

SONY®

Network Player

NSP-1

Digital Signage



simulated image

INTRODUCTION

Energize Your Digital Signage - A New Level of Dynamics

The mission of marketing managers and business owners has always been to reach their target market with the right promotional message to turn potential customers into customers. Today, one of the best ways to achieve this mission is by using dynamic digital signage solutions driven by the Sony NSP-1 Network Player.

Equipped to handle many layers of high-quality graphics, text, and video, the NSP-1 is ideal for delivering dynamic programming directly to customers. From Macromedia® Flash™ to HTML, and from video to still pictures, it's all available and easy to present with the NSP-1 Network Player. Other features include portrait mode, a dedicated audio track, and an option to feed live video to the unit, which are all key features to make your digital signage more versatile.

Make the powerful NSP-1 the engine that drives your revenue-generating digital signage solutions.

AIRPORTS

HOTELS

SCHOOLS

CORPORATE

HOSPITALS

TRAIN STATIONS



SHOPPING MALLS

FASHION RETAIL

BANKING

FEATURES

Versatile Content Presentation

The NSP-1 is capable of producing up to five image layers for display, including graphics, video, and text. What's more, the NSP-1 has the flexibility to present video stored on its HDD or accept a live video feed that can be played out along with the other layers. Also, in addition to the audio accompanying the video, an extra audio channel is available for background music or narration.

High-Quality Graphics and Text

The NSP-1 supports a variety of graphics including full-color bitmap (.bmp), JPEG, Macromedia Flash, and HTML. Small bitmap images, which are ideal for logos, can be presented at any location on the display. In addition, text can be set for display in any color and in any location on the screen, and can be scrolling, flashing, or still.

Excellent Video Quality

Crisp, clear, and full-of-life DVD-quality video images can be presented with the NSP-1 as it supports MPEG-2 video at a high bit rate.

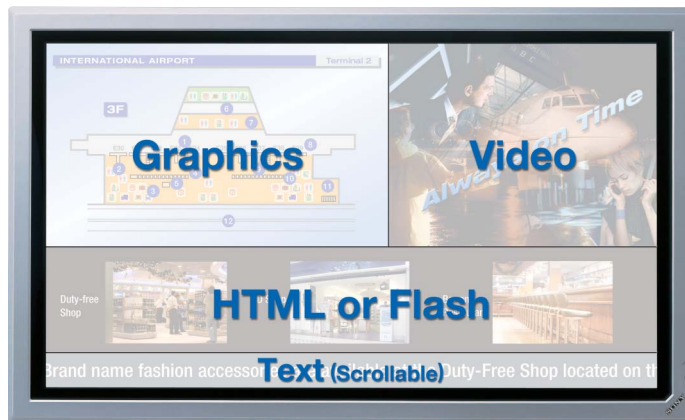
Portrait Mode¹

Both portrait and landscape modes are available for presenting content. In portrait mode, the display can be rotated 90° either clockwise or counterclockwise.

Selectable Output Resolution and Aspect Ratio

Image resolution and aspect ratios can be selected from the following:

- 4:3 RGB: VGA, SVGA, XGA
- 16:9 RGB: WVGA
- 4:3 Composite Video: NTSC, PAL



simulated image

Dedicated Audio Track

A dedicated audio track is ideal for presenting background music or narrations that accompany video and graphics.

Browser-Based Remote Setting & Schedule Confirmation

The NSP-1 comes with a pre-installed easy-to-use menu that can be accessed from a PC browser,² and can be used to control the unit or confirm playout schedules.

- ¹ When the NSP-1 is set to portrait mode, HTML, Flash, Graphics, and text are the only contents displayed in portrait orientation.
- ² Microsoft® Internet Explorer 6.0 or higher is required.

SPECIFICATIONS

General	
Dimensions (w x h x d):	210 x 44 x 167 mm (8 3/8 x 1 3/4 x 6 5/8 inches)
Mass:	Approx. 1.5 kg (3 lb 1 oz)
Power:	Power consumption; Approx. 45 W Power supply; DC 13.5 V provided from an AC adapter
Operating temperature:	+5 to +40°C (+42 to +104°F)
Storage temperature:	-20 to +55°C (-4 to +131°F)
Hard Disk Drive:	40 GB

Output (Media Formats)	
MPEG-2:	[Video]MPEG-2 MP@ML, 4.0 Mb/s - 9.0 Mb/s [Audio]MPEG-1 Audio Layer II 2 channels (fixed), 256 kb/s, 48 kHz
Graphics:	Bitmap (.bmp), JPEG (.jpg), FLASH (.swf), HTML (.htm or .html)
Text:	Bitmap (.bmp), Text (.txt)
Audio:	Linear Audio (.wav), MP3 (.mp3)
A/V In:	NTSC, PAL Stereo Audio

Output (Screen Image)	
Analog RGB:	VGA (640 x 480 pixels), WVGA (848 x 480 pixels), SVGA (800 x 600 pixels), XGA (1024 x 768 pixels)
Composite Video:*	NTSC (720 x 480 pixels), PAL (720 x 576 pixels)
Screen Rotation:	Landscape, Portrait (+90°, -90°)

Interface	
Video OUT:	Analog RGB, HD D-sub 15-pin (female) x1 Composite (RCA phono type) x1
Audio OUT:	Stereo RCA phono type x2, analog unbalanced
Video IN:	Composite (RCA phono type) x1
Audio IN:	Stereo RCA phono type x2, analog unbalanced
Network:	10/100Base-T Ethernet, RJ-45 modular jack x1
PCMCIA:	Type II x1
USB:	USB 1.1 x2
Serial:	RS-232C, D-sub 9-pin (male) x1
GPI:	D-Sub 25-pin (female) x1

Operating System and Network	
Operating system:	Linux
Supporting protocols:	TCP/IP, HTTP

Supplied Accessories	
	AC adapter and AC cable
	Stand for desktop mounting in vertical position
	Operation manual (downloadable from the NSP-1 HDD)
	BZNP-D1LE (Light Edition SW, downloadable from NSP-1 HDD)

* Simultaneous output of Analog RGB and Composite Video is not available



Front Panel



Rear Panel

Distributed by

PC System Requirements⁵

Hardware Requirements

Operating System: Microsoft® Windows® XP Professional (SP1a)

Processor: Intel® Pentium® 4, 1 GHz or higher (or compatible microprocessor)

Memory: 256 MB RAM or more

Display: 1024 x 768 pixels or greater

Graphics Card: 32-bit color video display adapter (OpenGL card recommended)

Network Interface: 100Base-TX

Sound Card: Microsoft® DirectX® compatible sound card

HDD: 100 MB available space for installation

Software Requirements⁶

- Microsoft® Internet Explorer 6.0 or higher
- Microsoft® Windows® Media Player Version 9 or higher
- Microsoft® DirectShow® Version 9.1 (including DirectX® 9.1) must be installed
- Software supporting the MPEG-2 CODEC⁷ (DirectShow® compatible) must be installed

- 5 A network environment and a PC with network capability are required.
- 6 Software applications required to create material for playback, such as graphics, video, Flash files, etc. must be purchased separately. Please contact your local Sony sales office for more details on software requirements.
- 7 MPEG-2 CODEC is supported in applications such as Canopus ProCoder Express, WinDVD, PowerDVD, and DVDIt!

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