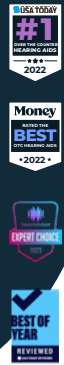




Lexie B2 Plus Powered by Bose Self-fitting OTC Hearing Aids

Technical Datasheet



Rechargeable, receiver-in-canal, self-fitting OTC hearing aids that can be personalized to your needs.

They are FDA-regulated and pair with the Lexie app, the first self-tuning mobile app that's clinically proven to provide audiologist-quality customization.

Product Features

FDA Indications of Use	Self-fitting OTC Hearing Aid
Type	Receiver-in-canal (RIC) Behind-the-ear (BTE) Air conduction
Colour	Light gray
Battery Type	Rechargeable (hearing aids and case) Lithium-ion
Expert Remote Support	Customer Services and Support Contact : (800) 499-1336 Monday - Sunday 9am - 8pm EST
Remote Hearing Aid Adjustments	No
App Required	Yes
Customize to Unique Hearing Preference	Yes, including an in-situ hearing test
Different Listening Programs/Environments	4 Preset, Additional 5th preset when recommended settings applied following in situ hearing test 10 Custom
Feedback Control	Yes
Noise Reduction	Active, adaptive Including impulse noise reduction
Memory Recall Function	Yes
Wind Suppression	Yes
Maximum Output Limiting	Yes
Streaming	Streams calls for iOS® and Android™ devices. Streaming functionality is designed for phone calls. While music and media streaming is possible, it is not optimal.
Dual-direction Microphones	Dual microphone options: - Omni directional mode - Fixed directional mode
Channels	12
Prompts & Warnings	Yes. Volume changes, program changes and low battery
Ear-to-ear Synchronization	Yes. Via Lexie app for volume and listening modes Yes. Via manual control on back of device - volume only Phone call streams to both devices
Compression	Wide Dynamic Range Compression (WDRC)
Processing	Digital
Data Logging	Yes
Ingress Protection Rating	57
RIC Wire	Right and left ear specific and replaceable. Pre-assembled with size 2. Shorter size 1 and longer size 3 available
Domes	Replaceable, open and closed sized domes in small, medium and large. Pre-assembled with medium open dome
Telecoil Compatible	No
Compatible Accessories	No

Operational On-device Features

On/Off Switch	Yes. Long press of the World Volume button on the back of each hearing aid. Alternatively, when placed in charging case the device will automatically switch off
Power On/Start Delay	3 seconds to pair + 6 seconds to switch on = 9 second delay
Volume Control	Yes. Rocker switch. Single function: Up for louder, down for quieter. Devices synchronized, so only need to adjust one device
Volume Range	0-100 visible in the app. Every manual change relate to 5 steps within the app
Program Switch	No. Change programs via Lexie app only
Charging Contacts	Magnetic, at bottom of each device. Makes contact with magnetic ports in charging case

Operational In-app Features

Onboarding	Yes. Download Lexie app through Google Play or Apple Store
Volume Change	Yes. Adjust both hearing aids simultaneously
Volume Range	0-100 visible in the app. Every manual changes via the control button on the hearing aid relates to 5 steps within the app
Program Change	Yes. Adjust both hearing aids simultaneously
Additional In-App Adjustments	World Volume - Increase and decrease volume Treble/Bass - Sound quality adjustments Sound Balance - Sound balance between Right and Left devices Mute microphones Microphone Directionality - Omni & focused Mute Microphone Create up to 10 individual programs Connect to 20 other devices such as phones or tablets
Support access	Yes. Phone and video call to Lexie Experts®
Battery Level Indicator	Yes
Rewards Program	Yes. Activity goals only, not wearing goals
Purchases	In-app purchases of consumables via App

Technical Specifications

Maximum Output (OSPL90)	113 dB SPL
High-Frequency Average (HFA) OSPL90	106 dB SPL
High-Frequency Average Full-on Gain (HFA-FOG)	30 dB
Reference Test Gain	29 dB
Maximum Gain	30 dB
Frequency Response Range	100 - 7000 Hz
Frequency Response Smoothness	10.6 dB
Recommended Fitting Range	Upper limit: 0dB between 200 - 8000 Hz Lower limit: 60 dB between 200 - 8000 Hz
Total Harmonic Distortion	2.5 %
Self Generated Noise	26 dBA
Latency	5.5 ms
Battery Drain Without Streaming	0.95 mA
Estimated Battery Life	16-18 hours (without streaming)
Insertion Depth	11.3 mm

* Technical specifications are typical

Packaging Specifications

SKU	LBS00001B2PLS
GTIN	00850022464973
Quantity	1 Box with a pair of hearing aids
Type	Pair
Height	2.91 inches
Width	5.11 inches
Depth / Length	4.78 inches
Unit of Measure	Inches
Weight	11.42 oz
Unit of Measure	Ounces

What's In The Box	2 x Lexie B2 Plus hearing aids Powered by Bose (Pair) Pre-fitted size 2 RIC wires 1 x Charging Case 1 x Charging Cable 1 x User Manual 1 x Quick Start Guide 1 x Warranty Card 3 x Pairs of open domes 3 x Pairs of closed domes 1 x Hearing aid brush 1 x Wire sizing/ ear measurement tool 1 x Wax guards (8 per pack)
-------------------	---

Charging Features

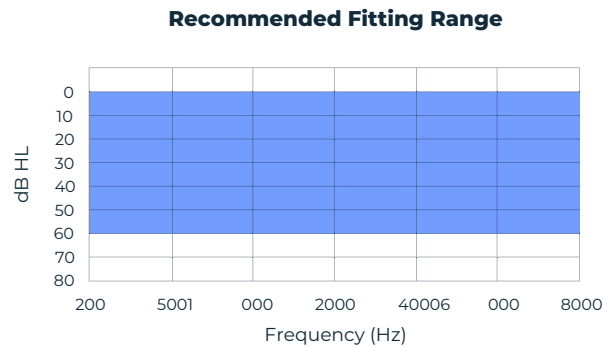
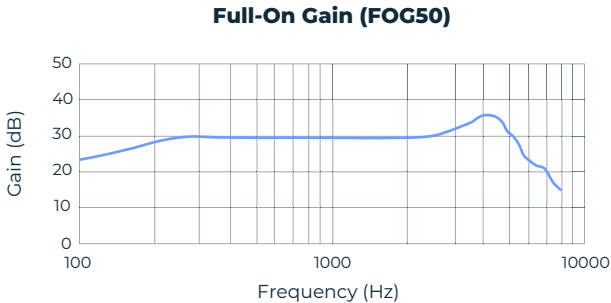
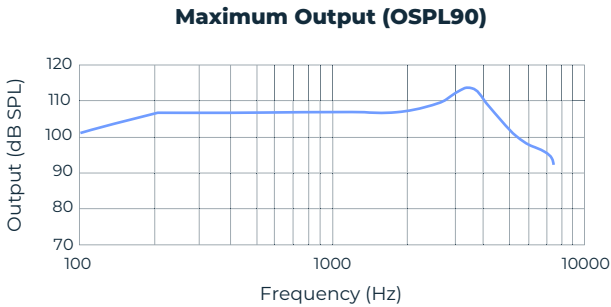
Estimated Charging Time	3 hours for hearing aids and 3 hours for the rechargeable hearing case
Charging Status Indicators	Lights located inside the charging case. Blinking = busy charging Solid = fully charged
Charging capability of case	Rechargeable case can charge the hearing aids once without being connected to a power source
Volume Control Cable Type	USB type-C

Usage Warning

These hearing aids are only for users who are 18 years and older.

These hearing aids compensate for perceived mild-to-moderate hearing impairment. A younger person with hearing loss should see a licensed physician, preferably an ear specialist, for diagnosis of potential associated medical conditions. Furthermore, children should receive a formal hearing evaluation and rehabilitation since hearing loss may cause problems in language development, and educational and social growth of a child.

This hearing aid should not cause pain when inserting it. Remove this device from your ear if it causes pain or discomfort when inserting or placing it. To try again, make sure to follow the instructions. If you feel pain or discomfort again, contact the manufacturer. You may also report this to the FDA as an adverse event according to the instructions that appear later.



*Fitting range is subject to change due to person-to-person differences as well as their optimal RIC wire and dome selection.

