LEWITT

LW6 Wireless Studio Headphones



LW6 starts a new era.

Since 2009, **LEWITT microphones and audio interfaces** help artists and producers achieve better sound.

You can hear LEWITT audio gear on Grammy-winning albums, including Bad Bunny's "Album of the Year" 2026 and Sabrina Carpenter's Best Pop Vocal Album/Best Pop Solo Performance" from 2025.

Now, together with your help, LEWITT launches its first headphones, which also are the first wireless ones fit for professional studio applications, **LW6**.





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- Product video with feature overview: https://youtu.be/szuY-FxTRRU
- Product page (live from 22nd Sep, 2026): https://www.lewitt-audio.com/lw6
- Links to assets (images, video, brand guide, logo and product assets) can be found here

Download the HEADPHONES desktop software for **Win** or **Mac.**

To get the unreleased iOS app, scan the QR code to download Testflight.

LW6 overview

Price

- USD 699.- / EUR 599.- / GBP 520.-

Applications

- Professional mixing and mastering
- Monitoring and recording

Connectivity

- LEWITT RealSound for uncompressed (1.728 kbps), ultra-low latency (<6ms) wireless audio
- Wired via USB-C or 3.5 mm analog jack
- Bluetooth 5.3 (SBC, AAC)

Audio and comfort

- Natural and transparent “open-back” sound
- Closed back design, 40mm dynamic driver, 32 Ohms
- Memory foam ear cushions, adjustable headband

DSP features

- Custom sound profiles via 5-band EQ
- Virtual studio monitors
- Loudness guard, Advanced monitoring, K-weighting, ...





Wireless for studio professionals.

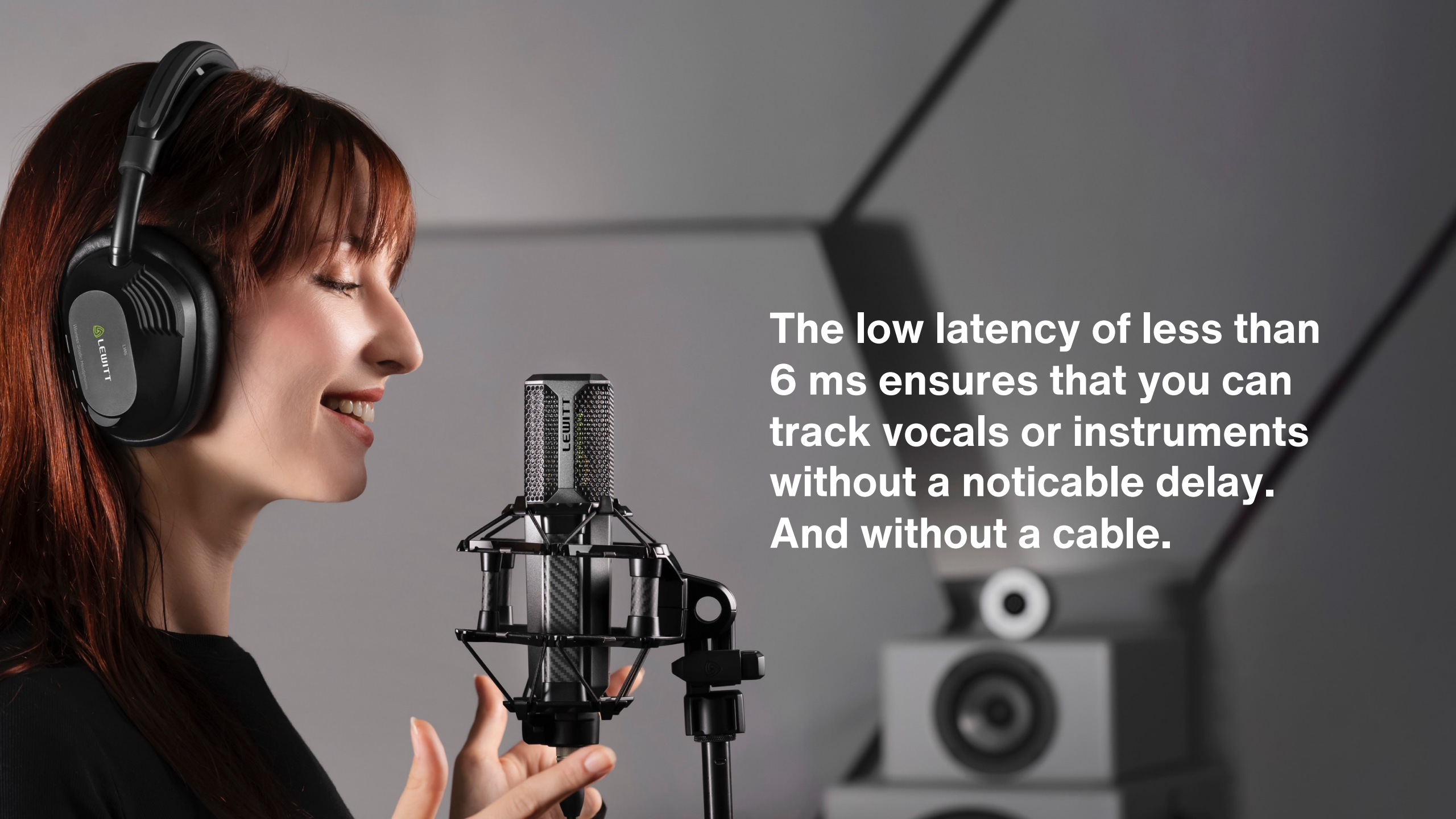
LW6 Wireless Studio Headphones are made for professional mixing and mastering, studio recording and monitoring. Set yourself free from the cable while enjoying premium sound quality.

Uncompressed wireless audio at ultra-low latency.

- Connect the RealSound transmitter wherever you’d connect your wired headphones.
- Get wireless and fully uncompressed audio at ultra-low latency of <6ms
- Uses the ultra-wideband range (6.8 - 10.2 GHz)




Move around your studio while monitoring and adjusting the microphone position without getting tangled up with your cable.
LEWITT
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LEWITT



The low latency of less than 6 ms ensures that you can track vocals or instruments without a noticable delay. And without a cable.

Premium sound - the best of both worlds.

LW6 combines the transparent and natural sound quality of open-back headphones with the great isolation of closed-back designs.

The transparent and natural sound is the result of LEWITT's enhanced measurement procedure using microphones in real ears. This ensures you will notice every detail with outstanding clarity and resolution when mixing and mastering.



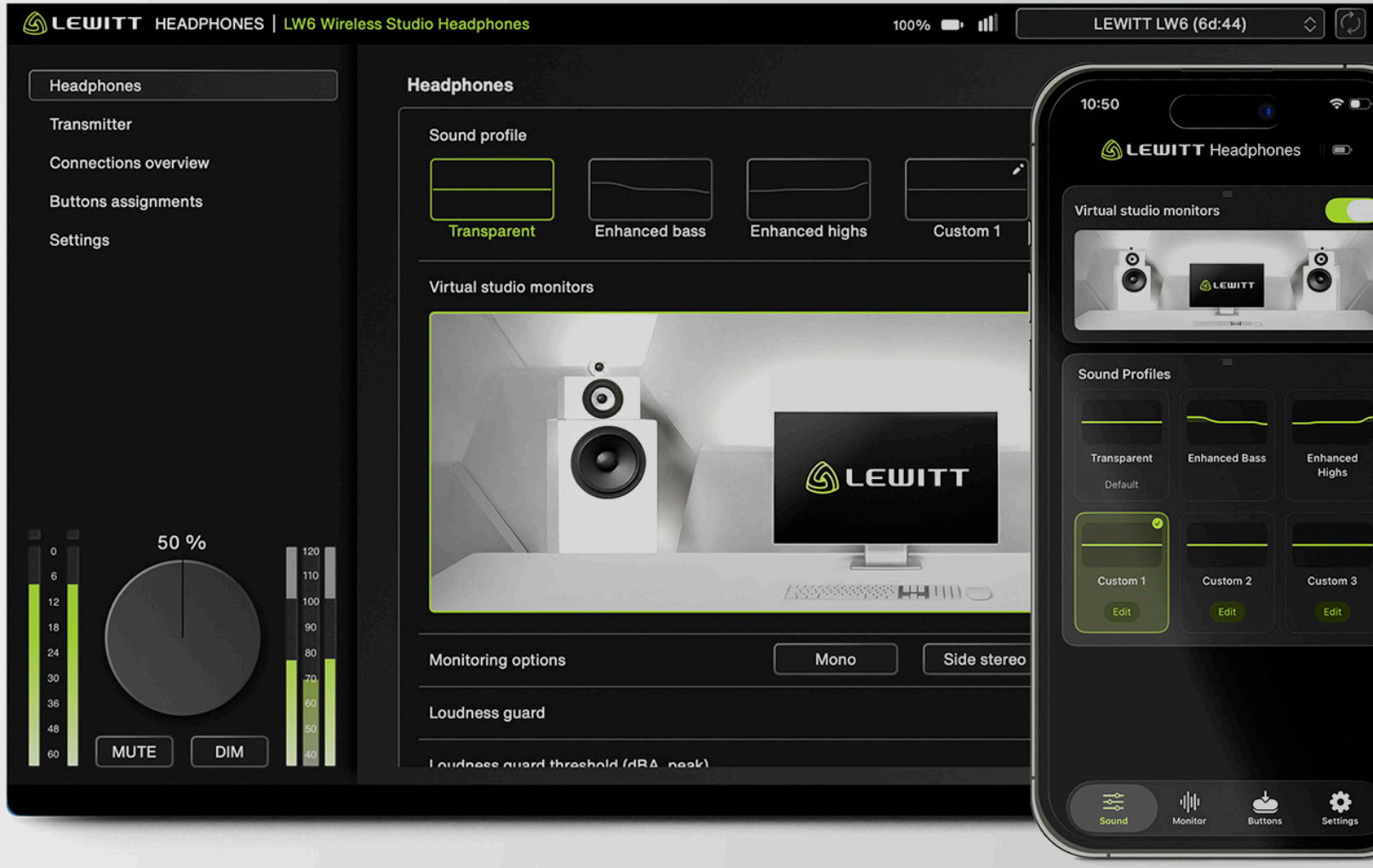
Ultimate comfort and playtime.

The earpads feature thick and comfortable memory foam for **reduced leakage and ideal passive isolation**. The adjustable headband further increases the high comfort and together with the battery life of up to 21h long sessions are guaranteed.



DSP features

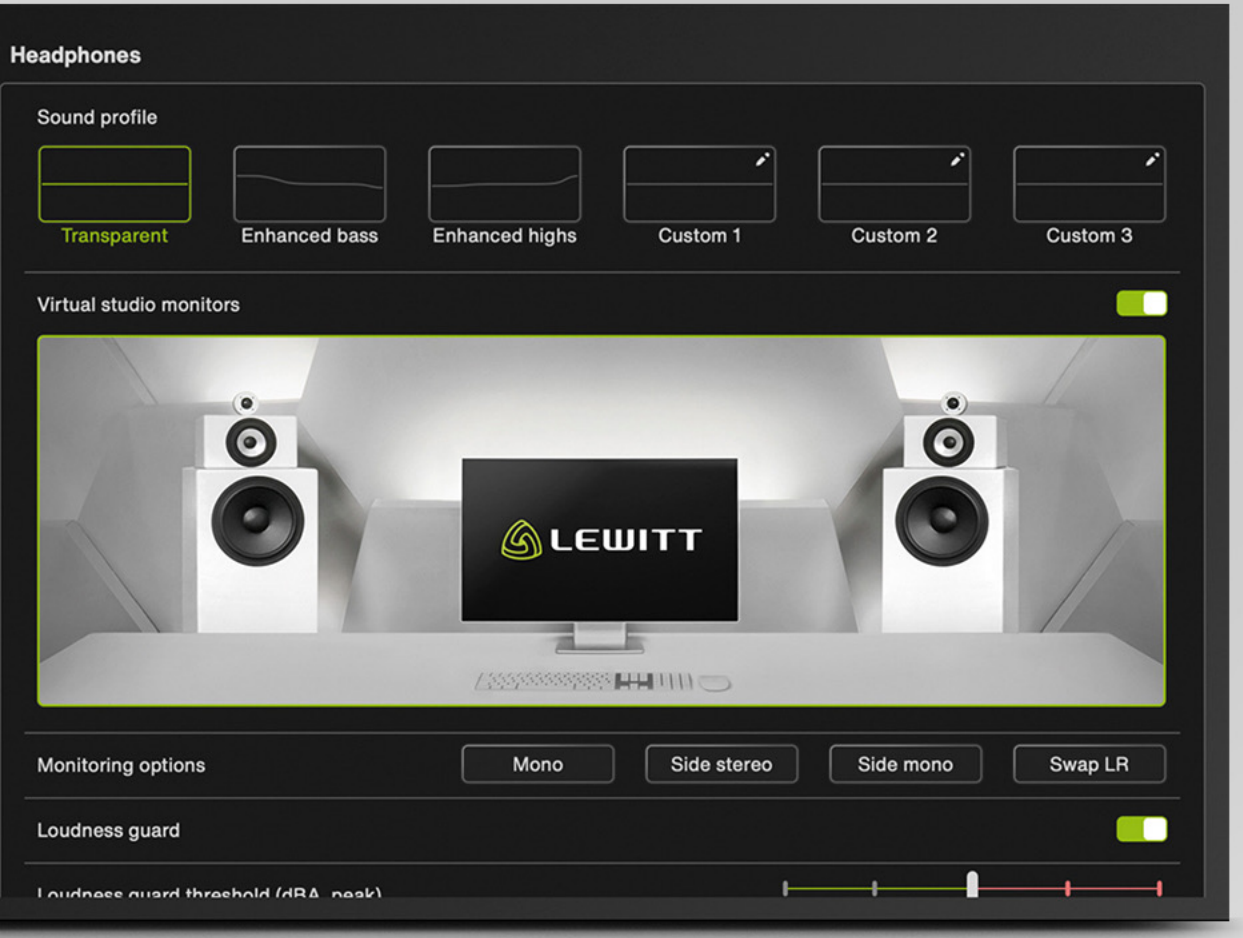
- Features run on the headphones, independent from software
- Full control via app and software
- Custom sound profiles
- Virtual studio monitors
- Loudness guard
- Advanced monitoring



Custom EQ sound profiles

Use the **5-band EQ** in the included HEADPHONES software/app to create your own sound profiles. Store them directly on the LW6 headphones and switch between them with a push of a button. No need to be connected to a host device while using the sound profiles.



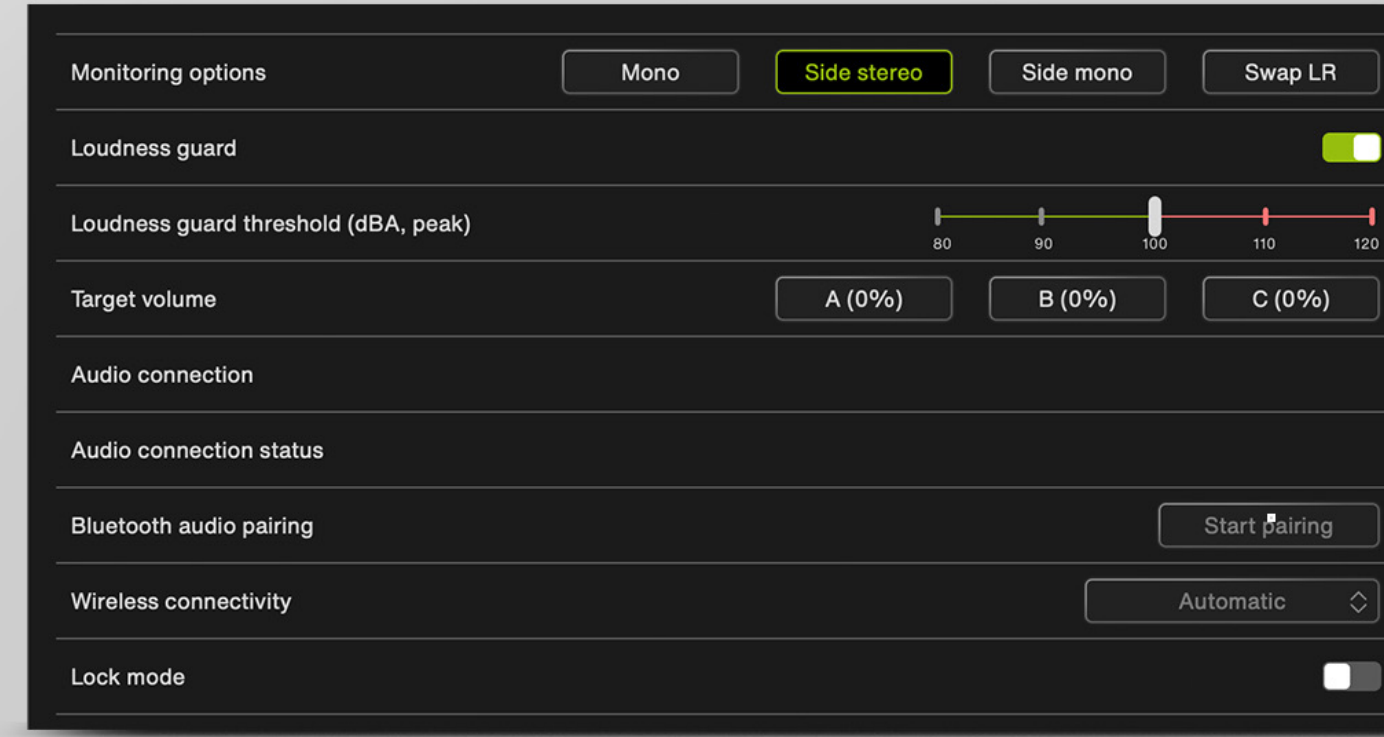


Virtual studio monitors

Enhance your stereo experience by simulating studio monitors in an ideal mixing room. Get quick access by assigning “Virtual studio monitors” to one of the custom buttons.

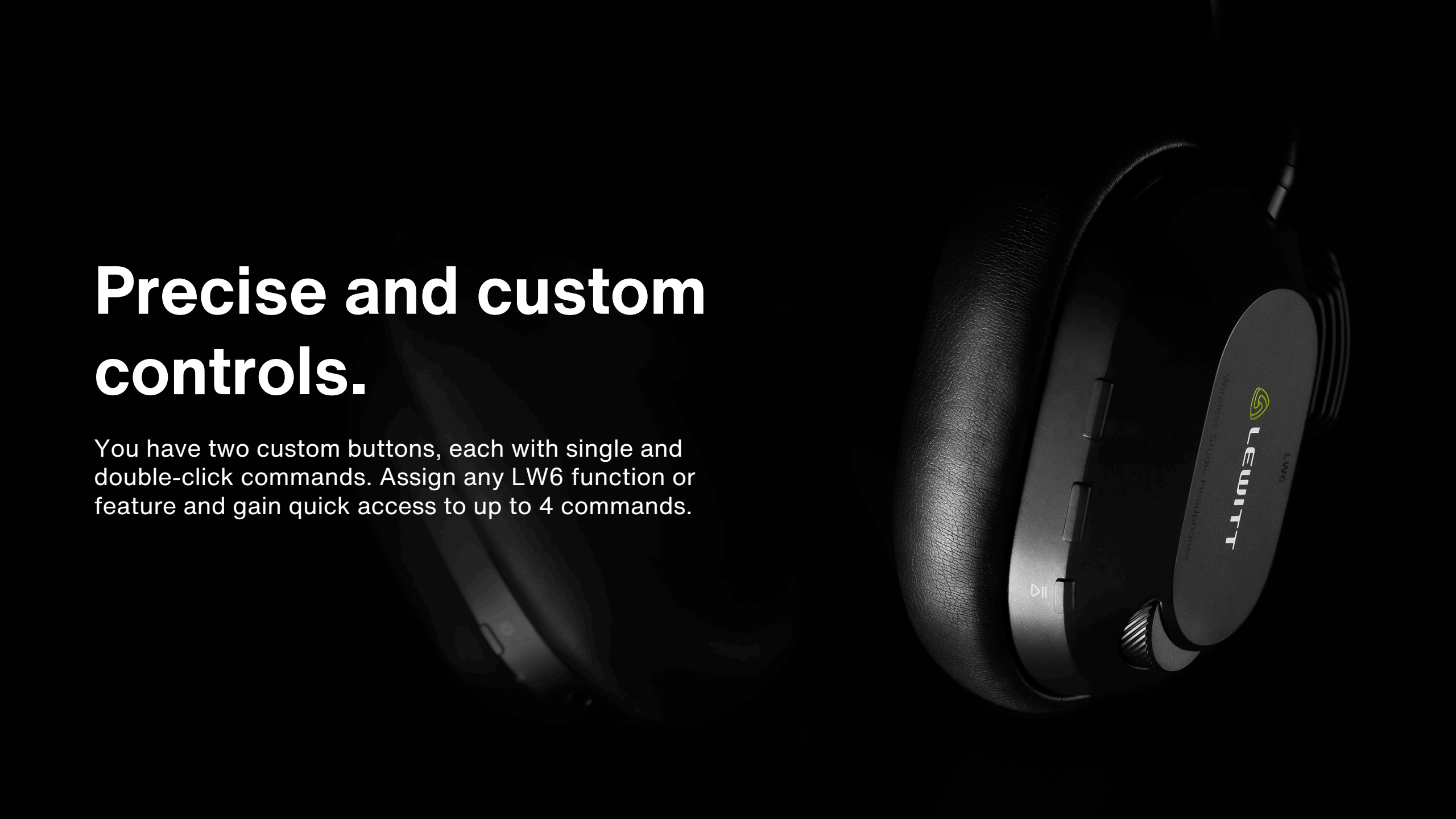
Loudness guard and advanced monitoring

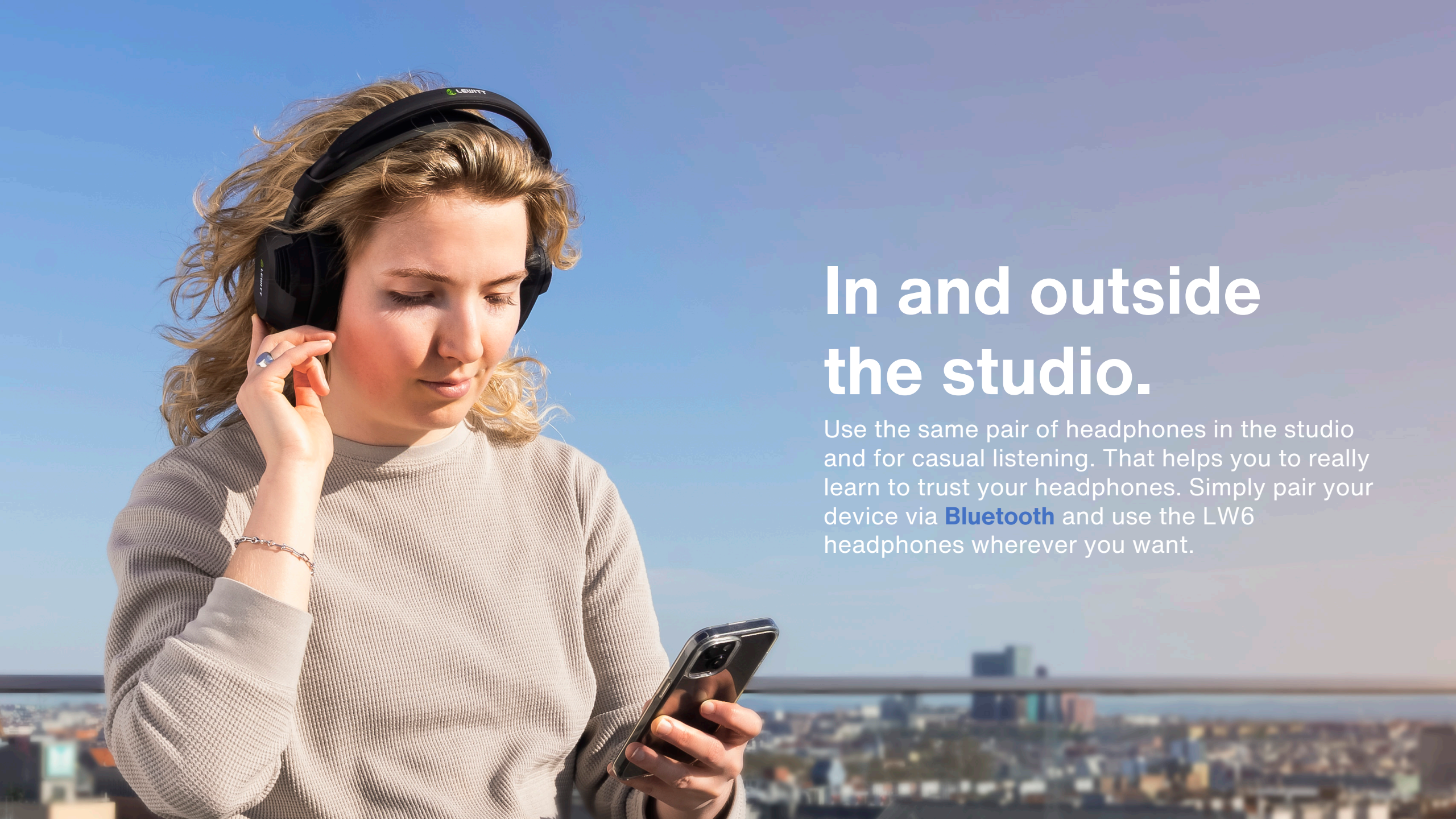
- Use the loudness guard to protect your hearing from dangerous high-level peaks
- Check your mixes via mono, side-stereo, side-mono, or left-right swap
- Define three target volumes for quick access
- K-metering for mastering and broadcast



Precise and custom controls.

You have two custom buttons, each with single and double-click commands. Assign any LW6 function or feature and gain quick access to up to 4 commands.





In and outside the studio.

Use the same pair of headphones in the studio and for casual listening. That helps you to really learn to trust your headphones. Simply pair your device via **Bluetooth** and use the LW6 headphones wherever you want.



Bundled with Space Replicator Essential for better mixes.

With LEWITT's Space Replicator Essential plugin, you can experience real spaces on your headphones as if you were there. Be it a million-dollar mixing studio, a club or a car. Perfect for mixing and mix translation checks. Of course, LW6 is optimized for perfect compatibility.

LW6 user interface

Power button
Long press: ON/OFF
Double press: Bluetooth pairing

Custom button A and B
Assign functions in the LEWITT HEADPHONES software

Lock mode
Press Custom Button A and B for 2 sec to lock all buttons (volume wheel not locked)



Status LED
White: RealSound
Blinking white: RealSound unable to connect
Blue: Bluetooth
Blinking blue: No Bluetooth device paired
Double blink blue: Bluetooth pairing
Green: Analog input
Purple: USB audio fully charged
Orange: USB audio / Charging
Double blink red: Low battery

Analog connector
3.5 mm cable jack

USB-C connector
Audio and charging

Volume wheel

Bluetooth controls
Single press: Play/Pause
Double press: Next song
Triple press: Previous song
Long press: Switch between RealSound and Bluetooth

Select audio source
USB or analog input

Signal LED
OFF: no signal
White: signal present
Red: input clipping



Status LED
White: USB input
Green: Analog input

USB input
Power and audio

Analog output
Connect another headphone



Analog input
Connect any audio source

How RealSound Wireless Technology works

The ultra-low latency wireless transmission of uncompressed audio is made possible via antennas on the LW6 wireless studio headphones and LW TX transmitter operating with ultra-wideband (UWB).



Please note

- The RealSound wireless technology works within a range of around 5 m.
- Do not cover the antennas on the headphones and transmitter for a stable signal.
- Obstacles between the headphones and transmitter may cause dropouts.
- For a reliable connection, the transmitter is best palced on a desk. It must not be positioned in a place higher than the headphone antennas.
- If you install the transmitter on the ceiling, mount it upside down.
- Find out how stable your signal is in the HEADPHONES software.

RealSound Wireless Technology setup

USB audio

1. Connect the transmitter to your computer via the USB-C cable.
2. Select “LEWITT LW TX” as your output audio device on your computer.

Analog input

1. Connect the transmitter to a computer or other power source via USB-C cable.
2. Connect your audio source to the transmitter’s analog input.

Once you connect a cable to the analog input, the transmitter prioritizes it over USB. Turn on your headphones and enjoy uncompressed wireless audio.

A steady-white LED on the power button indicates that you are in RealSound.

Bluetooth setup

To enter Bluetooth pairing, double press the power button. After successfully pairing, you can use the Bluetooth controls in connection with your paired device. For Bluetooth operation, the transmitter is not needed.

Switch between RealSound and Bluetooth
You can switch between RealSound and Bluetooth setup by long pressing the Bluetooth controls button or via the LEWITT HEADPHONES software.

Wired via USB-C/Analog

Connect the headphones directly via USB-C or a 3.5 mm analog cable with your audio source. In this setup, the transmitter is not needed.

Technical background

- The engineering challenge of achieving open-back sound in a closed-back design
- In headphones flat doesn’t mean uncolored
- LEWITT target and Dr. Sean Olive’s (Harman) target
- MIRE and what our target does differently
- Verfied by expert listening panels

The engineering challenge.

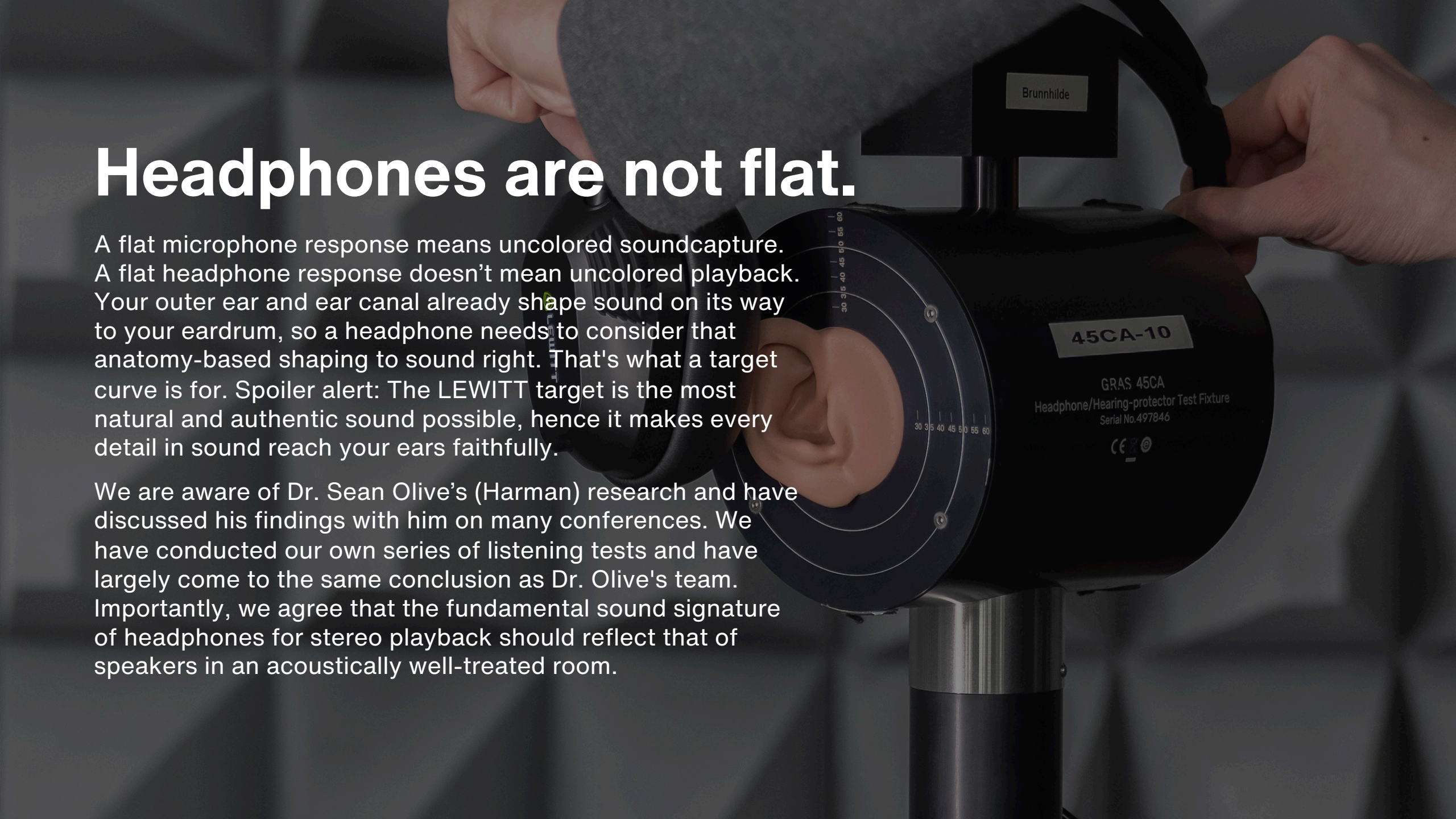
Our goal was to create headphones that sound perfectly transparent and detailed. We chose a closed-back design for the effective two-way sound isolation and the versatility it brings, from recording without bleeding into your vocal mic to mixing and listening without disturbing anyone around you. Now the challenge was to achieve the transparent, detailed, and natural sound commonly associated with high-end open-back headphones in our closed-back design.



Headphones are not flat.

A flat microphone response means uncolored soundcapture. A flat headphone response doesn’t mean uncolored playback. Your outer ear and ear canal already shape sound on its way to your eardrum, so a headphone needs to consider that anatomy-based shaping to sound right. That's what a target curve is for. Spoiler alert: The LEWITT target is the most natural and authentic sound possible, hence it makes every detail in sound reach your ears faithfully.

We are aware of Dr. Sean Olive’s (Harman) research and have discussed his findings with him on many conferences. We have conducted our own series of listening tests and have largely come to the same conclusion as Dr. Olive's team. Importantly, we agree that the fundamental sound signature of headphones for stereo playback should reflect that of speakers in an acoustically well-treated room.



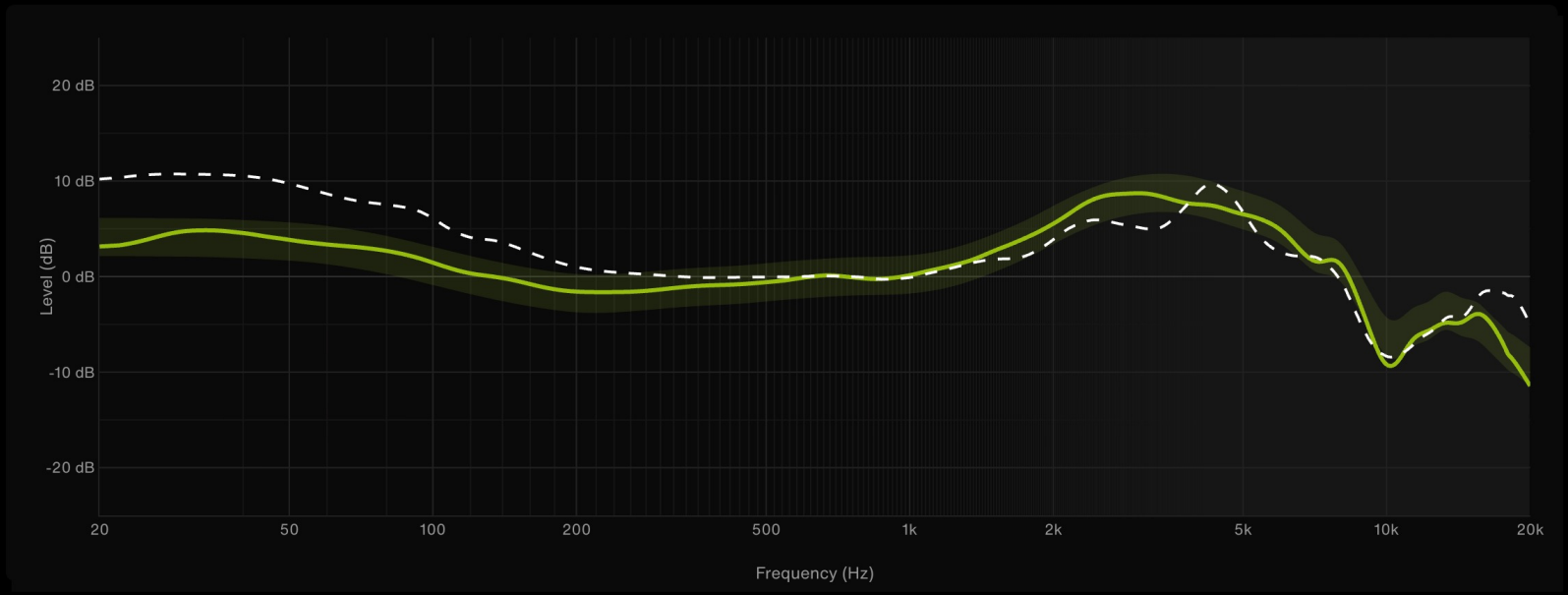
MIRE and what our target does differently.

Where the LEWITT approach differs is that we don't limit the results to filtering the frequency response of a specific pair of speakers in a specific room - something that is hard to reproduce if one does not have access to that same room but instead derive the results by referencing the diffuse-field transfer function.

The resulting curve is very similar, but the **LEWITT Target** is defined with a higher spectral resolution in the top two octaves. This is of course only valid for a specific set of test pinnae, hence why we also use the MIRE method (microphone in real ear) and measure our headphones on actual humans as well - because in the end, that is what matters.

LEWITT target for accurate sound reproduction.

The closer a headphone sits inside the green ±2 dB band, the less you color the sound and the more faithfully it reproduces the audio.
And this is exactly what you can expect from LW6.



Verified by expert listening panels.

We put the LW6 through several rounds of testing with our expert listening panel to verify that our approach yields the most accurate listening experience.

Now the LEWITT LW6 combines the transparency, the richness in details, and naturalness of open-backs with the great sound isolation of closed-back headphones. You truly get the best of both worlds.

LW6 specifications

Headphones

Features	RealSound Wireless Technology, Virtual studio monitors, Bluetooth audio, loudness guard, sound profiles, customizable EQ profiles, customizable buttons
Control	Volume wheel, on/off button, 2x customizable buttons
DSP powered	Yes
Connectivity	RealSound Wireless Technology, Bluetooth 5.3, USB-C, analog input 3.5mm
Type	Closed-back
Weight	358 g / 12.6 oz
Transducer Ø	Electrodynamic, 40 mm
Diaphragm	Bio-cellulose
Frequency range	20 Hz - 20 kHz
Max SPL	121 dBSPL at 50 Hz
Impedance	32 Ohm
Sensitivity	114 dBSPL/V at 1 kHz
Total harmonic distortion	THD at 94 dBSPL: 100 Hz (0.1%), 500 Hz (0.04%), 1000 Hz (0.06%)

RealSound

Latency (RealSound)	5.8 ms
Audio quality (RealSound)	Uncompressed PCM audio
Dynamic range	110 dB (A)
Audio data transfer rate (RealSound)	1728 kbps
Wireless frequency range (RealSound)	6.8 - 8.4 GHz (US/Canada: 7.6 - 9.1 GHz; Japan/South Korea: 7.2 - 10.2 GHz)
Range (RealSound)	5 m / 16.4 ft

Bluetooth

Bluetooth core version	5.3.
Supported Bluetooth codecs	SBC, AAC
Compatibility	Bluetooth 4.0 upwards
Range (Bluetooth)	~ 40 m / 130 ft
Wireless frequency range (Bluetooth)	2.4 GHz

USB input (headphones)

Connector	USB-C
Audio quality (USB-C)	Uncompressed PCM audio
Compatibility	MacOS, Windows, iOS devices with USB-C ports, Android, Nintendo Switch 2
ASIO driver	Yes
Sample rate	44.1 kHz, 48 kHz, 96 kHz
Bit rate	24 bit
USB Audio Class	2.0

Analog input (headphones)

Connector	3.5 mm / 1/8" jack
Dynamic range	113 dB (A)
Equivalent input noise	-105 dBV(A)
Maximum input level (typical)	8 dBV

LW6 specifications

Battery and playtime

Battery size	900 mAh
Battery type	Lithium-ion battery
Playtime	21 h (RealSound)
Charging time (full battery)	80 min
Charging time (3h playtime)	10 min

Transmitter

Control	1 x button
Inputs	1 x USB-C, 1 x analog input
Outputs	1 x analog output

USB input (transmitter)

Connector	USB-C
Compatibility	MacOS, Windows, iOS devices with USB-C ports, Android, Nintendo Switch 2
ASIO driver	Yes
Sample rate	44.1 kHz, 48 kHz, 96 kHz
Bit rate	24 bit
USB Audio Class	2.0

Analog input (transmitter)

Connector	3.5 mm (1/8") jack
Dynamic range	113 dB (A)
Equivalent input noise	-105 dBV(A)
Maximum input level (typical)	8 dBV
THD+N (1 kHz)	0.005%
Frequency response	3 Hz - 22 kHz (± 0.5 dB)

Analog output (transmitter)

Connector	3.5 mm (1/8") jack, stereo
Frequency response	20 Hz - 20 kHz (± 0.1 dB)
Max output level	-0.6 dBV
THD+N (1 kHz)	-94 dB
Output impedance	0.54 Ω

HEADPHONES software

Compatibility	macOS, Windows
Min. system requirements	Windows 10 and newer, macOS (Intel and Apple silicon) tested from macOS 12 upwards
Connectivity	Bluetooth 4.0 and upwards, USB

HEADPHONES mobile app

Compatibility	iOS, Android
Min. system requirements	iOS 17 or higher, Android 10 or higher
Connectivity	Bluetooth 4.0 and upwards

LEWITT

Audio gear for better sound.

