



Xltek[®] Ambulatory EEG/PSG

Patient Comfort, Value, Performance & Flexibility

Comfort: Lightweight and compact amplifier comfortable for adults and children

Multipurpose: Support for EEG and PSG video studies in both clinical and ambulatory settings

Standard components: Off-the-shelf AA batteries and high-speed USB 2.0 connectivity

Performance: Up to 96 hours of ambulatory recording; less than 5 minutes to transfer 24 hours of EEG data

Innovation: Unique ambulatory video technology enables up to 72 hours of wirelessly synchronized HD video with simplified setup in patient's home

Tools: Microsoft[®] SQL Server database and integrated Spike & Event detection algorithm for maximum efficiency

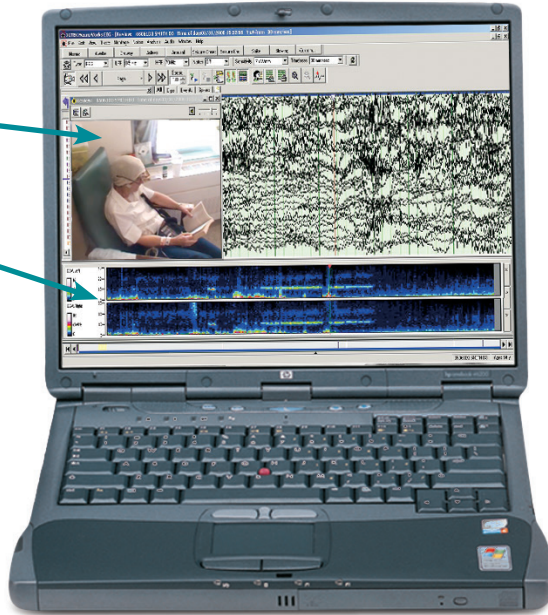


Now featuring
HD Video

Convenience, patient comfort & reliability for a broad range of EEG & PSG recording needs

High-Definition
Video

QEEG Trending



Small Amplifier — Big Performance

While the Xltek Trex HD device is small, it's big on the performance, flexibility and reliability you demand. It features 24 referential, 4 differential, 4 DC and Oximetry channels, enabling use for a variety of EEG and PSG video studies in ambulatory or clinical mode. Connecting to an acquisition computer through a standard high-speed USB 2.0 cable eliminates the need for expensive proprietary cables and allows uploading of 24 hours of EEG data from the amplifier to your station in less than 5 minutes.

Reliable Video EEG at a Patient's Home — now in HD video

Frequently, the best way to capture a sleep, neurological or cardiac event is to use an ambulatory device in a patient's home environment. But will the device be durable enough? Can you depend on its signal quality? Will the battery last? Is it comfortable enough for a child to wear? Xltek Trex HD, the ambulatory video amplifier from Natus, answers "Yes" to all these questions.

The Trex HD amplifier is among the lightest in the industry, weighing 2/3 of a pound and utilizing standard cost-effective AA batteries. It integrates seamlessly with Natus® NeuroWorks®/SleepWorks™ software to provide fully synchronized EEG and video data. It is easy to set up in a patient's home, requiring no cabling and no need for the patient to interact with the software, and is capable of recording up to 96 hours of video and audio data without the need to free storage space. The patient can start and stop video while continuously recording EEG and without affecting video synchronization. This provides you with the convenience and cost-effectiveness of home ambulatory monitoring complemented with high quality video playback.





System features

- Desktop or laptop-based acquisition stations
- Microsoft SQL® Server database enabling quick and efficient data retrieval
- Integrated Spike & Event detection and trending for efficient data review
- Capable of running EEG and PSG tethered or untethered studies
- Synchronized HD video recording and playback
- Simple annotation entry
- Easy archiving to a network device or any type of recordable media
- Photic stimulation integrated within software

Amplifier features

- Compact (4 x 6 x 1 in) and lightweight (0.66 lb)
- Ultra low noise with superb signal quality
- Ample referential, differential and DC channels for all your needs
- Integrated Oximetry channels
- Wireless synchronization with HD video
- Fast upload of ambulatory data allowing quick turnaround
- Battery indicator LEDs
- 72 hour battery life (with optional power pack)
- Synchronized patient event marker

Last name	First name	Start time	Duration(h:m:s)	Custom T	Shur
LO		11:08:59 Dec 08, 2005	0:18:52		EEG
Bouman	Joseph	11:18:08 Jan 24, 2007	0:25:27		EEG
charnel	short	10:40:21 Nov 01, 2007	0:01:14		EEG
oplandia	neel	10:29:29 Apr 02, 2006	0:02:22		EEG
DE LEFERENTVELD	00048CB	09:37:04 Jan 20, 2006	0:38:40		EEG
CRIFORD	HEATHER	11:22:20 May 21, 2006	20:28:50		EEG
Duonono	Duonono	12:48:53 May 29, 2005	0:02:46		EEG
PERLORE	James	09:19:49 Nov 09, 2006	0:02:05		EEG
Lehar	Patric	14:58:15 Feb 18, 2002	0:09:20		EEG
Lopez	Alan	09:42:37 Dec 13, 2005	0:05:28		EEG
Lugue	Trinh Tran	15:04:55 Jun 02, 2004	0:27:55		EEG
imb2	imb2brnly	15:59:49 Jan 20, 2004	0:04:05		EEG
HISTRY DA	00060C4	11:21:28 Mar 24, 2006	0:00:28		EEG
HISTRY DA	00060C4	11:21:28 Mar 24, 2006	1:50:23		EEG
MORAGHAN DO	00060C9	09:08:41 Mar 16, 2006	0:13:25		EEG
Mosson	Mosson	01:48:19 Nov 11, 2004	0:09:50		EEG
Ruehart	Tessa	10:19:21 May 12, 2008	2:54:10		EEG
Shukin	Gilad	12:16:54 Mar 23, 2006	0:43:40		EEG
spualled	SPON	13:37:09 Nov 20, 2006	4:12:53		EEG
TEAHAN	Anna	14:23:07 Feb 09, 2007	0:20:23		EEG
Touss	Jeanne	09:47:02 Apr 18, 2006	0:44:28		EEG
WINTLE D10	0000010	19:04:00 Jul 06, 2001	0:05:20		UPK
XITEK	Secure1				



Data Security

Set up individual user or group access and permissions for the system and within the application. Assign separate lock-down rules for different computers on the same network. Access Audit Logs to review user activity on the system. Security that is integrated with Microsoft Active Directory and 'peace of mind' with available system encryption.



Service

Excellence in customer and technical service is a core value of Natus Neurology.

Essential Support Elements:

- Accessible and effective Technical Support
- Definitive technical documentation and knowledgeable installation teams
- Excellent replacement unit or spare part availability
- Extended warranty and service coverage programs
- Comprehensive, flexible customer training courses

Supplies

Natus Neurology offers a full range of neurodiagnostic supplies featuring:

- Dedicated and knowledgeable customer service
- Streamlined order processing to save you time
- Convenient online portal (US Customers only)
[Natus Neuro Store – www.natusneurostore.com](http://www.natusneurostore.com)

To learn more about Natus Neurology Service Programs or our full line of Supplies, contact your local distributor or sales representative.

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International Customers Call: **+1-608-829-8500**



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