button



Media Playback

Function	Action
Play or pause	Press the Multi-function Button once.
Play next track	Press the Multi-function Button twice in quick succession. <i>Note: functionality dependent on source device.</i>
Play previous track	Press the Multi-function Button three times in quick succession. <i>Note: functionality dependent on source device.</i>
Increase Volume	Press the Volume Up Button. Holding the Volume Up Button will continue to increase the volume until it is released or the maximum volume is reached.
Lower Volume	Press the Volume Down Button. Holding Volume Down Button will continue to decrease the volume until it is released or the minimum volume is reached.

Telephony

Function	Action
Answer an incoming call	Press the Multi-function Button once.
End a call	Press the Multi-function Button twice.
Decline an incoming call	Hold the Multi-function Button for 2 seconds.
Switch between two calls	With two calls active, press the Multi-function Button once.

2.2 Status Indicator

The status LED indicator is located on the left earpiece, the table below explains the illumination states:

Illumination	Operational state
Green	Headphone on and battery charge >30%
Amber	Headphone on and battery charge between 30% and 10%
Red	Headphone on and battery less than 10%
Green Flashing	Headphone charging
Red Flashing	Battery level insufficient for operation
Blue Flashing	Pairing mode enabled
Blue	Pairing successful
White Flashing	Incoming call

Note: The LED states are not shown when the headphones are worn.

3. Intelligent Features

3.1 Environmental Controls

Active Noise Cancellation

Active noise cancellation is a series of advanced technologies that aids in removing undesired noise from the surrounding environment. The headphones use multiple microphones to pick up noise and the advanced audio processing can cancel out ambient sound for a more comfortable listening experience.

Note: Active noise cancellation requires a good seal between the headphones and your head for optimal performance. Removing one ear cup will stop the noise cancellation from working.

Ambient Pass-Through

The headphones also feature an ambient "Pass-Through" mode, which allows in some external sound from the surrounding environment, allowing safety announcements or conversations to be heard without taking the headphones off.

By default, the Quick Action button on the left earpiece will cycle through the following modes, but the button can be customised from the Bowers & Wilkins Music app. When set to environmental controls the Quick Action Button will cycle through the following configurations:

- Noise Cancelling On.
- Pass-Through On.
- Noise Cancelling and Pass-Through Off.

3.2 Voice Assistance

Your connected device's voice assistant can be assigned to the Quick Action button on the left earpiece from the Bowers & Wilkins Music app. See Diagram 2 for button locations and section 6.2.5 on using the Bowers & Wilkins Music app.

3.3 Wear Sensors

Power saving

The headphones incorporate our latest enhanced wear detection sensors in both earpieces enabling intelligent battery conservation by pausing media playback and entering low power standby mode when removed from the head. When worn again, the headphones automatically wake and connect to the last connected Bluetooth device.

Playback Control

During media playback, the headphones will automatically pause when either earpiece is lifted from the ear. If playback has been paused, placing the earpiece back on the ear will resume playback

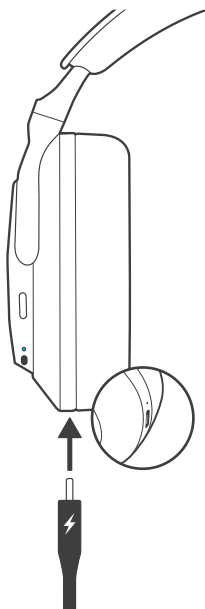
Note: The wears sensor can be enabled / disabled and changed in sensitivity within the Bowers & Wilkins Music App.

4. Battery Charging and Power Saving

Your headphones come with the battery partially charged and may be used immediately. For best practice we recommend you fully charge the headphones before first use. Please allow up to 2 hours to fully charge. The headphones can be used while charging.

To charge:

- Use the supplied USB-C cable and connect one end to a USB power source.
- Connect the other end of the cable to the USB-C socket on the headphone's left earpiece.



5. Bluetooth Connectivity

We recommend adding your headphones to the Bowers & Wilkins Music app. This allows you to configure your headphones in detail and provides helpful hints and tips to make the most of your new headphones. The Bowers & Wilkins Music app can also assist in pairing the headphones to your source service for audio playback. Please refer to section 6 for details on using your headphones with the Bowers & Wilkins Music app.

5.1 Pairing

Your headphones are designed to stream media wirelessly from Bluetooth audio devices, such as smartphones, tablets or personal computers. To do so, the headphones and source audio device must first be paired.

When you first receive your headphones, they will be ready to pair to any Bluetooth audio device. Simply turn on the headphones and they will enter Bluetooth pairing mode and start the pairing process. The status LED indicator will flash blue to indicate pairing mode is enabled.

To manually enable pairing mode (e.g. to pair a second device), slide the power switch to the upper position and hold for 5 seconds. The status LED indicator will flash blue to indicate pairing mode is enabled.

Note: To conserve power your headphones will exit pairing mode if no device has been paired after 2 minutes. Simply repeat the relevant steps below to pair subsequent devices.

5.1.1 Apple iPhone

We highly recommend installing the Bowers & Wilkins Music app, which will guide you through the pairing process, as well as allowing you to configure your headphones in detail. Please refer to section 6 for details on using your headphones with the Bowers & Wilkins Music app.

1. Place the headphones no further than 10 cm (4 inches) away from your source device and ensure its Bluetooth connection is enabled.
2. Open the app and follow the instructions to link your headphones to the app (refer to section 6 below if necessary).
3. During the process of connecting your headphones to the app for the first time, you will be prompted to pair the headphones as an audio accessory. Tap on the confirmation popup to complete the pairing process.
4. If the headphones are not being worn, the status LED will change to solid blue momentarily to indicate pairing is successful.
5. If the headphones are worn, they will play a tone to indicate pairing is successful.

To pair your headphones without using the Bowers & Wilkins Music app, follow the instructions in section 5.1.2 below.

5.1.2 Mac / PC / Android / Other Devices to pair your headphones:

1. Place the headphones no further than 10 cm (4 inches) away from your source device and ensure its Bluetooth connection is enabled.
2. Ensure the headphones are in pairing mode (see section 5.1 above).
3. Go to the Bluetooth pairing menu of your source device and select Px8 S2 from the device list. If multiple devices are listed, select the one with the headphones icon.
4. If the headphones are not being worn, the status LED will change to solid blue momentarily to indicate pairing is successful.
5. If the headphones are worn, they will play a tone to indicate pairing is successful.

Note: On Windows devices your "Px8 S2" will appear as two Bluetooth audio profiles; Stereo (default) and Hands-Free (for telephony). The Hands-Free profile will automatically be used when making or receiving a call (e.g. Teams, Skype, Zoom etc.). However, the system volume will remain controlling the previously selected device (Stereo profile by default). To change the volume of the headphones while on a call, use the application volume control or ensure the system volume control is set to control the Hands-Free profile.

5.1.3 Google Fast Pair

Your headphones can be paired to compatible Android handsets with Google Fast Pair. Simply turn on the headphones and bring them into close proximity of your compatible Android device and follow the on screen instructions.

5.2 Disconnect from a Device

You can quickly disconnect Px8 S2 from a device by turning them off. Slide the power switch down to the off position. An audible cue will be played and the LED indicator will turn off.

Alternatively, use your device's Bluetooth settings to select a new Bluetooth device or disable Bluetooth completely.

To stop Px8 S2 automatically connecting to your source device, the device must be deleted from the Px8 S2's paired devices list using the Bowers & Wilkins Music app; refer to section 6 below.

5.3 Multiple Bluetooth Connections

The headphones can be paired with up to two devices simultaneously but note that you can only play audio or take calls from one device at a time.

To switch playback between two connected devices:

- Pause audio on the first device or use the Play/Pause button.
- Play audio from the second device and the headphone will automatically switch over.

When streaming audio, receiving a call on the second device will automatically pause playback on the first device and the call will be routed to your headphones.

You can manage connections in further detail using the Bowers & Wilkins Music app.

6. Bowers & Wilkins Music App

We recommend pairing your headphones to your source device via the Bowers & Wilkins Music app.

The Bowers & Wilkins Music app is available for free on iOS and Android devices and provides extended setup and adjustments to features such as Active Noise Cancellation, Ambient Pass-Through and EQ settings. The app also provides further functions such as device naming, connection management and headphone software updates.

The Bowers & Wilkins Music App can be downloaded from the link below.



bowerswilkins.com/downloadapp

Once installed you will need to create a user account by following the onscreen instructions.

6.1 Adding your headphones

To pair your headphones with the Bowers & Wilkins Music App turn on the headphones and the app will automatically detect headphones that require setting up. Select your headphones and follow the instruction in the app. If the app does not detect the headphones, please ensure that the headphones are in pairing mode (see section 5.1 above).

During the process of connecting your headphones to the app for the first time, you will also be prompted to pair the headphones as an audio accessory. Tap on the confirmation popup to complete the pairing process.

6.2 Controlling Your Headphones

Commonly used features of your headphones are accessible directly on the app homepage:

- Battery status
- Environmental controls (Noise Cancellation, Pass-Through)
- Device connections

6.2.1 Headphone Settings Page

Other settings can be adjusted from the Settings page. Tap the icon at the bottom of the screen to enter the Settings page, then select your headphones from the list.

6.2.2 Environmental Controls

Set the desired environmental control from the following options:

- Noise Cancelling On
- Pass-Through On
- Noise Cancelling and Pass-Through Off

6.2.3 Advanced EQ

Use the sliders to customise the tone of your headphones.

Px8 S2 features a True Sound™ mode which bypasses any tonal customisation to deliver the audio as the artist and Bowers & Wilkins intended.

6.2.4 Paired Devices

Tap **PAIRED DEVICES** to view more detailed connection settings, including currently connected devices and previously paired devices. To delete a device from the list, tap the device and select **REMOVE DEVICE**.

The two most recently connected Bluetooth devices are shown in the Paired Devices shortcut buttons. The buttons will appear grey if not currently connected. Tap the buttons to attempt reconnection.

Once in the Paired Devices page, swipe a device left to delete a device from the list. Swipe a device right to make it the preferred device to connect to when the headphones are switched on.

Toggle Auto-connect to last device to prompt the headphones to connect to the previously connected device when they are switched on.

Tap **PAIR A NEW DEVICE** to place the headphones into Bluetooth pairing mode and pair them with a new device.

6.2.5 Quick Action Button

The left earpiece of your headphones features a button that provides quick access to commonly used functions. Customise the function of this button from the app.

Environmental Controls – each press of the Quick Action Button cycles through:

- Noise Cancelling On
- Pass-Through On
- Noise Cancelling and Pass-Through Off

Voice Assistant – press the Quick Action Button to activate your device's voice assistant.

6.2.6 Auto Standby

Toggle **Auto standby** on to place the headphones into a power-saving state after 15 minutes of inactivity.

6.2.7 Wear Sensor

Toggle **Wear sensor** on to enable intelligent playback control; lift an earpiece or remove your headphones to pause playback. Place them back on your ears to resume playback.

6.2.8 Streaming Quality

Set the streaming quality for playback when using **Mobile Data** or **WiFi**.

6.2.9 Rename product

Tap **Rename product** to choose a new Bluetooth name for your headphones. Note that devices already paired with the headphones may still reference the previous name.

6.3 Headphone Software Updates

Bowers & Wilkins will occasionally make available software updates that refine and optimise the performance of your headphones or add new features. We recommend installing updates whenever available to obtain the best experience with your headphones.

The Bowers & Wilkins Music app will notify you when a software update is available. Tap on the notification and then follow the in-app instructions.

7. Media Streaming Using a Wired Connection

7.1 Auxiliary Connection

In addition to Bluetooth, your headphones can also connect to audio sources using the supplied 3.5 mm audio or USB cables.

7.1.1 Connecting with the 3.5 mm Audio Cable

The 3.5 mm audio cable enables your headphones to be used with a device supporting an analogue output, such as a conventional headphone socket on aeroplanes, smartphones or a traditional hi-fi system.

1. Insert the supplied USB-C to 3.5 mm audio cable into the headphone's USB-C socket on the right earpiece.
2. Insert the other end into the appropriate socket on your device.
3. Your headphone will automatically disconnect from any Bluetooth devices.

Note: Your headphones must have sufficient charge and be switched on to play audio from an analogue source device. The volume and play/pause buttons will not function when you are using the 3.5 mm interface.

7.1.2 USB Connection

The USB connection enables your headphones to function as a USB sound output device when connected to a capable computer.

1. Insert one end of the supplied USB-C to USB-C cable into the headphone USB-C socket on the left earpiece.
2. Insert the other end into the appropriate socket on your computer.
3. The headphones will automatically disconnect from any Bluetooth devices.
4. Find and select your headphones from the computer's audio output control panel.

Note: The headphone battery will also charge when connected to a capable USB port.

Note: If using Mac and streaming over USB for the first time, go to Apple Menu > System Preferences > Sound > Output and select "Px8 S2 USB".

8. Resetting / Troubleshooting

8.1 Power Cycle and Reset

If your Px8 S2 headphones stop working, try powering them off, waiting 5 seconds and then power them back on. If the headphones remain unresponsive, try performing a factory reset as detailed in the next section.

Note: The reboot/reset process may generate noise in the headphones – do not wear during this process.

8.2 Factory Reset

Factory reset can be used to clear the product's paired device history and restore all settings to their defaults.

To factory reset your headphones:

1. Remove the headphones from your head and remove any cables from the headphones.
2. Slide the power button up and simultaneously press quick action button for 3s until the LED flashes amber.

If a factory reset does not resolve the issue, please try a reboot; this is described in the next section.

8.3 Reboot

If your headphones are unresponsive, to reboot your headphones:

1. Remove the headphones from your head and remove any cables from the headphones.
2. Slide the power button up and simultaneously press quick action button for 6s until the LED extinguishes.

9. Caring For Your Headphones

Your headphones and case can be cleaned by a soft, clean, damp cloth and gently dabbing until clean. Do not use cleaning detergents, rubbing alcohol, or chemical cleaners/polish, doing so may damage your product.

10. Service/Support

If you need help troubleshooting a specific problem or simply have a question you would like answered, please initially consult the Headphones Support section of the Bowers & Wilkins website: www.bowerswilkins.com.

Px8 S2 Over-Ear Noise-Cancelling Wireless Headphones

Technical Information



Technical Features

High-performance DSP with dedicated amplifier/DAC
True 24-bit audio connection
Five-band customisable EQ + TrueSound™ mode
Bluetooth 5.3 with aptX™ Lossless technology
Multipoint connectivity
Active Noise Cancellation (ANC)
USB-C charging and audio interface
Fast charging support
Apple MFi Made For iPhone® support
Google Fast Pair

Wearing Style

Over-Ear Noise-Cancelling Headphones

Bluetooth Codecs

aptX Lossless
aptX Adaptive
aptX HD
aptX Classic
AAC
SBC

Microphones

8 mics total - 4 mics per earcup

Voice Call Quality Algorithm

ADI Pure Voice

Drive Units

2 × ø40mm dynamic full range carbon driver

Battery Life & Charging

30 hours playback
15-minute charge for 7 hours playback

Accessories

1.2m USB-C to 3.5mm stereo jack audio cable
1.2m USB-C to USB-C cable
Carry Case

Weight (Headphone)

0.31 kg

Dimensions (Carry Case)

177 mm (w) × 60 mm (d) × 234 mm (h)

Finishes

Onyx Black
Warm Stone