

More than just a Non-linear Editor – The hub of a total Content Creation System

XPRI™ V6 introduces a powerful set of new features, maximizing your workflow efficiencies. From Storage Area Network (SAN) capability, MXF file exchange, compatibility with Sony's new XDCAM™ Professional Disc™ System to enhanced editing functions and real-time capabilities, the XPRI system now serves as the hub of creativity in any content creation environment.

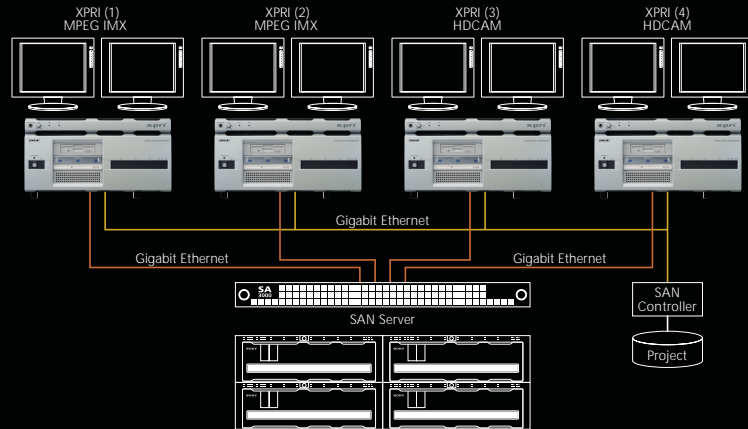


Features Enhancements

More Efficiency, more Speed

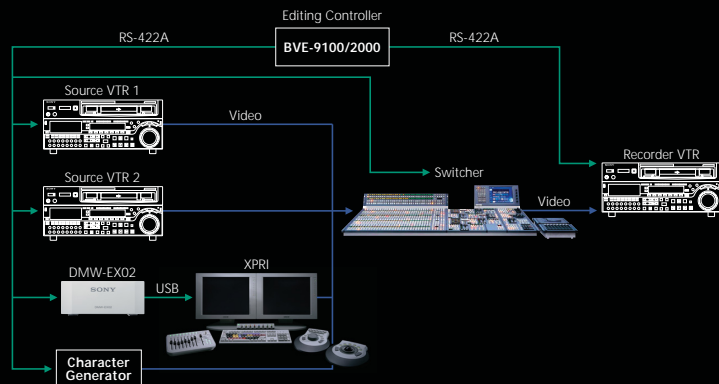
Storage Area Network (SAN) System

Project data and associated A/V material can be shared among multiple XPRI systems connected to a storage area network. This allows multiple users to simultaneously collaborate on a single project – for example; one XPRI system can be used for editing while another can be used for digitizing. Multiple XPRI systems share the project data and A/V material stored on the fibre channel-based network server.



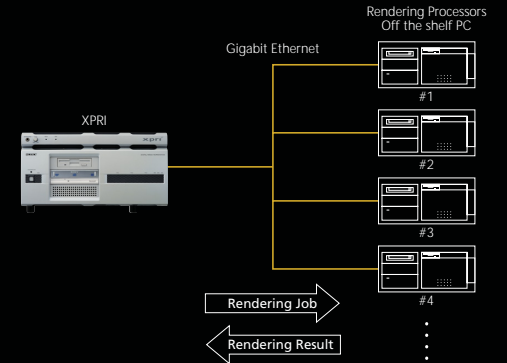
VTR Emulation

The XPRI system can be controlled directly from a Sony BVE-9100 or BVE-2000 Editing Controller via the DMW-EX02 9-pin Remote Interface Unit. The XPRI system is recognized as a source device and can be controlled with frame accuracy. This allows operators to easily dub edits performed on the XPRI to tape or use them as source material in a linear editing system directly from the XPRI's timeline.



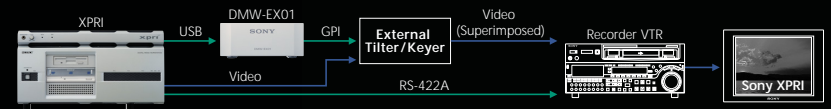
Distributed Network Rendering

For complex layering where rendering may be required, use of the XPRI's Distributed Network Rendering function allows the editing process to continue, with no interruption to the creative workflow. The 'Network Rendering' function allows the effect rendering process to take place on multiple PCs networked to the XPRI system. Not only does this allow uninterrupted editing by freeing the XPRI editor from effect processing but also shortens the entire rendering time required to process complex multi-layer effects.



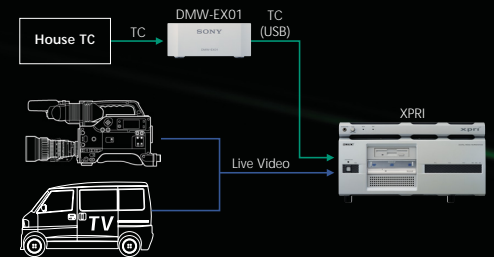
GPI OUT

The DMW-EX01 can output a GPI signal according to the timing/operation mode set by the XPRI editor. Each GPI contact provides Make/Open/Pulse modes. This GPI output is a useful tool when titles must be superimposed on the XPRI program using a character generator or a switcher's Downstream Key.



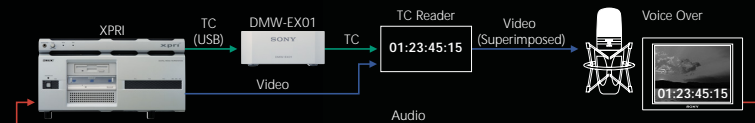
TC (time code) IN

The DMW-EX01 allows the XPRI system to accept external time code. In studio editing and live programming, this allows live content to be recorded to the XPRI system with the time code synchronized to the house TC.



TC OUT

The time code of a source selected on the XPRI system can be output to an external device. By supplying this time code and the video output from the XPRI editor to an external TC reader, the time code can be superimposed and viewed on a video monitor during editing. This function also allows time code-based narration recording.



MXF File Import/Export

The XPRI system is compatible with the MXF file format for file exchange with other MXF compatible devices such as the MSW-M2000.

Compatible with Sony's XDCAM Professional Disc Products

The XPRI system, used in conjunction with Sony XDCAM Professional Disc products, introduces stunning breakthroughs to the production process.

Quick logging and high speed transfers

For unparalleled speed and efficiency during the logging process, the XPRI system can upload the proxy A/V data from an XDCAM professional disc at an impressive x30 normal speed. This innovative feature enables all logging decisions to be made by referring to the uploaded proxy A/V data on the hard drive, rather than directly from the original media in a linear fashion. Once logging is completed, the editor can transfer the high resolution MPEG IMX material from the optical disc to the hard drive at x2 real time.

* In Sony Professional Disc products, a low-resolution copy of the high-resolution IMX material is recorded to the optical disc. This is called Proxy A/V data.

Instant reproduction of off-line optical EDL's

Sony Professional Disc media can store EDL's generated on the PDZ-1 Sony Proxy Browsing Software or XPRI Mobile Editor, as well as a variety of Metadata. By loading the disc into a Sony optical deck hooked to the XPRI editor via a Gigabit Ethernet connection, this data can be transferred to the XPRI system at high speeds. During the data transfer, the associated MPEG IMX™ material is also uploaded at high speed, instantly creating an on-line version of the timeline.

The Metadata stored on the Professional Disc media can be imported and used on the XPRI editor's timeline as cue-point markers - adding even greater editing versatility.

Effect Enhancements

Real-time Effects with the Real-time Video Processing Board

DMW-RT02 (for Multi-format systems):

Supports HDCAM® compression, non-compressed SD, MPEG IMX™ compression

DMW-RT01 (for SD systems):

Supports Non-compressed SD, MPEG IMX compression

- Additional 33 real-time effect patterns

- Now supports real-time 3D effects for SD/MPEG IMX (DMW-RT02)

- Secondary Color Correction

- Triangle Mosaic

- 3D plane/transform



Adobe® After Effects® Integration

Speed Clip Improvement

Keyframes can be used to determine the speed trajectory of Speed Clips. Real-time preview of Speed Clips is provided



More Enhancements

Enhanced Selections for Time Code Display

Source and master time code can be displayed in any position and size on the GUI to help the operators locate and synchronize edit points.

User Setting

User Setting can be shared between multiple users and projects.

Project Conversion

Offline 29.97 project can be converted to online 23.98.

Direct Drag and Drop Editing from Clip Bins to Timeline

Peer to peer networking

Bins, clips and sequence files can be transferred among multiple XPRI editors that are connected via an Ethernet network.

Collapse Tracks





x o d u s x c h a n g e x p r e s s i o n XPRI Features and Specifications x t e n s i o n

www.sony.com/xpri

General	
Digital Media Workstation	
Dimensions (w x h x d)	17 3/8 x 8 3/4 x 24 1/8 inches (440 x 176 x 680 mm)
Weight	59 lb 8 oz (28 kg)
Power requirements	90 to 132 / 180 to 264 V AC, 47 to 63 Hz
Power consumption	SD system: 270 W/HD system: 300 W
CPU	Dual 3.06 GHz, P4 Xeon
System memory	512 MB x 2 (DDR266)
System HDD	73G SCSI U320 HDD (10,000 rpm)
	AGP x2/x4/x8
Graphic card	Matrox® G550, AGP x 4
PCI slots	5 slots, 64 bit / 66MHz
Drive	DVD+R/+RW, DVD-R/-RW/CD-R/RW
System OS	Windows® 2000 Professional
NTSC/PAL switchable	
Upgradable from SD to HD system (option)	
Automatic save function	
User Setting Tool	
Time code Display	
Improved speed and responsiveness	
Logging and digitize	
Direct drag and drop editing from clip bins to timeline	
Batch digitizing	
Handling of TC breaks	
Batch Digitize for audio CD clips	
2 SD uncompressed video streams	
1 uncompressed HD video stream:	1080/24P, 60i, 50i (HD system only)
Supported compression:	HDCAM 1080/30P, 29.97P, 25P, 24P, 60i, 50i (HD system only) MPEG IMX 50, 40, 30 Mb/s, HD-SDTI/SDTI-CP I/O
SDTI-CP input up to twice normal-speed transfer of MPEG IMX 50 Mb/s (option)	
8 audio tracks	
Dual VTR control for simultaneous dual stream digitizing via SDI interface	
Project conversion from SD 29.97 to HD 24P	
MPEG IMX 25P	
MXF support	
Clip Explorer	
Find used clip	
Search function	
Sub-clipping	
Multiple bins/folders	
Storyboard layout	
Signal Generator Clip	
Selectable video test pattern from SMPTE type color bars, 100%/75% color bars, black and white	
Selectable audio tone from 100 Hz, 400 Hz, 800 Hz and 1 kHz	
Interoperability	
XDCAM optical disc compatible	
Metadata import	
e-VTR support	
Import/export EDL (BVE9100, CMX3600, GVG)	
Import/export OMF® with audio, ALE (AVID Log Exchange)	
Import Clip	
Parameters are saved as user template file	
Import/export of AVI, QuickTime, WAV, AIF	
QT6 support	
Import of JPG, BMP, TGA, sequential TGA with alpha, Photoshop® with alpha, PICT, SGI, Flash	

Export Clip	
QT6 support	
Direct export	
Video Input	
Video input adjustments saved with each clip	
Vector scope and waveform monitor	
Audio Input	
Audio level and EQ settings	
Audio level meter display	
Timeline	
48 video layers (virtual)	
48 audio tracks (virtual)	
64 layers of undo & redo	
Lift/overwrite and extract/splice edit modes	
Add edit, quick dissolve	
Speed control; fit to fill (selectable interpolation modes)	
Match frame from timeline to source viewer	
Match frame from source viewer to bin	
Tool bar customization/command palette	
Sync Lock to maintain synchronization	
30P, 25P, 24P, 23.976P support on timeline (HD system only)	
Direct interface with Pinnacle Systems® Commotion 4.1	
Render to Bin	
Sequence navigation in SV	
Direct Drag and Drop to Timeline from Clip Editor	
Collapse	
TC out and GPI interface using the DMW-EX01	
Level control during digitizing	
Send to Adobe® After Effects® function from the timeline	
Trimming	
2, 4, and 6 screen edit modes	
A-side trim, B-side trim, and AB trim (settable rollers)	
Quick trim on timeline	
Trim with jog control, J, K, L keys	
Digital Scrub for audio trim	
Trim by 1/10 frame forward/backward key	
Trim by arrow key	
Scrub parameter (incoming/outcoming) can be set by TLE properties	
On the fly trim	
Audio	
Audio waveform display on timeline	
Audio mixer with Level, Solo, Mute, Pan, Gain functions, and level indicators	
Audio Router with 8-channel output matrix	
Group Bus Fader with level adjustment and indicators	
EQ tool with real-time Frequency and Gain adjustments	
Real-time fade in/out and cross fades	
8 real-time playback tracks on timeline	
Audio rubber banding linked to 8-channel motorized faders	
Audio Automation with motorized faders on playback with override	
Voice over function	
Variable timeline preview speed control with J, K, L keys	
Effects	
Real-time 2D clip effects and transitions for SD system	
Software based 2D/3D clip effects and transitions for HD system	
More than 70 patterns of Real-time 2D/3D clip effects and Transitions for SD/HD system when using DMW-RT01/02 (option)	
FX editor with individual Keyframe tracks for each parameter setting	
Software based Freeform DVE adjustments for use with trackball hardware	
Advanced color correction	
Secondary color correction	
Real-time clip effects and transitions (option)	
Unlimited clip effects	
Unlimited keyframes	
Storable user effects	
Motion tracking	
Roto spline	
Enhanced dissolve functionality	
3D plane/transition	
Apply effect to multiple events	
Color matching	
Split View	
P in P with Trail	
Color matte	

Rendering		
Full multi-processor rendering		
Network rendering function		
Networking		
SAN support		
Peer to peer networking		
Back Ground Title		
Inscriber® TitleMotion		
Pinnacle Systems TitleDeko (option)		
Record to VTR options		
Select section or entire sequence/clip for recording		
Recording options: Assemble Edit, First Edit + Assemble, Crash Record, Insert Edit		
Preview of insert or assemble recording		
Audio output display		
Archiving		
DTF-2 backup, VTR tape backup		
Supported 3rd party software		
Pinnacle System TitleDeko Pro		
Plug-in effects for Adobe After Effects 5.5		
Pinnacle System Commotion		
Audio plug-in effects (Microsoft® DirectX® 8.1b)		
Control Panels		
USB Control panels Jog/Shuttle, Audio Fader, Track Ball, Media Bar control panels		
Keyboard and control panel function assignment capability		
Colored keyboard with short cuts		
Built in AV inputs/outputs		
Digital Video	Inputs	Outputs
	SDI (BNC type) (1)	SDI (BNC type) (1) Monitor Out : SDI (BNC type) (1)
Analog Video	Composite (BNC type) (1) S-Video (Mini-DIN 4-pin) (1) Y/R-Y/B-Y (BNC tyoe) (1 each) Ref. video Black Burst (BNC type) (2) (incl. loop-through)	Composite (BNC type) (1) S-Video (Mini-DIN 4-pin) (1) Y/R-Y/B-Y (BNC tyoe) (1 each) Ref. Video Black Burst (BNC type) (2)
Digital Audio	AES/EBU (BNC type) (2)	
Analog Audio	XLR 3-pin (4) Phono jack (2, L/R) Stereo mini jack (1)	XLR 3-pin (4) Monitor out phono jack (2, L/R)
HD Video	HD SDI (BNC type) (1) Ref. Video BNC (1)	HD SDI (BNC type) (1)
(HD system only)	HD-SDTI/SDTI-CP (BNC type) (1) Ref. video (BNC type) (2) (Analog, incl loop through)	HD-SDTI/SDTI-CP (BNC type) (1)
SDTI I/O (option)		
Control interfaces		
Remote RS-422A, D-sub 9-pin (2) (Sony 9-pin remote interface)		
GPI out (option)		
VTR Emulation (option)		
Accessories		
TC/GPI Interface Unit DMW-EX01		9-pin Remote Interface Unit DMW-EX02
		

SONY®

Sony Electronics Inc.
1 Sony Drive
Park Ridge, NJ 07656
www.sony.com/professional

MK0772V5FRTO3SEP
BC-00880-B

© 2003 Sony Corporation. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measurements are approximate.
Sony, HDCAM, MPEG IMX, Professional Disc, XDCAM and XPRI are trademarks of Sony.
All other trademarks are the properties of their respective owners.

Printed in USA (11/03)