

BrainBit Headband: Gen 1 vs Gen 2

Which version fits your needs?



Which BrainBit Headband is right for you?

Both BrainBit Headbands provide 4-channel EEG recording and work with the BrainBit software ecosystem.

The main differences are electrode design, usability, hardware generation, and SDK support.

Gen 1 - Short-pin electrodes

A proven and cost-effective option for existing workflows and customers who don't require the latest SDK.

\$399 SALE · ~~\$499~~



Gen 2 - Long-pin electrodes

The current generation, designed for better contact through different hair types and recommended for new software development.

\$499



What's the difference?

Gen 1 - Short-pin electrodes

Short pins
Short / thin hair
Less pressure on the scalp
May require more adjustment with thick hair
Less visible
Previous generation
SDK 1
Not recommended

Electrodes
Best suited for
Comfort
Contact through hair
LED indicator
Hardware
SDK
New app development

Gen 2 - Long-pin electrodes

Long pins
Most hair types, especially long / thick hair
More pressure may be noticeable during longer sessions
Easier contact through long or thick hair
Easier to see
Updated electronics & connectivity
SDK 2 - current platform
Recommended

In short: Gen 1 is a great choice when it already covers your needs. Gen 2 offers greater versatility and is the better foundation for new development.

Which one should I choose?

Choose Gen 1 if you:

- ✓ Have short or thin hair
- ✓ Plan to use existing compatible BrainBit software
- ✓ Need EEG for neurofeedback, research, observation or personal use
- ✓ Do not need the latest SDK for development
- ✓ Want a proven Headband at the best current price



Gen 1 is not an obsolete product.

For many professional and personal EEG applications, it provides everything you need.

Choose Gen 2 if you:

- ✓ Have long or thick hair or need a Headband suitable for a wider range of users
- ✓ Are starting a new software or product development project
- ✓ Need the current BrainBit SDK 2
- ✓ Want the latest BrainBit hardware platform
- ✓ Plan to use solutions that specifically require Gen 2



For developers and companies building new applications, we recommend Gen 2.

Software for your BrainBit Headband

BrainBit software

NeuroFit PRO

Professional neurofeedback software for practitioners, psychotherapists and specialists.

NeuroRec

EEG recording, visualization and analysis for professionals, researchers and users who want to observe brainwave activity.

EEG Waves

A mobile app for viewing EEG rhythms and exploring brain activity in real time.

BrainBit Neurofeedback App

Mobile neurofeedback training for professional and personal use.



Partner solutions

Some partner solutions require BrainBit Headband Gen 2.

BrainAssistant + BrainBit Headband

Brain-training and neurofeedback solution.

Gen 2 required

Attune + BrainBit Headband

Integrated BrainBit partner solution.

Gen 2 required

Quick recommendation

You don't always need the newest generation. You need the right one.

Choose Gen 1

if you want a reliable BrainBit Headband for existing EEG and neurofeedback workflows and **don't need SDK 2.**

SALE - \$399 ·
\$499

Choose Gen 2

if you need better contact through longer or thicker hair, are developing a **new application**, or require **the current SDK 2 ecosystem.**

\$499

Still not sure?

Tell us how you plan to use your BrainBit Headband, and our team will help you choose the right version.

Get in touch:

info@brainbit.com

