DENON
PROFESSIONAL
ONE CYCLE

*S*implifying Multimedia Signage

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Network Audio Visual Players
DN-V755/V750

Multimedia signage used to mean three things-poor quality, hard to use, and worst of all, unreliable. Now, Denon Professional reinvents the world of multimedia signage with the DN-V755/V750 Network Audio/Visual Players.

Applications from theme parks to convention centers, from museums to malls, from airports to education, and many others will vastly improve the quality and effectiveness of their digital signage, while simultaneously making it easier to use.

Multiple control and programming options, along with hours of better than DVD quality video and CD quality audio, all combine to open a new world of flexibility and creativity in digital signage. Denon Professional's revolutionary network emulation makes uploading media and scripts from a computer simple, and allows you to spend your time on your message, not on programming your presentation system. And of course, it's all from Denon Professional, which means you can count on it working day in and day out.

Denon Professional Products has always been about letting you get back to the work that matters. Traditional A/V signage systems left you struggling with the technology. The Denon DN-V755 is a whole new approach.

Features RS-232C

DN-V755 Network Audio Player

Key Features
- 40 GB internal hard drive (DN-V755 only)
- Up to 8 hours of DVD quality video (DN-V755 only)
- Internally expandable to 137 GB (DN-V755 only)
- Plays 720 x 480 MPEG-2 at 10 Mbps or below
- Plays I-Pictures (720x 480)
- Plays .Wav or MPEG-1 (layer II) audio at 44.1 kHz or 48 kHz
- 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 A/V files
- Simple Windows™ application for easy set-up and file transfer.
- S-Video and Composite (RCA) video outputs
- Unbalanced (RCA) stereo audio outputs
- DN-V750 version offers PCM-CIA slot for removable storage, instead of internal hard drive.

Digital Quality
Older systems played fuzzy VHS tapes, which suffered from clarity and tracking problems or involved expensive and cumbersome PC/software based solutions. The DN-V755 MPEG-2 video files at up-to and beyond DVD quality. Traditional audio playback came in the form of cassettes or low-bandwidth digital audio, which usually ended up sounding like a telephone, or like there was a pillow in front of the speaker. The DN-V755 offers MPEG-1 (layer II) audio playback, and even uncompressed 16-bit PCM playback from .Wav files. Sill pictures, such as i-pictures, can be easily uploaded for signage or presentation.

Extensive Capacity
The internal hard disk drive of the DN-V755 can hold up to eight hours of DVD quality video. Lower bitrates can be used to extend video time. Alternatively, thousands of photographs or graphics, and

hours of CD-quality audio, or any combination of the above can be stored. Files for multiple presentations can be stored, and script files will instruct the DN-V755 on what to play, and when to play it. If your storage needs are greater than that, you can more than triple the storage capacity by upgrading to an internal 137 GB hard drive.

Control and Programmability
Designed for both ease of use, and flexibility, the DN-V755 offers multiple options for control. In addition to front panel controls, customized control surfaces can be easily created with the parallel connection. This 15-pin D-Sub connector offers switch-closure control of major functions. A 9-pin RS-232C serial port allows standardized serial control.

Media Transfer
The DN-V755 eliminates the laborious process of real-time recording or even transfer of files from media cards. Uploading MPEG video, .wav files and other media directly from your computer is accomplished via the DN-V755's built-in LAN port. An easy-to-use Windows™ application makes selecting and transferring your files a breeze.

Play Logs
The DN-V755 can keep a record of the time and date each file is played. For systems integrating safety announcements or paid advertising, play logs can serve as proof of performance.

DN-V750
The DN-V750 offers all of the features of the DN-V755, but instead of an internal hard drive, the DN-V750 offers a PCM-CIA card slot. Any standard PCM-CIA hard drive (or other storage device) can be used for removable-and thereby virtually unlimited-storage.

DN-V755/V750

DN-V755 and DN-V750 Network Audio Visual Players

DN-V750 Network Audio Visual Player

Specifications

Playable formats	**Movie + sound or movie only**	
	ISO/IEC 13818-1 MPEG2 MP@ML PS (Program Stream) files (movie + sound)	
	ES files (movie only) Resolution : 720 480 (NTSC) / 720 576 (PAL)	
	Still images	
	ISO/IEC 13818-2 MPEG2 MP@ML ES files	
	Resolution : 720 480 (NTSC) / 720 576 (PAL) per frame intraframe	
	Audio format	
	MPEG1-Audio Layer 2 (ISO/IEC 11172-3)	
	Sampling frequency : 48 kHz, 44.1 kHz	
	Max. bit rate	
	Max.10 Mbps total for video + audio (as per card performance)	
Recording medium	Recommended Flash memory card (DN-V750)	
	Built-in hard disc drive (DN-V755)	
Input/output terminals	Composite output 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 10(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)
	S-Video Y (brightness) signal	: 1.0 Vp-p (negative resistance 75)
	C (color) signal	: 286 mVp-p (negative resistance 75) (NTSC)
		: 300 mVp-p (negative resistance 75) (PAL)
	Sampling frequency	: 13.5 MHz
	S/N ratio	: 50 dB or greater
Audio performance	Output level	: 2.0 Vrms (negative resistance 10k: 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 1 kHz 0 dB sine wave, using LPF A-Filter)
	Frequency response (1 kHz base) : Within 0 ± 3 dB at 20 to 20 kHz	
		: fs = 48/44.1 kHz
Internal clock error	Within 60 seconds per month	
External dimensions	220 mm (width) 44 mm (height) 270 mm (depth)	
Weight	DN-V750 : 2.0 kg (not including flash memory card) DN-V755 : 2.5 kg	
Power supply	AC adapter (SEA40N2-12.0) : Input AC 120–230V, 50/60 Hz	
Power consumption	DC 12V 0.5A (DN-V750) / 1.0A (DN-V755)	
Surrounding conditions	Operating temperature range : 5 to 40°C (DN-V750) / 5 to 35°C (DN-V755)	
	Operating humidity range : 5 to 85%	
	Storage temperature range : -20 to 60°C (not including recording media)	
	Storage humidity range : 5 to 90% (not including recording media)	
Period of warranty	2 year from date of purchase (not including recording media)	
Accessories	1RV Rack Kit Included for one or two machine use	

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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