

# Avid Xdeck

## EXPAND PRODUCTION TIME, HANDLE MORE FEEDS, GET MEDIA SOONER WITH DIRECT INGEST

For broadcast news and postproduction facilities, the “digitizing bottleneck” can mean missed deadlines and tying up valuable editing workstations for a routine task. The Avid® Xdeck™ ingest device offers a simple, fast, dedicated solution for feeding footage into an Avid Unity™ shared media network — saving precious minutes and streamlining your nonlinear workflow. Its compact 2U form factor and solid-state design let businesses reduce space, maintenance, and power costs while increasing long-term reliability and minimizing digitizing errors.

Multiple Avid Xdeck systems can be connected to an Avid Unity media network — up to ten feeds in a single Fibre Channel port — letting all attached editors access media simultaneously just seconds after recording begins. Or ingest multiple streams directly into an Avid Unity LANshare system via standard Ethernet connections. The Xdeck system can be programmed and operated from an LCD front panel or controlled using standard VTR control protocol and integrates easily and affordably with existing equipment, applications, and processes.

- o Ingest DV25, DV50,\* and D10, (MPEG/IMX)\* media directly into Avid Unity systems.
- o The Xdeck device's 3.5 inch 2U form factor is much smaller than a VTR or video server and saves valuable machine room space.
- o The Xdeck network appliance can be controlled by Avid Capture Manager and many third-party automation systems that use standard VTR protocols.

\*Availability expected 2003.



- o FAST o AFFORDABLE o RELIABLE
- o SPACE SAVING o STRAIGHTFORWARD OPERATION

# Avid Xdeck

## SYSTEM SPECIFICATIONS

### Video Input

#### Composite Video In

- 1v pp, positive, terminated at 75 ohms
- 525/60 NTSC or 625/50 PAL
- Video scan/color standard switchable in software

#### Component Video In

- Y, Cr, Cb
- Y Composite signal 1v pp, negative sync
- Cr, Cb 0.7v pp NTSC
- Cr, Cb 0.525v pp PAL

### Video Monitoring

#### Component Video Out

- Y, Cr, Cb
- Y Composite signal 1v pp, negative sync
- Cr, Cb 0.7v pp NTSC
- Cr, Cb 0.525v pp PAL

#### Composite Video Out (Super)

(Status character keyed over input video)

- 1v pp, positive, terminated at 75 ohms
- 525/60 NTSC, NTSC-J, or 625/50 PAL mode
- Video scan/color standard switchable in software
- Preview overlay included

#### Composite Video Out (PGM)

- 1v pp, positive, terminated at 75 ohms
- 525/60 NTSC or 625/50 PAL
- Video scan/color standard switchable in software

### Audio

#### Analog Audio In 4-Channel

- Input level at -60dBu or +4dBu, high impedance, balanced
- 16-bit 48 kHz/44.1 AES/EBU sampling, synchronized to video reference
- Bandwidth: 20 Hz to 20 kHz +/- 1dB
- Dynamic range: >80dB
- S/N ratio: >75dB unweighted
- Distortion (THD) <0.05% at 1 kHz at reference level
- Cross-channel phase: <5 degrees at 15 kHz for all channels

#### Analog Audio Out 2-Channel

- +4dBu nominal with 14dB headroom, low impedance, balanced

### Timecode

#### LTC In

- BNC x1
- 0.5 to 18v pp, 10K Ohm

#### LTC Out

- BNC x1
- 2.2v pp, unbalanced, into a 600-ohm load
- Low impedance

#### Compressed Data Interface

- Ethernet 10/100/ Mbit connectivity
- Auto Negotiate
- Full-Duplex Capable
- Jumbo-Frame Capable (64K bytes)
- RJ-45 Standard Interface

#### Status + Control Ethernet Port

- IEEE 802.3 10Base-T I/F

### Control I/O

- RS-232 Console
- RS-422 Slave Recording Control

### Power

- 100 – 240 VAC 50/60 Hz
- 200 Watts
- IEC 60320 Input Connector

### Environmental

- Room temperature: Max +104°F (40°C)
- Operating humidity: 5% – 90% noncondensing

### Compliance Notices

- UL, CE, FCC Class A, ICES-003

### Headphone

- Mixed mono output
- 0dBu nominal with 14dB headroom, low impedance
- 1/4 inch phone

### Dimensions

- Height: 3.5 inch (89 mm) = 2U
- Width (faceplate) 19.0 inch (483 mm)
- Width (rack space) 17.5 inch (445 mm)
- Depth 15.0 inch (381 mm)
- Weight 15 lb (6.75 kg)

### Front-Panel Controls

- Record, Play, Stop, Scan-Forward, Scan-Backward, Step-Forward, Step-Backward, Prior, Next, Shift, In, Out, Composite, Component, Power, LCD Panel (320x240 Touch Screen), Remote/Local, Audio In/Out Gain Controls, Headphone Volume Control

### Web Browser Controls

- Network Configuration, Media Destination, Video and Audio Formats, Video and Audio Settings, Record Time, Chunking, Status Monitor

### Rear-Panel Connections – Video

- TC – In, BNC
- TC – Out, BNC
- Deck Control, DB9 –(R)
- Ethernet – RUI, RJ-45 – 10Base-T
- Ethernet – Avid Unity I/F, RJ-45 – 10/100/1000
- Power – 120 VAC, IEC Input Connector
- Power – DC +12V, 4-pin XLR
- Component Input (Y R-Y B-Y) 3 ea BNC connectors
- Component Output (Y R-Y B-Y) 3 ea BNC connectors
- BNC Composite Input
- BNC Composite Output
- BNC Composite Output with Super
- XLR Audio In (1-4) and Out (1-2)

### Rear Panel Connections – Audio

- Audio In (1-4), XLR x 4
- Audio Out (1-2), XLR x 2

Xdeck is not currently available in all regions

LEARN MORE VISIT [www.avid.com/xdeck](http://www.avid.com/xdeck)

OR CONTACT YOUR LOCAL OFFICE (SEE LIST BELOW)

#### Corporate Headquarters

tel 800 949 AVID  
978 640 6789  
fax 978 640 1366  
web [www.avid.com](http://www.avid.com)

#### Asian Headquarters

tel +65 6476 7666  
Avid China  
tel +86 10 6708 1744  
Avid Japan - Tokyo  
tel +81 3 3505 7937  
Avid Japan - Osaka  
tel +81 6314 3132  
Avid Korea  
tel +822 782 4210

#### European Headquarters

tel +44 1753 655999  
Avid Central Europe  
tel +49 811 55 20 0  
Avid Broadcast Competence Center  
tel +49 30 59 00 99 3 0  
Avid France  
tel +33 1 41 49 40 00  
Avid Germany  
tel +49 221 65 00 42 10  
Avid Spain  
tel +34 91 715 6681  
Avid United Kingdom  
tel +44 207 534 2800

*The following international operations are independent distributors operating under separate license from Avid.*

Avid Australia  
tel +61 2 8977 4800  
Avid Italy  
tel +39 02 57 78 97 1  
Avid Nordic AB  
Headquarters  
tel +46 8 442 55 80  
Avid Austria AG  
tel +43 1 525 27 0  
Avid Belgium  
tel +32 2 254 88 80

Avid Denmark  
tel +45 39 55 99 99  
Avid Finland  
tel +358 9 2290160  
Avid Netherlands  
tel +31 35 6250 080  
Avid Norway NUF  
tel +47 22 02 12 99  
Avid Sweden  
tel +46 8 442 55 70

©2003 Avid Technology, Inc. All Rights Reserved. Product features, specifications and availability are subject to change without notice. Avid, Avid Unity, make manage move | media, and Xdeck are either registered trademarks or trademarks of Avid Technology, Inc. in the United States and/or other countries. All other trademarks contained herein are the property of their respective owners.

AXPB0303