

Nicolet™ EEG Wireless Amplifier

Introducing the next generation amplifier from Nicolet. Built for Today – Designed for Tomorrow.



What if you could have your dream amplifier today?

The Nicolet™ EEG Wireless Amplifier provides improved mobility and performance in a wide range of clinical and research settings, while power and design options increase clinician and patient satisfaction. Nicolet Wireless EEG meets the clinical needs of today with the capabilities expected for tomorrow.

Nicolet's long-standing reputation for technological advancement in EEG, ICU, Long-term Monitoring and Sleep continues with the premiere of its newest family member. The much anticipated compact wireless amplifier unit is big on performance, flexibility and reliability. More than just an amplifier, this amplifier platform spans your needs by consolidating many differentiated amplifier features into a single multi-functional unit. 32 or 64 channel options are currently available, enabling use for a variety of video EEG, Sleep, ICU and LTM studies in ambulatory, research or clinical settings.

Easy to access research data while simultaneously recording clinical data, unlike other research systems, saves time and prevents equipment duplication while providing complete patient care, plus the option to customize the data review means clinicians get the information when they need it, how they need it.

Benefits/Features (software):

- Selection or registration of amplifiers
- Easy adjustment of sampling rates
- Extensive battery and WiFi signal quality and strength information provided by the Wireless panel
- Seamless wireless "out-of-range" data backup and file catch-up

Exceptional software equals even greater efficiencies

Multi-modality Nicolet application software allows acquisition or review of data using the wireless amplifier and data catch-up capabilities, providing even greater flexibility and the outstanding software features and performance you are accustomed to. Plus, various options for data review (EEG Review, EEG to Go, Live Review Remote Access) allow for quicker access to vital patient information.

Benefits/Features (Hardware):

- 32 channel (including 9 bipolar channels) or 64 channel options
- Adjustable sampling rates on channels up to 12 K Hz
- Continuous monitoring of patients during mobile transport or during ancillary testing due to on-board memory storage
- Easy to position in the incubator without worrisome cables
- Risk of signal loss mitigated by data duplication of the amplifier's memory
- Wireless technology 802.11 allows patient mobility
- CMRR>110 dB for low noise using either the hospital network or a dedicated LAN network
- Clinical EEG noise level <2uVpp even in the wireless mode
- Exceptional data quality means easy waveform viewing and signal analysis
- Built-in SpO2 and Pleth
- Quick-start feature allows independent recording to the amplifier without connection to the Nicolet EEG system
- LEDS on headbox give impedance at amplifier
- Electrode wire management and protective cover

Battery or AC power options allows clinical or ambulatory use

- Hot swappable
- Patient changeable
- Replacement doesn't require sending in amplifier or Field Service Technician
- Single or dual pack external battery option
- Compatible with existing systems – easy upgrade path
- Fixed and mobile installations, desktop, panel pc and laptop configurations

Reduce training needs, reduce errors, improve data collection and improve ROI with the use of this single amplifier platform in all applications, further utilizing your own wireless network.



The multi-faceted platform consolidates many features into a single multi-function unit enabling a variety of pediatric and adult clinical EEG, Sleep, ICU and LTM studies in ambulatory, research and clinical settings.

NicoletTM

Natus Neurology Incorporated
1850 Deming Way
Middleton, WI 53562 USA
Tel: 1-800-356-0007
1-608-829-8500
Fax: 1-608-829-8709

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