



Neuralynx

advanced electrophysiology solutions

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LabLynx™ truly portable digital data acquisition system

LabLynx is a full-featured Neuralynx data acquisition system with up to 256 channels of wide bandwidth neural recording.

Perfect for new or established labs, LabLynx transmits recorded signals wirelessly to the acquisition computer. AC powered, or use internal battery to make the system truly portable. With its small size and minimal setup requirements, LabLynx is easily moved between experiment locations – use in the lab and in the classroom!



Features:

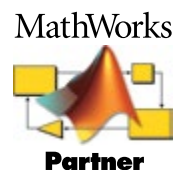
- 16 - 256 channels
- Includes Cheetah Software
- Record from up to 4 Digital Headstages
 - **HS-16-mux:** 16 channels
 - **HS-32-mux:** 32 channels
 - **HS-64-mux:** 64 channels
- Wireless integration into the recording environment
 - 10 meters transmission range*
 - Portable & adaptable
- Digital I/O for experiment control

Specifications

Resolution	16 bit
Sample Rates	up to 30 kHz per channel
Frequency Range	0.1 Hz - 8 kHz from each electrode
Input Range	+/-5 mV
Low Noise	< 2.5 μ V RMS (input referred)
Power Source	AC or rechargeable battery
Battery Run Time	6-10 hours

* Wireless transmission range is dependent on environment.

Very flat frequency response extends from 0.1 Hz to 8 kHz from each electrode to accurately record both low-frequency Alpha and Theta oscillations, and high-frequency Single Unit Action Potentials.



REQUEST A QUOTE

quotes-research@neuralynx.com