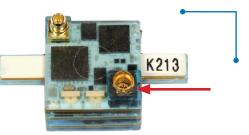




## W2100-HS16-ES2-EXT-0.5mA

W2100 Headstage with two external Stimulation Sites for Electrical Stimulation



**W2100-HS16-ES2-EXT** top side Please use the connector for the storage battery in the lower right for orientation of the headstage.

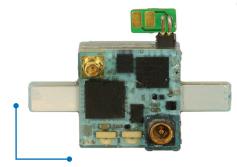


Connectors for external stimulation (Stim 2 + Stim 1)

Connector from Mill-Max 1 mm Pitch 861-13-050-10-002000 + Magnet cuboid Maqna QA-3x1x1-N45-N on the headstage mates with Mill-Max 860-10-050-10-002000 + Magnet cuboid Maqna QA-3x1x1-N45-N.



- The headstage is equipped with two external channels for electrical stimulation.
- The signal-to-noise ratio is excellent and most important, independent from the distance between sender and receiver.
- The headstage is additionally equipped with a triaxial gyroscope and a triaxial accelerometer by default.



Gyroscope and Accelerometer

The W2100 headstage is equipped with triaxial gyroscope and accelerometer sensors, which allow synchronisation with electrophysiological data.

## Applications

The W2100 headstage is the ideal solution for the measurement of spikes, LFP, EEG, ECG, EMG, and ECoG. Additional inputs to the interface board allow the synchronization of the data with external devices. Use the two external stimulation channels for recording and electrical stimulation simultaneously.

Multi Channel Systems MCS GmbH Aspenhaustrasse 21 72770 Reutlingen Germany W2100-B-300mAh-BB Standard battery for the W2100-HS16-E2-EXT.

Adapter for

Stimulation

The adapter for external stimulation has to be connected magnet to magnet

to the headstage. Please solder a connection wire to

the pads provided on the adapter.

External

Please connect the battery board to the headstage.

Phone +49-7121-909 25- 0 Fax +49-7121-909 25-11

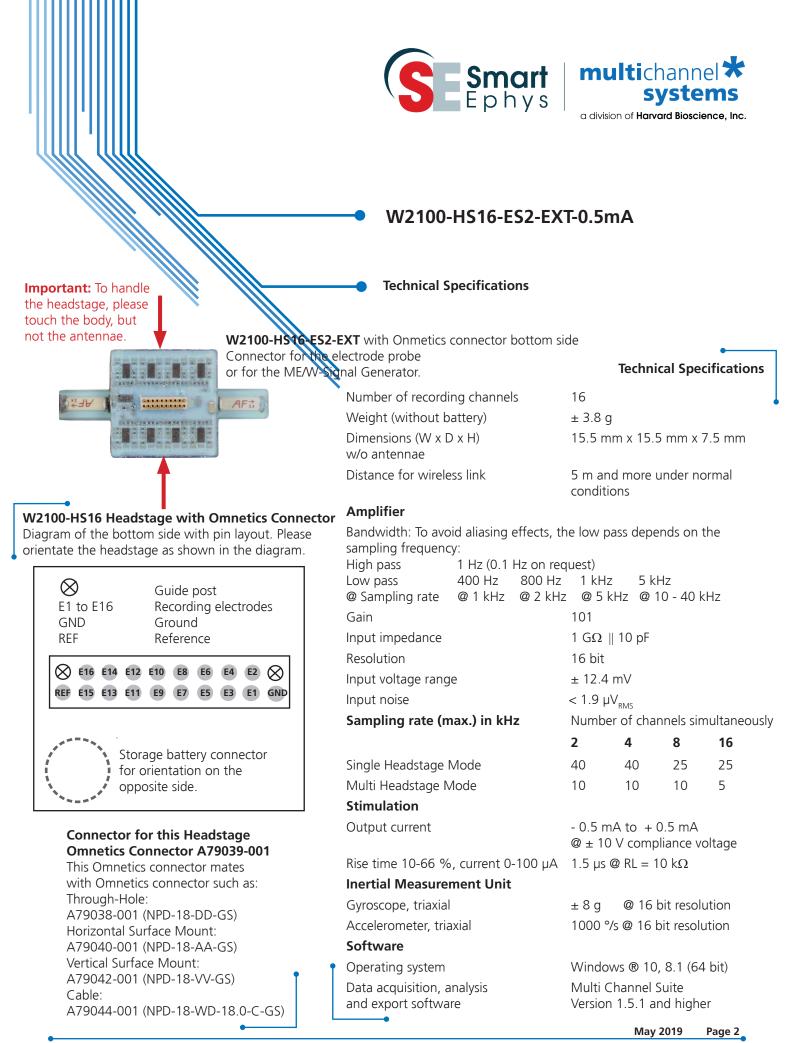
## May 2019 Page 1

3

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Battery Board

sales@multichannelsystems.com www.multichannelsystems.com Product information is subject to change without notice.



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