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## **JVC Unveils World's First Consumer Camcorder with Full HD 3D: GS-TD1**

HD Everio lineup to offer unprecedented consumer camcorder for easy 3D shooting in Full HD

**Toronto, Canada, January 8<sup>th</sup>, 2011** - JVC (Victor Company of Japan, Limited) will further enhance its lineup of HD Everio camcorders with the addition of the GS-TD1 — the world's first consumer camcorder to offer full-fledged 3D recording in Full HD thanks to a twin-lens structure. A second model, the GZ-HM960, provides enjoyment of 3D images using a special 2D-to-3D conversion function. The two new HD Everio models from JVC will be launched Early February 2011.

The new GS-TD1 uses two camera lenses and two 3.32 megapixel CMOS sensors – one for each lens – to capture three-dimensional images much the same way that human eyes work. JVC's new high-speed imaging engine "FALCONBRID" simultaneously processes the two Full HD images – left and right images at 1920 x 1080i[M1] – within that single chip. The newly developed "LR Independent Format" makes the GS-TD1 the world's first consumer-oriented camcorder capable of 3D shooting in Full HD. JVC's new camcorder offers other shooting modes as well, including the widely used "Side-by-Side Format" for AVCHD (3D) and conventional AVCHD (2D) shooting.

The camcorder uses JVC 3D Twin HD GT Lens sets a new standard in high-resolution lenses with its extra-low-dispersion glass for crisp, high-contrast images, as well as multiple aspherical lenses for fine image reproduction. The GS-TD1 also features circular iris diaphragms that enable beautiful effect (background blurring) shooting of video and stills alike.

Additional highlights include 3D Optical 5x Zoom, Optical Axis Automatic Stabilization System for disparity control to give depth to 3D images, JVC's BIPHONIC technology for dynamic 3D sound and Automatic Parallax Adjustment to optimize the 3D-video comfort zone .

There is nothing difficult about using the GS-TD1, which operates like other consumer-friendly camcorders from JVC. A 3.5" 3D Touch Panel LCD Monitor displays 3D images without any need for 3D glasses, making it easy to check 3D images while shooting and watch 3D playback in the field.

JVC's other new HD Everio with 3D capabilities is the GZ-HM960 camcorder. Similar to other HD Everio models in size and features, the GZ-HM960 is distinguished by its handy

2D-to-3D output function, which turns any 2D footage into 3D. Output can be viewed without glasses on the camera's 3.5-inch 3D LCD monitor or by connecting the model to an external 3D monitor. Bluetooth® wireless technology enables integration with other devices, such as smartphones to synch videos and photos with Google Maps™.

The GS-TD1 and GZ-HM960 both use Everio MediaBrowser software (for Windows®) for full management, editing and sharing of content. In addition to full-fledged video and still image editing, files can be uploaded effortlessly to social media sites such as YouTube™ or Facebook. The software provided with GS-TD1 allows 3D video to be shared with YouTube™.

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Except for the historical information contained herein, this news release contains forward-looking statements. These involve risks and uncertainties that could cause actual results to vary or differ materially from those projected.

**About JVC Canada Inc.**

JVC Canada Inc, is a wholly-owned subsidiary of Victor Company of Japan Ltd., with branches located in Toronto, Vancouver, and Ottawa, JVC distributes a complete line of video and audio equipment, including high definition displays, camcorders, DVD players and recorders, satellite systems, home and portable audio equipment, mobile entertainment products and recording media. For further product information, visit JVC's Web site at <http://www.jvc.ca> or call 1-866-293-1311

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Attachment

**JVC Everio GS-TD1 Primary Features**

- 1920x1080 Full HD 3D Recording
- New High-speed imaging engine “FALCONBRID”
- 5x optical zoom while recording in 3D mode
- JVC 3D TWIN HD GT LENS
- F1.2 super bright lens
- Back-illuminated CMOS Sensors
- 3D SOUND (JVC’s BIPHONIC technology)
- 3D Time-Lapse recording
- 3D digital still images
- 3.5” glasses-free 3D touch panel LCD monitor
- Everio MediaBrowser 3D Edition
- 64GB Internal Flash Memory with SD/SDHC/SDXC card slot

Notes:

- SD/SDHC/SDXC cards are not provided.
- To record video, SDHC/SDXC card with Class 4 or higher performance is required (For UXP mode, Class 6 or higher is recommended). For THR mode, Class 6 or higher is required (Class 10 is recommended). SD memory cards (256MB to 2GB), SDHC memory cards (4GB to 32GB) and SDXC memory cards (48GB to 64GB) have been tested for the following brands: Panasonic, Toshiba, SanDisk. Note that using other media may result in recording failure or data loss.

**Video Recording**

Mode	Format	Mode	Resolution	Average Bitrate	64GB Internal Memory
3D	MVC	THR	1920 x 1080 x2	34 Mbps	4h
		TSR	1920 x 1080 x2	22 Mbps	6h 10m
	AVCHD (side-by-side)	TXP	1920 x 1080	17 Mbps	8h 10m
		TSP	1920 x 1080	12 Mbps	11h 40m
2D	AVCHD	UXP	1920 x 1080	24 Mbps	5h 50m
		XP	1920 x 1080	17 Mbps	8h 10m
		SP	1920 x 1080	12 Mbps	11h 40m
		EP	1920 x 1080	5 Mbps	29h 10m

**Still Recording**

Mode	Format	Aspect	Resolution	64GB Internal Memory
3D	MPO	16:9	1920 x 1080	4999
2D	JPEG	16:9	2304 x 1296	9999
		16:9	1920 x 1080	9999
		4:3	1728 x 1296	9999
		4:3	640 x 480	9999