



## Aavelin System Units

### Description

### Part#

#### Aavelin

AV100

Complete, turnkey digital signage and video messaging system. Includes player unit for stand-alone, 24-hour operation, unlimited (10,000+) page capacity, up to four simultaneous crawl lines, smooth, dynamic transitions, built-in Ethernet, slots for future expansion, heavy-duty 2-space rack enclosure (also adapts to desktop use). Supports virtually any type of display via Composite Video, S-Video, and VGA/RGB outputs. **Includes Adobe Flash Support. Ships with Training DVD.** Includes Aavelin Composer software for layout and scheduling of pages and transfer of projects to player unit. Image file formats supported include: JPEG, JPEG2000, PCD, TIFF, BMP, RLE, DIB, EPS, GIF, PNG, TGA, IMG, DXF, PCX, DCX, and WMF Clipart. Runs on Windows 2000/XP/**VISTA**.

#### Aavelin RT (Video Pass Through & MPEG Support)

AV200

All of the features of the standard Aavelin system, plus 4 source Video Pass Through. Video Pass Through allows the Aavelin Player to display video full screen or in a scalable window. Common sources include VCR's, DVD Players, Camera, MPEG Players, satellite or cable feeds. Crawl lines and logo may run ovetop of incoming video signal. The Aavelin RT allows for switching between 3 composite inputs and 1 S-Video input. Aavelin RT includes software interface to control Adtec line of MPEG Players. **Includes Adobe Flash Support. Ships with Training DVD.**

#### Upgrade Aavelin to Aavelin RT

AVUP200

All hardware and software required to upgrade system from AV 100 to AV 200. Upgrade is easily done in the field. **Includes Adobe Flash Support and update to latest software.**

#### Aavelin HD

AV400

Aavelin HD is designed for high-resolution display support, perfect for large and wide format plasmas or LCD monitors with a DB-15 input. With additional performance enhancements and native content authoring, Aavelin HD opens a wide array of uses for messaging and advertising opportunities. Create content with the included Aavelin Composer Software, which designs

messages to drive XGA, WXGA and SXGA displays. Avelin HD brings higher performance and more versatility to the growing array of digital signage needs. Includes player unit for stand-alone, 24-hour operation, unlimited (10,000+) page capacity, up to four simultaneous crawl lines, smooth, dynamic transitions, built-in Ethernet, and heavy-duty 2-space rack enclosure. **Includes Adobe Flash Support. Ships with Training DVD.**

**Avelin HD-P**

**AV400P**

Includes all features of the Avelin HD with additional processing power for Portrait Displays. Monitors standing on edge continue to attract traditional print signage clients. Also used in Landscape applications with heavy Flash content. **Faster processor increases Adobe Flash Performance. Ships with Training DVD.**

**Avelin 1080P**

**AV1080**

Includes all features of the Avelin HD with faster motherboard and processor designed to support a 1080P signal on a 15 Pin VGA Dsub connector. Supports Portrait or landscape application. Good for content with heavy Flash Content. Includes video pass through card for standard definition inputs. **Faster processor increases Adobe Flash Performance. Ships with Training DVD. Available Q2 2008.**

**Avelin SignMate**

**AV800**

Small form-factor Avelin unit designed to be mounted behind a display. Supports high-resolution VGA output & DVI. Dimensions are 8.7"x 5.3"x 1.7", weighs only 2.76lb. **Faster processor increases Adobe Flash Performance. Ships with Training DVD.**

Model	Maximum Resolution				Outputs		
	Standard (4:3)		Widescreen (16:9)		BNC/SVid	VGA	Pass-Thru
	Landscape	Portrait	Landscape	Portrait			
AV100	800x600	600x800	1066x600	600x1066	✓	✓	
AV200	800x600	600x800	1066x600	600x1066	✓	✓	✓
AV400	1024x768	768x1024	1376x768	768x1376		✓	✓
AV400P	1280x1024	1024x1280	1376x768	768x1376		✓	✓
1080P	1280x1024	1024x1280	1920x1080	1080x1920		✓	TBA
SignMate	1280x1024	1024x1280	1376x768	768x1376		✓	TBA

**Avelin Software Options**

**Description**

**Part#**

**Avelin Composer – Extra Seat (Single)**

**AVC1**

This is the same software that comes bundled with the Avelin playback unit. Order this item if you require an additional copy to be used on a separate computer. This is helpful if you have multiple users on the same network.

**Avelin Composer – Extra Seat (Five)**

**AVC1-5**

This is the same software that comes bundled with the Avelin playback unit. Order this item if you require up to 5 additional copies to be used on separate computers. This is helpful if you have multiple users on the same network. Call for quote on large volume software seats requirements.

**Avelin Emergency Blast Software**

**AVEB1**

Easy to use, Emergency Blast software is designed to allow multiple users to remotely access the Avelin to post critical time sensitive messages. E-Blast is a separate application from the standard Avelin Composer that is simple to operate and sits on the desktop of a PC. Content may be quickly created from a set of templates and then "blasted" to the Avelin unit via an Ethernet or dial-up modem internet connection. The content may be single pages, or a crawl line and may also

be scheduled to both trigger and expire at specific times. The flexibility of the program provides a great deal of remote administration capability. Common applications include: School administrators posting inclement weather alerts. Fire Departments posting information on fires or traffic accidents. The Mayor's office issuing information on civil emergencies. Multiple users may easily access the system, which allows government or corporate installations to post emergency messages. This opens a vital channel for a variety of departments to communicate effectively and quickly with their viewing audience.

---

**Aavelin Emergency Blast Software – 5 Seat License****AVEB1-5**

Order this item if you require 5 E-Blast licenses to be used on separate computers. Call for quote on large volume software seat requirements.

---

**Aavelin EZ Stream****AVEZS**

Customizable program for interfacing Aavelin to PC database applications. Useful for displaying conference schedules, meeting room schedules, price updates, Tee Times, etc. This item sometimes requires a custom bid based on the specific application. Aavelin EZ Stream automates the entire process of creating page information and posting the results to your screen. Content is displayed in columns and rows. File formats supported include: SQL, XML, .TXT, Access and Excel.

---

**Aavelin EZ Stream Overlay Region****AVEZS-O**

Same as EZ Stream above however content is displayed in the overlay regions/crawl lines.

---

**Background Expansion Set #1****AVB1**

CD-ROM with 1,000 professional backgrounds for use in Aavelin Composer or any Windows graphics application. There are 200 basic backgrounds (including the 100 that come with Aavelin Composer) and 5 thematic variations of each background, for a total of 900 additional backgrounds.

---

**Holiday and Events Background Expansion Set #2****AVBH1**

CD-ROM with 1,000+ professional backgrounds for use in Aavelin Composer or any Windows graphics application. There are 1,000+ unique backgrounds focusing on major holidays and events such as Snow Days, Community Notices, Birthdays and many more. See website for thumbnails.

---

**Professional Software (NEW Project Preview)****AVC2**

Aavelin Composer Professional includes additional capability beyond the standard software.

**1.) HTML output** allows users to place presentations directly onto websites. This HTML file consists of an index page of thumbnails that can be included or excluded based upon date. **2.) Credit Roll** allows the user to link to a .TXT file and move information vertically up the screen like credits at the end of a movie. Content can also be placed over incoming video or Flash. **3.) Page Filtering** allows the user to hide or display pages based upon their type or scheduling properties (i.e. hide expired pages, show video overlay pages only, etc.) **4.) Increased scheduling** capacity allows additional conditions to be applied to a page or crawl item. **5.) Project Preview:** allows the Aavelin project to be played back in a window within Composer Software. Allows the end user to see a project before it is transferred to the player.

---

**Upgrade Aavelin to Macromedia Flash Playback****AVUPFL**

Software and license to upgrade Aavelin Player to playback Macromedia Flash Files. This upgrade is for customers that already have Aavelin units without the Flash Player. The Flash Player began shipping in version 2.80. Prior to upgrading, please contact MagicBox with your unit serial number and current version of software to determine Aavelin System compatibility.

---

**Aavelin Software Upgrade****AVSOFT**

Composer and Playback upgrade to latest Aavelin Software for systems that already have Macromedia Flash Support. Visit our website and click on the Update button for more details.

Custom Flash content creation. MagicBox will create Flash content to your specification for display on the Aavelin System. Content creation is billed on an hourly or project basis. For more information, please call or email.

## Aavelin Hardware Options

Description	Part#
<b>Weather Display System – Standard</b>	<b>AVW1</b>
<b>Weather Display System – Deluxe</b>	<b>AVW2</b>
<b>Weather Display System – Standard-Heated</b>	<b>AVW1H</b>
<b>Weather Display System – Deluxe-Heated</b>	<b>AVW2H</b>

This system includes weather instruments, which monitor local temperature, wind speed & direction, and rainfall in real-time. Additionally, wind chill is calculated and displayed. The Deluxe model adds sensors for barometric pressure and humidity / dew point. ***Also available with heated rain bucket, heated anemometer and solar protected temperature and humidity probes.***

<b>Weather Display System – Solar Shield</b>	<b>AVWSS</b>
--	--------------

Solar shield provides protection from direct sunlight. This is a good option in environments with extreme high temperatures or if the temperature probe cannot easily be located out of direct sunlight. For use with the **Base** Standard or Deluxe Weather System. Included with heated option.

<b>Modem Communications</b>	<b>AVMOD</b>
-----------------------------	--------------

Includes a high speed 56K modem and connecting cables to allow an Aavelin unit to receive projects via modem. Your sending PC must also be equipped with a modem (33.6K or better recommended.)

<b>VTR/DVD Control Package – 2 VTR/DVD</b>	<b>AVVTR2</b>
<b>VTR/DVD Control Package – 4 VTR/DVD</b>	<b>AVVTR4</b>
<b>VTR/DVD Control Package – 7 VTR/DVD</b>	<b>AVVTR7</b>

Allows the Aavelin to control 2, 4 or 7 consumer VCRs or VCR/DVD Combination Players via infrared transmitters. Hundreds of models are supported. Primary supported manufacturers are Sony, Panasonic, and JVC. No timebase corrector required. With Aavelin RT/HD, VTR/DVD can be used as source to pass through the Aavelin while maintaining crawl lines over top of incoming video.

<b>Uninterruptable Power Supply</b>	<b>UPS1</b>
-------------------------------------	-------------

Protects your Aavelin unit from possible data-loss due to power spikes, surges, and outages. Strongly recommended for areas with frequent power outages.

<b>USB Publishing</b>	<b>AVUSB1</b>
-----------------------	---------------

USB 2.0 embedded flash drive and extension cable for the PC. Allows for publishing of content from PC to Aavelin.

<b>VGA Over Cat5 Transmitter – 8 Port</b>	<b>AVT85</b>
---	--------------

8 port Transmitter. Sends VGA over Cat5 up to 1,000 feet at 1920x1080 resolution with Stereo Audio. Send up to 8 receives. Expand up to 512 Receivers by adding Line Splitters.

**VGA Over Cat5 Transmitter – Single Port****AVT15**

Single port Transmitter. Sends VGA over Cat5 up to 1,000 feet at 1920x1080 resolution with Stereo Audio to a single Receiver.

**VGA Over Cat5 Hub/Line Splitter****AVH5**

Hub/Line Splitter for extending VGA over Cat5 signal to additional receivers.

**VGA Over Cat5 Receiver--Long****AVR5L**

VGA over Cat5 receiver. Receives signal from transmitter or hub from up to 1,000 feet at 1920x1080 resolution with Stereo Audio.

**VGA Over Cat5 Receiver--Short****AVR5S**

VGA over Cat5 receiver. Receives signal from transmitter or hub from up to 250 feet at 1920x1080 resolution with Stereo Audio.

## MPEG Encoding & Decoding Options

**Description****Part#****Edje HD 4111 MPEG Player****AVEdjeHD**

The Edje HD is both an SD and HD digital video player that decodes MPEG 2 and MPEG 4 video. The Unit contains an 80 gig hard drive. With SD Video this allows the user to playback 32 hours of content at a 5 megabit encode rate. With HD Video this allows the user to playback 7 hours of content at a 25 megabit encode rate. Content is transferred to the player via a 100baseT network connection. The Edje HD can be a stand-alone system or controlled by the Aavelin over IP. MPEG video passed through the Aavelin can be full screen or in a scalable window.

**Soloist HD 4111 MPEG Player-300 Gig**  
**Soloist HD 4111 MPEG Player-750 Gig**
**AVSoloHD**  
**AVSoloHD7**

The Soloist HD is both an SD and HD digital video player that decodes MPEG 2 and MPEG 4 video. The Unit contains a 300 gig hard drive. With SD Video this allows the user to playback 133 hours of content at a 5 megabit encode rate. With HD Video, this allows the user to playback 26 hours of content at a 25 megabit encode rate. Content is transferred to the player via a network connection. The Soloist HD can be a stand-alone system or controlled by the Aavelin over IP. MPEG video passed through the Aavelin can be full screen or in a scalable window.

**SignEdje HD 4 Gig**  
**SignEdje HD 8 Gig**  
**SignEdje SD 4 Gig**  
**SignEdje SD 8 Gig**
**AVDMHD4**  
**AVDMHD8**  
**AVDMSD4**  
**AVDMSD8**

MPEG 2 & MPEG 4 Players available in High Definition and Standard Definition. Choose between 4 and 8 Gig of Flash memory. This is a stand-alone player and not recommended for pairing with an Aavelin playback system.

**Edje 4000 Streaming Encoder****AVEdje-SE4**

Edje MPEG 4 IP streaming encoder w/MPEG audio. Takes a composite video input and outputs both an MPEG 4 file as well as an IP Stream. Use Amino Set top boxes for decoding. Allows user to stream at approximately 1.2 to 1.5 megabits for high quality signal.

# Aavelin Training & Services

Description

Part#

---

## Aavelin WebTraining

AVTR1

MagicBox software training is available via the web. A one-hour training session hosted by MagicBox covers Aavelin Composer Software and optional software components. Training includes one Web Connection. This virtual training class can include multiple trainees. For each additional Web Connection add \$35 per hour.

---

## Aavelin Bronze Warranty

AVWAR

Standard Warranty is one-year parts and labor. Extended Bronze Warranty **adds one year** and includes return UPS Ground Shipping of Aavelin Unit if repairs are necessary. Please contact MagicBox directly or visit our website for detailed warranty documentation.

---

## Aavelin Silver Warranty

AVWAR1

Standard Warranty is one-year parts and labor. Extended Silver Warranty **adds two years** and includes return UPS Ground Shipping of Aavelin Unit if repairs are necessary. Please contact MagicBox directly or visit our website for detailed warranty documentation.

---

## Aavelin Gold Warranty

AVWAR2

Standard Warranty is one-year parts and labor. Extended Gold Warranty **adds two years** and includes **overnight shipping** of replacement parts if required. Also **includes free software upgrades during warranty period**. Please contact MagicBox directly or visit our website for detailed warranty information.

---

## Aavelin TxStream Service-NOAA Weather

AVTX1\*

TxStream NOAA weather allows the customer to receive the NOAA weather zone forecast for their local area over a network connection. Forecast data is displayed in one of the 4 overlay/crawl regions. Up to 5 separate geographic regions may be specified. Includes customizable forecast length up to 7 days in advance. Service is for 1 year.

---

## Aavelin TxStream Service-Data Services

AVTX2\*

TxStream Data Services available include data feeds for headline news and financial news, sports scores, and entertainment news. Service is for one year. Call or email for further information.

---

## Combined AVTX1 & AVTX2

AVTXC

Combines the NOAA weather feed and TxStream Data Services listed above. Service is for one year. Call or email for further information.



**MagicBox, Inc.**

1600 SW Western, Suite #130, Corvallis, OR 97333

541-752-5654 Sales 541-752-5614 Fax

[www.magicboxinc.com](http://www.magicboxinc.com)

[sales@magicboxinc.com](mailto:sales@magicboxinc.com)