

## Soloist™ 4111 HD Digital Media Server

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





The Soloist 4111 HD is a digital media server for AVC/H.264 and MPEG 2 high definition and standard definition file playback and IP stream decoding. Whatever your source, the Soloist can automatically scale the content to match your output target up to 1080i60 for outstanding HD playback with multi-channel Dobby Digital AC-3 audio. The media can easily be loaded, managed and scheduled for playback using the included



### applications

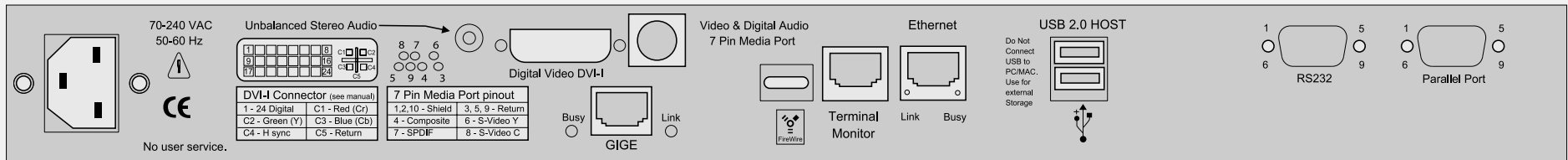
- **Retail:** Impress customers with high definition (HD) retail digital signage and point of purchase advertising.
- **Trade Shows and Museums:** Get the detail you need with HD playback on kiosks and interactive displays.
- **Private IP Networks:** Stream content to the Soloist HD over IP for point-to-point or multicast playback.

### benefits

- **Play AVC/H.264 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 Playback:** The Soloist HD includes a built in command interface and scheduler that can play a list of files and loop indefinitely.
- **Sound Professional:** The Soloist HD features multi-channel Dobby Digital AC-3 audio up to 5.1 channels on S/PDIF for crystal clear sound.
- **Manage Content:** The included mediaControl application lets you manage media and schedules on the server while controlling the playback.
- **Tune into IPTV Networks:** Tune in and decode IP Multicast HD content with fall back playback of stored content.

### availability

Soloist 4111 HD Digital Media Server with 300GB internal storage.



## specifications

### Video

- Video Outputs: One decode configurable to DVI-I, S-Video (4 Pin Mini-Din YC), 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: 40 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: simultaneous S/PDIF digital audio (RCA female) and unbalanced analog stereo audio (1/8" female). Digital audio PCM at 16, 20 and 24 bps up to 5.1 channels.
- Dolby Digital AC-3: Bit rates up to 640kbps. Sample rates of 32, 44.1 and 48KHz. Multi-channel up to 5.1 on S/PDIF and downmix to 2 channel Dolby Pro Logic on

analog.

- 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 192Kbps CBR or up to 360Kbps VBR. WMA9 Pro@M2 5.1 bit rates up to 768Kbps (CBR and VBR). Sample rates of 44.1, 48 and 96KHz.

### Soloist Media Server

- Storage: 300GB internal provides up to 40 hours at 10Mbps.
- Embedded Linux real time operating system.
- Power: 70-240 VAC 50-60Hz and 65 Watts (20 Watts typical) of power.
- Size: 1RU rack mount chassis. 19" wide, 1.75" high, 10" deep.
- Weight: 8 lbs (3.6 Kg)
- Environmental: Active cooling (Fans), 0 to 90 Degrees Fahrenheit, Less than 70% RH, Non-Condensing

### Communications and Control

- Ethernet 10/100 and GigE (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.

- Status LEDs: Play, Multicast, Video, Audio, Display Targets (NTSC, PAL, 720, 1080, Other), Alarm

### 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

- Soloist 4111 HD Digital Media Server
- mediaControl application control & configuration software for Windows 2000/XP or Macintosh OS X (10.2 or greater).
- Connection Kit: media cable (S-Video, BNC Composite Video, RCA S/PDIF Audio), power cord, Ethernet cable, serial adapter
- Manual

**Note: Specifications subject to change without written notice**

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