

# Aurora Ingest

## *Ingest Management for Shared Production Systems*

Grass Valley™ products offer the most comprehensive, multi-format solutions for acquisition, production, storage, and playback—and a strong foundation for centralized, proactive status and activity monitoring.

As part of this broad capability, the Grass Valley Aurora™ production solution touches the entire news-production process, from acquisition, ingest, and media browsing, to quick-turn editing, craft editing, and automated playout.

The Grass Valley Aurora Ingest system offers highly coordinated ingest management for the K2™ media server/media client platform, Profile® XP Media Platform, and the M-Series™ intelligent video digital recorder (iVDR). Designed for workflow efficiency and flexibility, the solution is highly configurable, ranging from simple and affordable single workstations for small operations to fully networked, high-availability scheduling systems that fit the needs of the largest tapeless production environments running 24 hours a day, 7 days a week.

### Highly Integrated Server Ingest

The Aurora Ingest system's integrated capabilities deliver the workflow efficiencies that broadcast studio production environments demand.

With its intuitive user interface, the Aurora Ingest system lets ingest operators or non-technical staff control any number of K2, Profile XP Media Platform system, or M-Series ingest channels using manual or automatic channel assignment. Its automatic channel assignment eliminates the need to find an open server port in a busy schedule; you only need to intervene if all ports are busy and a priority judgment is needed regarding which feed is most important.

But the Aurora Ingest system take automation one step further through its integration with the CompuSat satellite-management system. You can send a request to record from a specific satellite and transponder from the Aurora Ingest interface through CompuSat, which in turn locates an available dish. CompuSat confirms receipt



of the request, makes the transponder feed available at the right time, and informs the Aurora Ingest system which router source to record.

For videotape ingest, you can use the Aurora Ingest system as a central workstation to control up to eight VTRs at one time, or use any number of single VTR workstations to feed the system. In addition, you can create batch tape ingest lists offline and deliver them with the tapes to a central ingest location, resulting in a highly efficient recording process of just the clips needed for the production.

The Aurora Ingest system also offers a unique removable-media interface that lets production, operational, or technical personnel pull material directly from the Iomega REV PRO™ nonlinear media used by Grass Valley Infinity™ Series products, as well as Panasonic P2 and Sony XDCAM products. You can install this interface on virtually any current-generation PC, enabling the creation of multiple ingest points.

If breaking news demands it, the Aurora Ingest solution allows you to bypass the editing process altogether: you can link incoming content to Aurora Playout rundown placeholders and be on the air within seconds after recording begins.

## key features

- Control any number of K2, M-Series, or Profile XP Media Platform ingest ports
- Manual or automatic port assignment
- Supports Encore™, Series 7000, and Jupiter™ router control systems
- Controls video, audio, RS-422 router levels
- Integrated with CompuSat satellite dish management system
- Mirrored record on backup channels
- Networked (LAN) ingest scheduling client
- Single and recurring event schedules up to one year in advance
- Bulk and multi-tape batch VTR ingest
- Create lists on Aurora Ingest workstation or offline logger
- Works with .ALE, .EDL, and .VLG batch lists
- Simultaneously controls eight VTRs from a single workstation
- Schedule ingest from ENPS newsroom computer system
- Unique interface for central ingest of:
  - Infinity Camcorder, Infinity Digital Media Recorder files
  - P2 and XDCAM media files
  - Media files stored on REV PRO, CompactFlash, USB, P2, or XDCAM removable devices
- Runs on standard PCs
- High-availability, fault-tolerant configurations available
- Ingest directly to playout placeholders for pre-edited material

**NRCS Integration**

The Aurora Ingest system is the first product to enable server recordings to be scheduled from within a newsroom computer system. ENPS newsroom users can send ingest schedules to the Aurora Ingest platform in exactly the same way that producers send playout rundowns to playback systems.

**Standards-Based PC Configuration**

The Aurora Ingest solution runs on a standard PC. This reliance on standards-based technologies allows broadcasters to leverage the cost efficiencies of rapidly evolving technologies. This approach makes upgrades easier too, typically involving a simple software upgrade or board swap.

**Specifications**

**Ingest Management for K2, Profile, M-Series**

- Scheduled, instant, VTR, and non-linear media ingest
- Encore, Series 7000, Jupiter router control
- Controls audio, video, timecode, and RS-422 router levels
- CompuSat satellite dish management interface
- MOS newsroom computer system scheduling interface (requires Aurora Playout)

**Aurora Ingest Base Station (AURORA-IN-BASE)**

- Scheduled, instant, and VTR ingest standalone workstation software
- Controls up to 8 VTRs simultaneous

**Aurora Ingest Logger (AURORA-IN-LOGGER)**

Single channel VTR logging/ingest workstation software

**Aurora Ingest Networked Scheduler (AURORA-IN-SVR)**

Networked (LAN) management of scheduled and instant ingest from router sources (includes 5 user licenses)

**Aurora Ingest Removable Media Interface (AURORA-IN-RMI)**

Server ingest management for Infinity (REV PRO and Compact Flash), Panasonic P2, and Sony XD-Cam non-linear removable media

**Customer Furnished PC (for AURORA-IN-BASE, AURORA-IN-LOGGER, AURORA-IN-RMI (SD))**

- Hewlett-Packard xw9300:
- AMD Opteron 270/2.0 GHz Dual-core (1st) CPU
  - 80 GB SATA 3 Gb/s 7200 (1st) CPU
  - Windows XP Professional
  - 48X DVD-ROM/CDRW Combo
  - NVIDIA Quadro NVS 285 128 MB TC PCI-E
  - USB Optical Mouse
  - USB Keyboard

**Ordering Information**

**AURORA-IN-BASE**

Aurora Ingest Standalone Workstation Software

**AURORA-IN-LOGGER**

Aurora Ingest Single Channel VTR Logging/Ingest Software

**AURORA-IN-SVR**

Aurora Ingest Networked Ingest Management Software

**AURORA-IN-SCHED**

Additional User License for AURORA-IN-SVR

**AURORA-IN-RMI**

Aurora Removable Media Interface

**AURORA-XRE-PC1**

Optional GV PC for AURORA-IN-BASE or AURORA-IN-LOGGER

**AURORA-XRE-1**

PC Platform for AURORA-IN-SVR

**AURORA-XRE-HAFT1**

High Availability, Fault Tolerant option (requires 2 AURORA-XRE-1)

**AURORA-EDIT-PC**

Optional high performance platform for AURORA-IN-RMI (High Definition)

**Support Services & Training**

The Grass Valley Support Services & Training team delivers complete service solutions that enhance your return on Grass Valley products and global systems solutions. Advanced training and proactive support, by reducing down time, keeps your equipment and staff performing at optimum productivity and quality.

Our pre-packaged suite of SupportPRO Services provides support through the whole process:

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- Factory, On-Site and Web Training Classes
- TechPRO On-Site and Comprehensive Software and Hardware Support
- ServicePRO Comprehensive Software and Hardware Support
- PartsPRO Advanced Exchange Hardware Support
- Critical Spares Kits for Most Products

For specific requests, our worldwide experienced Support Services & Training experts can build and assist you with customized solutions.

For more information contact your authorized Grass Valley representative or visit us online at [www.thomsongrassvalley.com/support](http://www.thomsongrassvalley.com/support).

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DNP-2033D

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