

## Network Audio Visual Player DN-V755

The potential has always been there. Computers, audio, and video always seemed like natural partners for getting a message across. Visual messaging seems tailor-made for retailing, houses of worship, kiosks, crisis management, and dozens of other applications. Until now, however, making that happen has always required extensive programming and a complicated network of displays, audio, video, and computer equipment. Aside from the cost of all that technology, expensive programmers and media services were necessary to keep your message up to date. The result-visual messaging has always been blue sky, and every conversation started with "Won't it be great when..."

### "When" Starts Now

The Denon Professional DN-V755 Network Audio Visual Player is honest-to-goodness bona-fide revolutionary. Older systems required specialized software for configuration and control. That meant all your media had to be in the right place at the right time, in the right format, and your staff programmer had to be there with it every time you wanted to update your message. If any of those elements were out of place-thanks, and we'll try again on Monday. With the DN-V755, connect it to a LAN and you're off to the races. There's no software to install or schedule the DN-755 and it can be accessed with any web

### Key Features

- All software is built-in, and accessible over the network from any web-enabled computer
- Automatic IP search (DHCP, APIPA)
- 40 GB internal hard drive
- Plays hours of DVD quality video
- Plays MPEG-2 and MPEG-4 video
- Plays JPEG images
- Plays WAV, .MP3 or .MP2 audio at a variety of quality levels
- Parallel remote control (Switch closure on 15-pin D-Sub)
- Serial control (RS-232C on 9-pin D-Sub)
- Ethernet control (LAN/RJ-45)
- Real-time clock for scripted/automated playback of AV files
- S-Video and Composite (RCA) video outputs
- Unbalanced (RCA) stereo audio outputs
- Generates play-logs for proof of performance

### Applications

Anywhere you have a sign; you'd rather have a digital sign. Visual messaging captures attention by using audio, video, and graphics. Messages can rotate or play on a schedule. Visual signage can even interact with users. Retailers can easily update promotions daily. Lobby signage can display schedules or directories, interspersed with marketing material. Museums and Attractions can create interactive kiosks. Houses of worship can integrate and automate music and projected images from source. And any of these can be turned into crisis management signage on a moment's notice.

### Ease of Use

If you can't figure out how to use it, it's useless. This is where the rubber hits the road, and this is where the DN-755 sets itself apart from



any browser, such as Microsoft® Internet Explorer or Mozilla Firefox. When you connect, it behaves like a website, and adding media is as easy as dragging-and-dropping. Think about that-you can control your message from anywhere in the world.

### Great Expectations

It's from Denon Professional, so naturally, you can feel safe with the highest of expectations. The DN-V755 is capable of storing and playing back hours of DVD quality video, CD quality .wav or .mp3 audio, and JPEG pictures. It even has several contact closures available to make your message interactive, or to interface with external devices such as displays, or lighting. An easy and intuitive built-in programming web browser gives you a host of options for how to plan and schedule the playback of your message, and automatic play logs provide accountability for advertising partners.

anything that has come before. The user interface behaves like a simple website, and creating playlists is a snap. You can create a simple list of media to repeat, or use the internal real-time clock to have certain messages play at certain times. You can even combine the two, so there's always something playing, and special messages occur right on time. Using the contact closure inputs and outputs, the DN-755 can even interact with switches, buttons, sensors and other equipment, giving you extensive creative options for interactive delivery of your message.



### Flexibility and Quality

Standard audio and video outputs allow easy integration with most displays and audio systems. Enormous flexibility of formats includes: MPEG-2 and MPEG-4 video, .WAV, .MP3 and .MP2 audio at a variety of bit-rates, and JPEG images. This variety of formats allows for the very highest display and audio quality, dramatically extended play times, or just about anything in-between. Hours of media can be stored on the included 40 GB hard drive. In fact, you can keep a whole library of signage stored in the player, and ready to go in an instant!

# DN-V755

## Specifications

### Input/Output terminals

Composite RCA terminal  
Y/C separated signal output S terminal  
Audio output RCA terminal (stereo)  
DC input terminal, serial mode (D-sub female 9 pin) terminal (RS-232C)  
Parallel remote (D-sub female 15 pin) terminal  
Ethernet (LAN) (RJ-45) terminal  
(10 BASE-T/100 BASE-TX, automatic selection)

### Video performance

Video outputs Composite	1.0 Vp-p (negative resistance 75 OHM) S-Video
Y (brightness) signal	1.0 Vp-p (negative resistance 75 OHM)
C (color) signal	286 mVp-p (negative resistance 75 OHM) (NTSC)
Sampling frequency	13.5 MHz
S/N ratio	50 dB or greater

### Audio performance

Output level	2.0 Vrms (negative resistance 10 OHM.: 1 kHz 0 dB playback)
Distortion	0.1% or less (when playing 1 kHz 0 dB sine wave using LPF)
S/N ratio	80 dB or greater (when playing 1 kHz 0 dB sine wave using LPF and A-Filter)
Channel separation	70 dB or greater (stereo, when playing 1kHz 0 dB sine wave using LPF and A-Filter)
Frequency response (1 kHz base)	Within $\pm 3$ dB at 20 to 20 kHz : fs = 48/44.1 kHz

### General

Internal clock error	Within 60 seconds per month
Power supply	AC Adapter (SEA40N2-12.0) : Input AC 120~230V, 50/60 Hz DC 12V 1.0A
Power consumption	DC 12V 1.0A
Surrounding conditions	(Does not include recorded media)
Operating temperature range	5 - 35° C
Operating humidity range	5 - 85%
Storage temperature range	-20 - 60° C
Storage humidity range	5 - 90%
Dimensions	
Width	8.6 in (220 mm)
Depth	1.7 in (44 mm)
Height	10.6 (270 mm)
Weight	5.5 lbs (2.5 kg)

### Media Format Specifications

#### Audio/Video Files

The DN-V755 supports MPEG-2 and MPEG-4 audio/video formats

File Extension	MPEG-2 - .mpg MPEG-4 - .avi
Video	MPEG-2 - ISO/IEC13818-1 MPEG-2 (MP@ML) PS MPEG-4 - ISO/IEC14496-4 MPEG-4 (ASP@L5) (AVI)
Audio	MPEG-2 - ISO/IEC11172-3 MPEG-1-L2, 48kHz, 44.1kHz, 32kHz MPEG-4 - ISO/IEC11172-3 MPEG-1-L3 32kHz, 44.1kHz, 48kHz, PCM 32kHz, 44.1kHz, 48kHz 16-bit
Max. Bit Rate	MPEG-2 - 10Mbps MPEG-4 - 6Mbps
Resolution	MPEG-2 - 720 x480 MPEG-4 - 720 x480
Note	MPEG-2 - All files will be scaled to a 4:3 display. MPEG-2 files are displayed as full screen images. MPEG-4 - All files will be scaled to a 4:3 display and are assumed to be square pixel. MPEG-4 files are displayed as full screen images. MPEG-4 with quarter pixel motion vectors or Global Motion vectors are not supported.

#### Picture-Only Video Files

The DN-V755 supports the MPEG-2 picture-only video format: MPEG-2

File Extension	.mpv
Video	ISO/IEC13818-2 MPEG-2 (MP@ML) ES
Max. Bit Rate	10Mbps
Resolution	720 x480
Note	All files will be scaled to a 4:3 display. MPEG-2 files are displayed as full screen images.

#### Audio-Only Formats

The DN-V755 supports MP2, MP3 and WAV audio-only file formats

File Extension	MP2 - .mp2 MP3 - .mp3 WAV - .wav
Audio	MP2 - ISO/IEC11172-3 MPEG-1- L2 MP3 - ISO/IEC11172-3 MPEG-1- L3 WAV - 16-Bit Linear PCM
Sample Rate	MP2 - 48kHz, 44.1kHz, 32kHz MP3 - 48kHz, 44.1kHz, 32kHz WAV - 48kHz, 44.1kHz, 32kHz
Resolution	MP2 - 16-bit MP3 - 16-bit WAV - 16-bit

#### Photo Formats

The DN-V755 supports JPEG picture file formats: JPEG

File Extension	.jpg
Picture	JPEG
Resolution	720 x 480
Max. Supported Resolution	2400 x 2400
Note	All pictures are scaled to 720 x480. Rescaling large pictures or very small pictures may take several seconds. The DN-V755 is not compatible with Progressive JPEGs as well as JPEG 2000's.

PLEASE NOTE: Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

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1 2 3 4 5 6 7 8 9  
min | max  
LEVEL