



# NeuroWare

Data Acquisition Software for Neuroscience Research Applications

## FEATURES

- » Obtains up to 64 channels of data from TBSI neural recording systems (W/M/T-Series)
- » 30kHz DAQ sampling per channel
- » Multiple real-time waveform displays for convenient channel comparison
- » User-customizable spike, LFP and notch filtering options
- » Audio output for headstage channels
- » Selectively record channels with option for channel labeling
- » Automatic or manually adjustable single or dual spike threshold detection
- » Records up to 24 TTL events and one analog signal in addition to headstage channels
- » Selectable software reference subtraction for individual channels
- » Convenient file output formatting (.nex, .txt, .edf)



Receiver



W-Series Headstage

NeuroWare  
Data Acquisition Certified

## PRODUCT DETAILS

Capable of recording, filtering and sorting up to 64 channels of headstage data simultaneously, NeuroWare<sup>®</sup> is your solution for real-time waveform viewing and identification. It features comprehensive tools to enhance your neural recording experience, including a variety of data displays, digital filtering options, spike detection and sorting, individual channel referencing, and more.

NeuroWare<sup>®</sup> was designed to be used seamlessly with our tethered or wireless recording hardware. The program interfaces solely with TBSI's optional data acquisition board, which may be installed inside any of our recording system base stations to enable digital data output. The recording system transmits the digitized data to your computer via a USB cable, simplifying the integration process between hardware and software. Data obtained with NeuroWare<sup>®</sup> can be synchronized with the analog and digital data inputs supplied on the recording receiver as well as with LED tracking data obtained with our video acquisition program, OptiMap<sup>™</sup>.



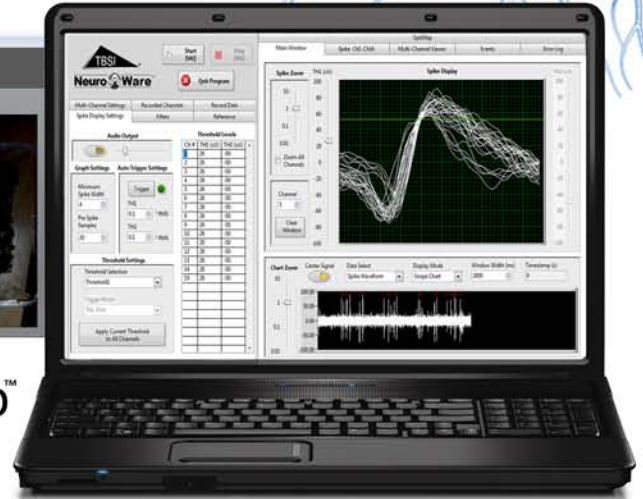
Wireless and Tethered Recording Headstages

**DATA ACQUISITION**

- » **NeuroWare®** provides user-customizable digital filtering & referencing, spike triggering & multiple data viewing options
- » **OptiMap™** provides real-time & offline LED tracking, time-saving post-processing functionality and option for data synchronization with NeuroWare™ data sets
- » **Receiver internal DAQ** provides up to 24 TTL event inputs & one analog data input, synchronizable to headstage data in NeuroWare®



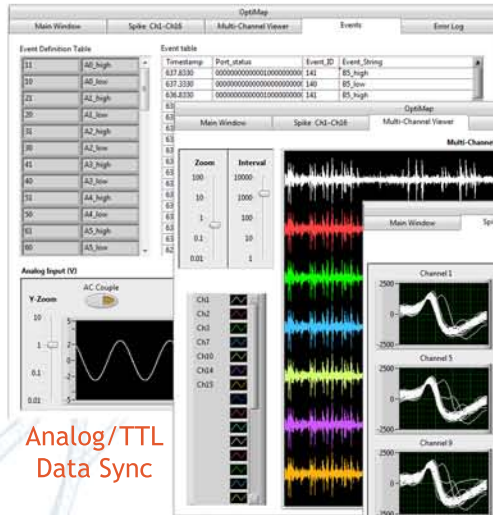
**OptiMap™**  
Video Tracking Software



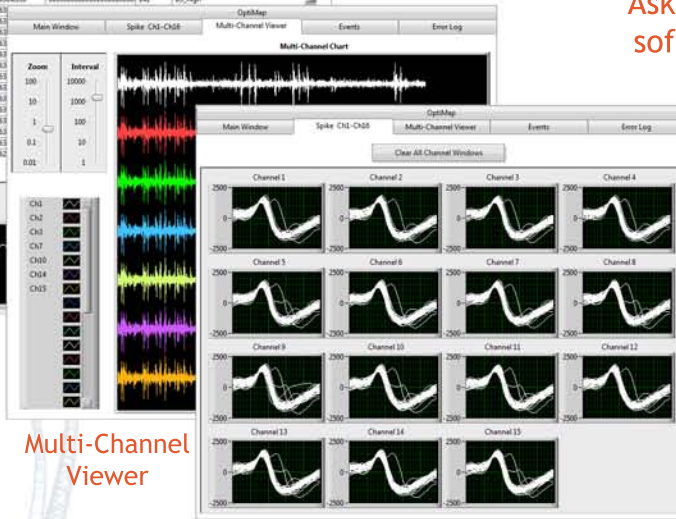
**NeuroWare**

Data Acquisition Software

Ask us about our free hardware and software recording demonstration!

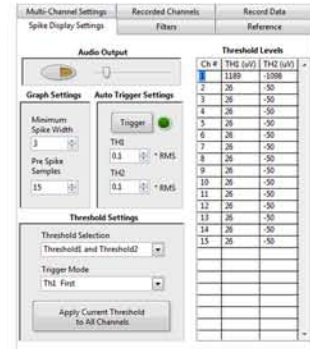


Analog/TTL Data Sync



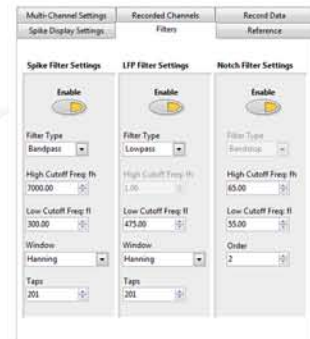
Multi-Channel Viewer

Spike Channels Viewer



Spike Trigger Control

Receiver Back View



Adjustable Filters