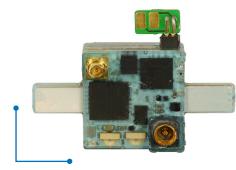


W2100-HS32-ES2-EXT-0.5mA

W2100 Headstage with two external **Stimulation Sites for Electrical Stimulation**

Advantages

- 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.

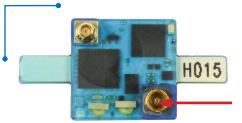


The adapter for external stimulation has to be connected magnet to magnet to the headstage. Please solder a connection wire to the pads provided on the adapter.

Adapter for

Stimulation

External



W2100-HS32-ES2-EXT top side Please use the connector for the storage battery in the lower right for orientation of the headstage.

External Connectors for Electrical Stimulation



Connectors for external stimulation (Stim 2 + Stim 1)

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

The W2100 headstage is equipped with

Gyroscope and Accelerometer

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-HS32-E2-EXT. Please connect the battery board to the headstage.

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April 2019 Page 1

H2100 Battery Board

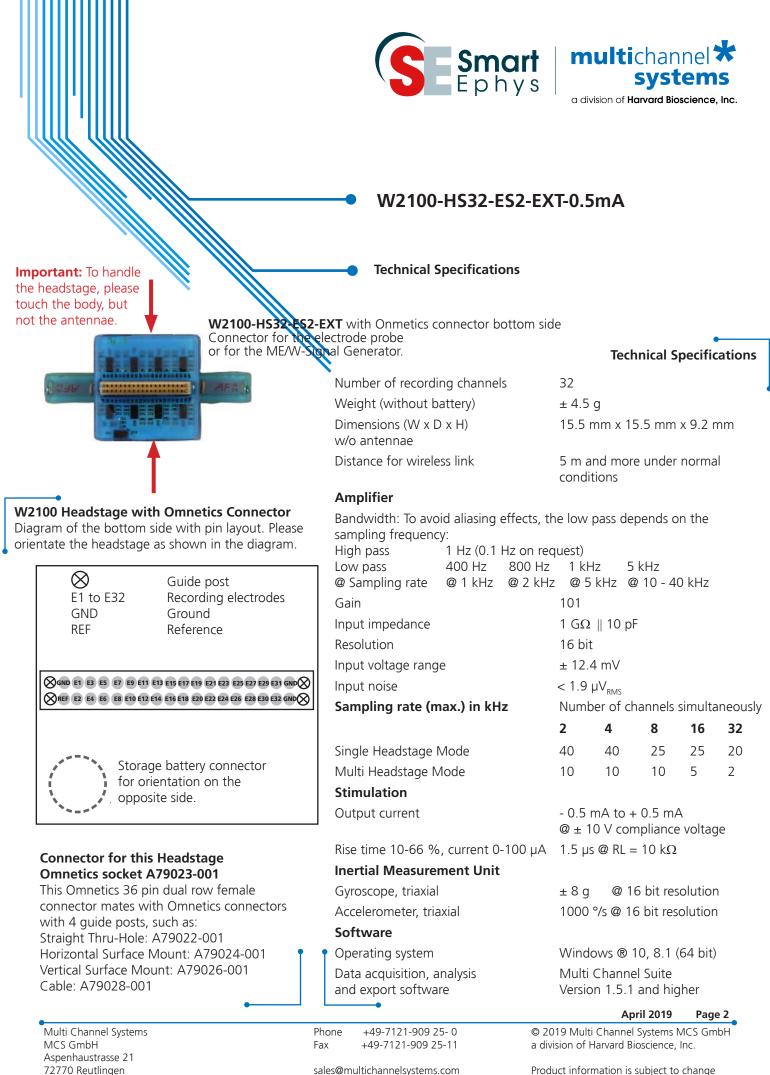
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