

## LabLynx™ low cost, 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:

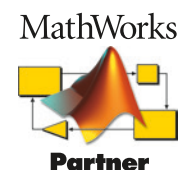
- 16 - 256 channels
- Includes **Cheetah** Software
- Record from up to 4 Digital Headstages
  - **HS-16-mux**: 16 channels
  - **HS-32-mux**: 32 channels
  - **HS-64-mux**: 64 channels
- Wireless integration into the recording environment
  - 10 meters transmission range\*
  - Portable & adaptable
-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

\* Wireless transmission range is dependent on environment.

### Specifications

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

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.



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Ask about our **System Maintenance Plan**.

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