BRAINVISION engineering LIVEAMP

BRAIN VISION
Solutions for neurophysiological research

Compact wireless EEG amplifier

- Available with 8, 16, 32 or 64 channels
- Outstanding signal quality
- Ultra lightweight and compact
- Flexible and expandable
- Integrated accelerometer
- Electrode options:
  passive - active - active dry - sponge - solid gel

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Technical specifications

✓ Wireless amplifier

✓ Range: up to 30 meters

✓ Stream data or store on SD card

✓ Referential EEG channels only
or referential EEG + 8 bipolar channels

✓ Compatible electrode types:
passive - active - active dry - sponge - solid gel

✓ Sensor extension options available

✓ Sampling rate: up to 1000 Hz

✓ A/D conversion: 24 bit

✓ Operating range: ±342 mV

✓ Resolution: 40.7 nV per bit

✓ Noise: less than 2µVpp from 0.01–65 Hz

✓ CMRR: more than 80 dB (at 50/60 Hz)

✓ Built-in 3-axis accelerometer

✓ Built-in TTL Trigger

✓ Wireless Trigger available:
option for wireless recording of event markers in EEG data

✓ Uninterrupted recording time:
4 hours (can be extended to over 16 hours)

✓ Weight: less than 60 grams

✓ Dimensions: approx. 83 x 51 x 14 mm

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