



## *TEAC Announces New Portable Wide Band Data Recorder*

*New TEAC Instrumentation Data Recorder WX-7000 Series utilizes a high capacity RDX hard disk drive or SD solid state flash memory card for extended time recording of up to 128 channels of high bandwidth instrumentation test data*

MONTEBELLO, CA, August 1st, 2012, 10:00 am PDT – TEAC America, Inc. <http://www.teac.com> (the US subsidiary of TEAC Corporation – Tokyo Japan), the world leader in portable data recorders, today announced the new WX-7000 Series, a new portable Instrumentation Data recorder family of products that has been designed to provide *for multi-channel high bandwidth data recording for testing and monitoring requirements in aerospace, defense, electrical power generation, underwater research, rail transportation, automotive, heavy machinery, acoustic, high vibration and nuclear power applications.*

The new WX-7000 portable data recorder utilizes either a high data capacity RDX® hard disk drive or a solid state flash memory SD card. The WX-7000 flexible memory design provides the ability to record up to 1TB (Tera Byte =  $10^{12}$  Byte) of data with the RDX drive, and 32GB (Giga Byte =  $10^9$ Byte) with a current industry standard SD flash memory card, respectively. The 1 TB data capacity allows recording for up to 38 hours or more using 16 channels recording simultaneously at a 192 KHz sampling rate (80 KHz Bandwidth) with 16bit analog to digital conversion, a necessity for longer period test projects.

The new WX-7000 series has a full function control panel on the front of the unit for portable stand alone recording. However, the system is also equipped with a Gigabit Ethernet connection, ready for remote control recording/ interfacing with a PC based data acquisition system and application software.

### ***Powerful software***

The WX-7000 portable data recorder leverages the power of WX Navi, a TEAC navigation software, enabling users to set up the WX 7000 from a PC for various test and



measurement conditions as well as displaying waveform, bar meter, and numeric digital data in real time. Additionally, TEAC also plans to provide a new software package, WX View, a PC based data analysis software, as an option to edit the recorded data and convert the data file to Wave and ASCII format for easy access by third party analysis software.

***Configuration and availability***

The new TEAC WX-7000 portable data recorder will be available January 2013 in a standard 16 channels, input/output configuration, with expansion input/output modules in 16 channels increments. Up to 128 channels can be configured per control unit.

David Husted, Senior Vice President of TEAC America, Inc., said "TEAC is proud to bring this new advanced technology solid state wide band multi-channel instrumentation data recorder to satisfy the testing and data monitory needs to our aerospace, defense, automotive, and electrical power customers. We believe the new TEAC WX-7000 is the most advanced high bandwidth portable data recorder available in the world today."



## MAIN FEATURES

- DC to 80 KHz bandwidth with up to 16 channels with 16bit AD resolution or 8 channels at 24bit AD resolution.
- Standard configuration with RDX® drive slot and SD card slot
- Up to 128 channels configuration is available by using expansion units (16 channels each)
- Synchronous recoding up to 2 units (256 channels of analog input )
- Front panel controls for portable Stand alone operation, with Gigabit Ethernet connection for remote control through PC based data acquisition system and faster data download transfer.
- Remote PC control application software provided as standard accessory



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***About TEAC America, Inc.***

TEAC America, Inc., the largest subsidiary of the Japanese electronics maker TEAC, distributes high grade audio video electronics, consumer electronics, computer data recording and storage devices, medical imaging recorders, disc publishing systems, computer peripherals and professional audio recording equipment. Products are marketed by TEAC America under the brand names TEAC, TASCAM, and ESOTERIC. TEAC America, Inc. was established in 1967.