

# HDMA-4100

AN AFFORDABLE, COMPACT HD VIDEO  
PLAYBACK DEVICE

The HDMA-4100 is a compact, standalone, high-definition video playback unit that is simple to update via a network or USB drive.



MEDIAEDGE® is a multi-channel, multi-location delivery system of either high- or standard-definition (HD or SD) video using standard TCP/IP networks and HD/SD display devices. Comprised of server, encoder, client software, and set-top box (STB) components, this flexible and modular system is ideal for point-of-sale, corporate, and other video-retrieval and digital-signage applications.

The HDMA-4100 is perfect for limited bandwidth applications. Content is pushed to the unit and stored on an internal hard drive for scheduled or on-demand playback.

## High-Quality HD Video Playback

HD video is currently the most talked-about medium for sales promotion and information communication. With the HDMA-4100, presenting sharp, high-resolution HD video couldn't be easier. High-resolution HD video has far greater appeal to viewers than conventional SD-resolution video. It has a strong persuasive power, for highly efficient sales promotion and information communication.

## Supports Scheduled Playback and Video-on-Demand (VOD) Playback

In addition to simply playing back HD video, the HDMA-4100 unit can be used for scheduled playback, where video content is played back according to a user-defined schedule. Content is also available on-demand using an infrared controller. A programming interface allows third-party control systems to take command of playback operation.

## KEY FEATURES

- Supports playback of 1080i and 720p HD MPEG-2 and MPEG-4 (H.264) files, including native HDV, with scheduled playback and basic video-on-demand capabilities
- Standard-definition (SD) NTSC and PAL output
- Performs real-time resolution upconversion and downconversion between SD and HD video
- HDMI output for HD
- Composite outputs for SD
- Import content via an Ethernet network and external USB storage devices
- Easy to install and operate, with a choice of remote control, front panel, or RS-232 interface
- Compact design for any location
- Includes an 80 GB hard drive. Silicon drive options are available



## PACKAGE CONTENTS

- HDMA-4100 unit
- AC adapter

### Compact Design Suitable for Any Location or Application

The HDMA-4100 unit is a compact size of around 8.5 in. (W) x 7.5 in. (D) x 1.73 in. (H) and only about 3.31 lbs. in weight, but contains all the required functions from video content storage to playback. As such, any place with a television or PC monitor can be used as a screening location.

### Capable of Accepting DVD/LD Player-compatible Commands

HDMA-4100 units are able to accept commands (subsets) compatible with commercial Pioneer DVD/LD players. This enables a smooth transition from DVD/LD players to HD, making it easy for art galleries, museums, and other public buildings to upgrade their existing DVD or LD video systems to HD.

## SPECIFICATIONS

Note: HDMA-4100 storage type and capacity varies according to model selected.

### Video Format Output

- HD: 720p50/59.94, 1080i50/59.94, and 1080p 50/59.94
- NTSC: 480i59.94
- PAL: 576i50

### Video Decoder

- MPEG-2 MP@HL
- MPEG-2 MP@H14
- MPEG-2 MP@ML
- ISO/IEC14496-10 (H.264/AVC) High Profile Level 4.0

### Audio Decoder

- MPEG layer II
- Dolby Digital AC-3 (2.0 ch.)

### Digital Video Output

1 x HDMI

### Analog Video Output

1 x composite (RCA)

### Digital Audio Output

1 x SPDIF (5.1 ch., coaxial)

### Analog Audio Output

1 x unbalanced stereo (RCA)

### Network Connection

100Base-TX, 1000Base-T full duplex (RJ-45)

### Serial Port

RS-232 (D-Sub 9-pin)

### USB Port

- 1 USB port with bus powered
- 1 USB port without power

### Dimensions

- Width: 215.5 mm (8.5 in.)
- Depth: 190 mm (7.5 in.)
- Height: 44 mm (1.73 in.)
- Weight: approx. 1.5 kg (3.31 lbs.)

### Service and Support

1-year limited warranty

## DEALERS/RESELLERS

To find your local reseller or dealer for Grass Valley professional audio video products, please visit [professional.grassvalley.com/sales/](http://professional.grassvalley.com/sales/).

## SERVICE & SUPPORT

Twelve-month limited warranty with service provided through local resellers. Additional support available on a contractual basis.