

# edje<sup>®</sup> 4111

## Digital Media Player

The edje 4111 HD is a digital media player for AVC/H.264 and MPEG 2 high 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 1080P60 for outstanding HD playback. The edje 4111 can easily be configured using the included web-based control application and front panel menu.



### features

- **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 player which automatically sizes video with advanced scalar algorithms to the desired output resolution up to 1080P60.
- **Control Playout:** The edje HD includes a built in command interface and a \*NEW\* web-based control interface (BETA) to configure and control your device.
- **Tune into IPTV Networks:** Tune in and decode IP Multicast HD content with fall-back playout to stored content.
- **Synchronize Playback:** Deploy multiple players on the same network and get synchronized playback of your content.



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## Options & Accessories

**DVI-D/DVI-D Cable:** Used with TV Standard Display Targets.

**DVI/HDMI Cable:** Used with TV Standard Display Targets.

**DVI-I/VGA Cable:** Used with PC Standard Display Targets.

**DVI/RGBHV Cable:** Used with TV Standard Display Targets.

**DVI/Component Cable:** Used with TV Standard Display Targets.

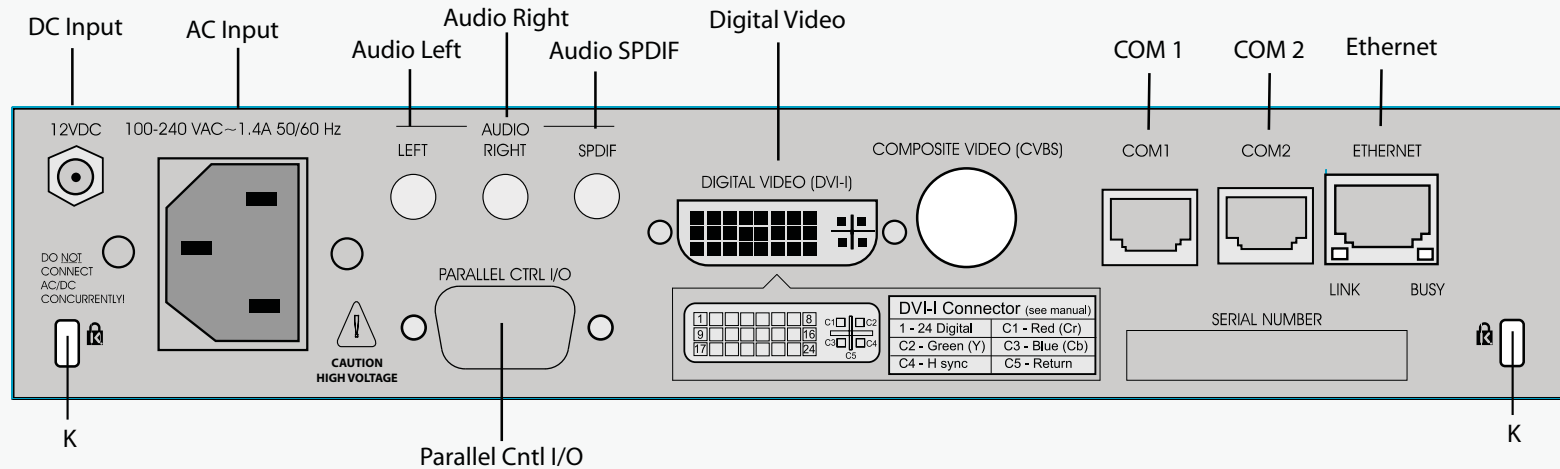
**EdgeShelf:** Holds 2 edje 4111 HD units, power supplies.

**EXTPS24WATT:** External 12 volt power supply 24 watt.

## Related Products

**mediaHUB-HD Pro:**  
High and Standard Definition Studio Encoder

# edje 4111 Digital Media Player



- AC Line Input:** Standard 3-pin computer power plug. (Auto range 70-240 VAC input)
- DC Input:** 12 VDC (Do NOT connect AC and DC concurrently) Purchase the 12VDC power supply from Adtec separately (PN EXTPS24WATT)
- Composite Video Out:** Analog Video Interface. BNC
- Digital Video Out:** Digital Video Interface. Cables purchased separately
- Audio Left:** Unbalanced analog audio left channel (RCA)
- Audio Right:** Unbalanced analog audio right channel (RCA)
- Audio SPDIF:** Digital audio (RCA) configurable as Compressed (for 5.1 AC-3 audio) or Uncompressed (PCM 2 channel).
- Parallel Cntl I/O:** Parallel port used for input or output control.
- K :** Kensington Security Slot to be used with a Kensington Slim MicroSaver security cable to prevent unauthorized removal .
- Com1 (not API port):** RS-232 terminal monitor for communicating with the internal host motherboard for diagnostics.
- Com2 (API):** RS-232 Adtec API control and status terminal port.
- Ethernet:** 10/100BaseT Ethernet RJ-45.



**Digisat International Inc.**  
 4195 W. New Haven Ave., Suite 15  
 Melbourne, FL 32904  
 USA  
 +1-321-676-5250  
 Email: sales@digisat.org  
<http://www.digisat.org>

# **edge**® 4111 HD Digital Media Player      Technical Specifications

## **Video**

### *Video Outputs:*

- One decode output configurable to DVI-I or Composite (BNC)
- Error concealment and de-blocking filter
- Video aspect format: 4x3 or 16x9 (or custom mode via API command)
- Back-to-back frame accurate playback from same output port

## **Standard Definition (SD) Decode**

- MPEG 2 SD: MP@ML
- MPEG 2 SD: 422P@ML
- AVC/H.264: MP@L3.1

## **High Definition (HD) Decode**

- MPEG 2 HD: MP@HL
- AVC/H.264 HD: MP@L4.1 and HP@L4.1

## **Audio**

### *Audio Outputs:*

- S/PDIF digital audio (RCA female)
- 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

## **edge Media Player**

- Storage: 160GB internal PATA drive
- Adtec optimized POSIX compliant embedded Linux 2.6 kernel
- Power: 70-240 VAC 50-60Hz or 12 VDC
- Size: 8.5in. wide, 10.5in. deep, 1.70in. 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:
  - HTTP
  - Telnet
  - FTP
  - Adtec command API
- Serial Communications:
  - 2-RS232 (38400-115,200K, 8, 1 N)

## **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