

Hardware and Software Players for MXF-Wrapped JPEG 2000 Files

The SAMMA J2K Player is available in two versions: a high-quality hardware player and a free software-only player.

Software Player

The software-only version of the SAMMA J2K Player is available for download at the Front Porch Digital Web site – www.fpdigital.com – at no charge. This player provides a complete JPEG 2000 player for playing MXF-wrapped JPEG 2000 files on any compatible computer running Windows XP or better. The SAMMA J2K player operates similarly to Windows Media Player but includes a full timecode display, forward and backward high-speed and frame-by-frame jog controls, and the ability to jump to a specific timecode. Video is viewable directly on the computer screen, and selectable audio channels are available to play via the standard computer audio outputs. The software player also includes a DirectShow compatible decoder to allow these files to also be played on other software-based media players such as Windows Media Player. Unique to our DirectShow implementation is that the

timecode display does not rely on the host media player functionality and will always appear to show frame accurate timecode along with the playing media.

Hardware Player

Hardware Player – The SAMMA J2K hardware player uses a PCI codec card installed in a customer-supplied Windows computer running Windows XP or better. The hardware decoder provides the same user interface as the software player with the addition of a broadcast-quality SDI output with embedded multichannel audio. Output video is available simultaneously on the computer monitor and the SDI output in real-time. Selectable stereo audio outputs are available on the host computer speakers. Features also include full internationalization such as Unicode character support which allows the graphical interface to be displayed, and a DirectShow JPEG 2000 decoder, which allows the encoded JPEG 2000 file to be viewed on either the J2K player or in Windows Media Player.



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