edje ® **4111 HD** *Digital Media Player*

With the edje 4111 HD, you get unattended playout of high definition video perfect for digital signage, kiosks and trade shows.

DOLBY DIGITAL **multiHD** **mp4**

edje ® The edje 4111 HD is a digital media player for AVC/H.264 and MPEG 2 high definition and standard definition file playback and IP stream decoding. Whatever your source, the edje 4111 HD can automatically scale the content to match your output target up to 1080i60 for outstanding HD playback The media can easily be loaded, managed and scheduled for playout using the included mediaControl software.

Recipient of TV Technology STAR Award for Superior Technology at NAB 2006

ADTEC Digital

applications

• **Retail:** Impress customers with high definition (HD) retail digital signage and point of purchase advertising.

• **Trade Shows and Museums:** Get the detail you need with HD playback on kiosks and interactive displays.

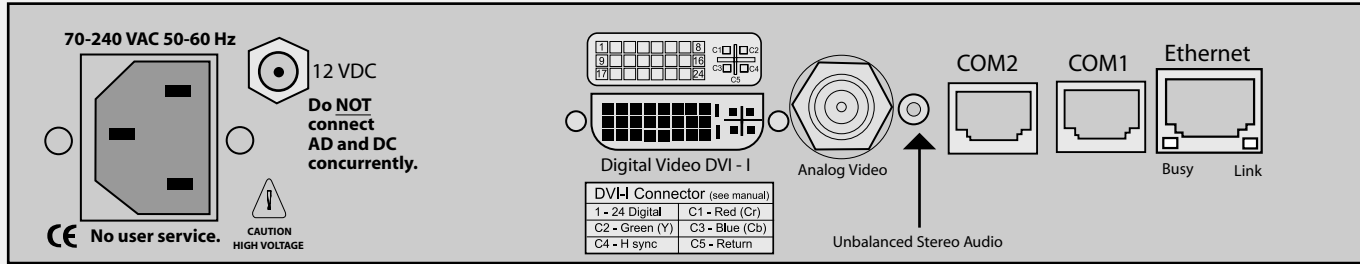• **Private IP Networks:** Stream content to the edje HD over IP for point-to-point or multicast playout.

benefits

• **Play AVC/H.264 or MPEG-2 HD:** Step up to stunning playback of high definition AVC/H.264 and MPEG-2 media.

• **Automatically Scale SD to HD:** Play both SD and HD content with the same server which automatically sizes video with advanced scalar algorithms to the desired output resolution up to 1080i60.

• **Control Playout:** The edje HD includes a built in command interface and scheduler that can play a list of files and loop indefinitely.

• **Manage Content:** The included mediaControl application lets you manage media and schedules on the server while controlling the playout.

• **Tune into IPTV Networks:** Tune in and decode IP Multicast HD content with fall back playout of stored content.

availability

edje 4111 HD Digital Media Player with 80GB internal storage.

70-240 VAC 50-60 Hz

12 VDC

Do NOT connect AD and DC concurrently.

CE No user service. **CAUTION HIGH VOLTAGE**

Digital Video DVI - I

DVI-I Connector (see manual)	
1 - 24 Digital	C1 - Red (Cr)
C2 - Green (Y)	C3 - Blue (Cb)
C4 - H sync	C5 - Return

Analog Video

Unbalanced Stereo Audio

COM2   COM1   Ethernet

Busy   Link

specifications

Video
• Video Outputs: One decode configurable to DVI-I, Composite (BNC). Cable required for VGA, YUV and RGB.
• Error concealment and de-blocking filter.
• Video aspect format: 4x3 or 16x9
• Back to back frame accurate playback from same output port.

Standard Definition (SD) Decode
• Maximum bit rate: 15 Mbps
• MPEG 1
• MPEG 2 SD MP@ML, Full D1. NTSC, PAL B, G.
• MPEG 4.2 ASP@L5, Full D1. Rectangular shape video decoding up to 1280X720p30 resolution, support for B Pictures, data partitioning and error resiliency. No global motion compensation.
• MPEG 4.10 (AVC/H.264) BP@L3 up to 720X480p30 or 720X576p25 resolution, including FMO and ASO.

High Definition (HD) Decode
• Maximum bit rate: 25 Mbps
• MPEG - 2 MP@HL up to 1920X1080i60 or 1280X720p60 resolution.
• MPEG - 4.10 (AVC/H.264) MP@L4.1 and HP@L4.1 up to 1920X1080p24 or 1280X720p60 resolution.
• WMV9 MP@HL up to 1280X720p30 or 1920X1080p24 resolution.

Audio
• Audio Outputs: Unbalanced analog stereo audio (1/8" female).
• Dolby Digital AC-3: Bit rates up to 640kbps. Sample rates of 32, 44.1 and 48KHz. Downmix to 2 channel Dolby Pro Logic.

• MPEG 1 and MPEG 2 Layer I, II and III (MP3) 2.0: Bit rates up to 448kbps (Layer I), 384kbps (Layer II) or 320kbps (Layer III). Sample rates of 16, 22.05, 24, 32, 44.1 and 48KHz. Single channel, dual channel, joint stereo and stereo modes.
• AAC-LC MPEG-2 and MPEG-4: Bit rates up to 384kbps. Sample rates of 7.35, 8, 11.025, 12, 16, 22.05, 24, 32, 44.1 and 48KHz.
• WMA9@L3 2.0 bit rates up to 192Kpbs CBR or up to 360Kpbs VBR. WMA9 Pro@M2 5.1 bit rates up to 768Kpbs (CBR and VBR). Sample rates of 44.1, 48 and 96KHz.

Edje Media Player
• Storage: 80GB internal provides up to 10 hours at 10Mbps.
• Embedded Linux real time operating system.
• Power: 70-240 VAC 50-60Hz or 12 VDC
• Size: 8.5" wide, 10.5" deep, 1.70" tall
• Weight: 4 lbs.
• Environmental: 0 to 90 Degrees Fahrenheit, Less than 70% RH, Non-Condensing

Communications and Control
• Ethernet 10/100 (RJ-45) Half Duplex, Full Duplex, Auto Negotiate
• Ethernet Protocols: Telnet, FTP, Adtec command API.
• Serial Communications: 2-RS232 (38400-115,200K, 8, 1 N)
• Embedded Automation: List, Loop, Schedule Logging.

Front Panel
• Keypad: Mode, Select, Enter, Escape, Up, Down, Left, Right
• Blue Translucent LCD (20 characters by 2 rows)
• Host Status LEDs Power, Alarm, Link, Busy, Storage.

mediaControl Application
mediaControl configuration and control application requires one of the following:

• Windows 2000 or XP or Linux computer: Intel or AMD 32 bit processor at 2 GHz; 512MB memory; 1024x768 32 Bit color capable graphics card; TCP/IP compatible computer network.

• Macintosh OS-X (10.2 or greater) computer: G4 32 bit processor at 1 GHz, G5 64 bit processor (any); 512MB memory; 1024x768 32 Bit color capable graphics card; TCP/IP compatible computer network.

what's included

• Edje 4111 HD Digital Media Player, 1/2 RU.

• mediaControl application control & configuration software for Windows 2000/XP or Macintosh OS X (10.2 or greater).

• Connection Kit: power cord, Ethernet cable and serial adapter

• Manual

• Optional 12 VDC external power supply

Note: Specifications subject to change without written notice