Subject: Olympus Announces Low-Cost Digital Voice Recorder with PC Connection!!!

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OLYMPUS ANNOUNCES LOW-COST DIGITAL VOICE RECORDER WITH PC CONNECTION

Compact DW-90 Provides 1 1/2 Hours Recording Time and USB Connection to PC for Only \$99

July 2, 2001, Melville, NY -- Olympus America Inc., Consumer Products Group, a leading consumer electronics manufacturer, today announced the DW-90, a digital voice recorder with PC connection under \$100. Made for students, journalists, and business users, the DW-90 is a compact and uniquely styled digital recorder with 90 minutes of recording time. It connects to the PC through a high-speed USB interface to easily transfer WAV files to the PC.

The built-in uni-directional/telescoping microphone is perfect for journalists recording interviews or for students at lectures, since it allows the user to point the mike directly towards the voice for a clearer recording without background noise. When the telescoping microphone is activated, sounds from up to 20 feet away can be recorded. The user can then easily email the lecture or interview as a WAV file attachment to others or listen and save the recording on a PC.

The DW-90 provides three folders for voice file management, capable of storing up to 100 messages per folder. Three recording modes: High Quality, Standard Play, and Long Play allow a choice in the quality and length of recording. An LCD display is provided to check remaining recording time, the date & time, voice activation mode, play mode (HQ/SP/LP), and battery status. A Microphone Sensitivity Selector and voice activation for hands-free are also included.

"The DW-90 is a great addition to the Olympus product line," said Keith Swiderski, Product Manager, Olympus America, Consumer Products Group. "It is perfect for students who need to record a class lecture, or business people who need to record information and download it to a PC in a handy audio format. It is also ideal for people who want to add audio to their web site. The DW-90 is an ideal tool for all consumers."

The DW-90 is the latest in a long line of Olympus innovative award-winning digital voice recorders, such as the

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DS-320, a digital recorder with over five hours of recording time bundled with IBM's ViaVoice speech recognition software. The DS-150, released in April of 1999, was well received for its ease of use and affordable price. It was chosen as a preferred mobile solution for IBM ViaVoice, and was also bundled as part of L&H Voice Express Mobile Professional. The D1000, released in June of 1998, won numerous industry awards for its enhancement of the mobile office, including the coveted *PC Computing* MVP Award, November 1998; *Popular Mechanics*, Editor's Choice Award, January 1999; and *Popular Science*, "Best of What's New," November 11, 1997.

The DW-90 will be available on August 1, 2001 for a Suggested Retail Price of \$129, Street Price \$99. It comes with a microphone stand, earphone, USB cable, hand strap and Digital Wav Player software.

For more information, contact Olympus America, Consumer Products Group, Two Corporate Center Dr., Melville, NY 11747-3157, ph: (631) 844-5000 (800) 347-4027, Fax: (631) 844-5262 or the Olympus Web Site: http://www.olympus.com. For consumer questions/comments, e-mail us at distacc@olympus.com.

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Note to Editors: photos of the DW-90 are available from Thomas Public Relations, Inc. (631) 549-7575.

DW-90: Main Specifications

	T. Control of the Con
Recording Format	Digital recording in accordance with ADPCM
Recording Medium	Built-in 8MB flash memory
Folders	3 (2 standard and 1 for scheduler use)
Files	Max. 100 per folder. Total for 3 folders: max. 300
Overall Frequency Response	HQ Mode: 300~5,800Hz
	SP Mode: 300~4,200Hz
	LP Mode: 300~1,700Hz
Recording Time	HQ Mode: approx. 22 min.
	SP Mode: approx. 33 min.
	LP Mode: approx. 90 min.
Speaker	28mm-diameter round dynamic speaker
Earphone Jack	3.5mm-diameter: 8ohm impedance
Practical Max. Output	Max. 120mW (80hm speaker)
Battery Life	Recording: approx. 19 hours Playback: approx., 11 hour

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	(according to Olympus tests using an alkaline dry cell battery)
Power Source	Rated voltage DC3V. Two R3/LR03 alkaline batteries
Dimensions	3.1"(H)×1.8"(W)×.8"(D) (excluding protrusions)
Weight	2.2 ounces (including batteries)
Included Accessories	Handstrap with stand, monaural earphones (E20), USB connection cable (CB-USB1), CD-ROM, 2 x AAA batteries, manual

Olympus Digital Wav Player: Operating Environment

OS Supported	Microsoft Windows 98/98SE/Me/2000 Professional
CPU	Intel Pentium 166MHz or faster
RAM	Min. 32MB
Hard Disk Space	Min. 25MB (additional space is required to store voice files)
Sound Board	Creative Labs Sound Blaster 16 or 100% compatible card
Video Card and Display	Min. 800×600 pixels, min. 256 colors
Removable Drive	Min. 2x CD-ROM
USB Port	At least 1 free USB port
Audio Output	Speaker or earphone output

^{*}Design and specifications are subject to change without notice.

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