

PRODUCT PREVIEW

MVP851 DVD/CD AUDIO/VIDEO PLAYER

Project 1171

PROMOTIONAL HIGHLIGHTS

REGION CODE 1

AUDIO

- 192KHz/24 Bit Audio DAC
- Plays DVD-Video, DVD-Audio, CD/CD-R/RW and MP3 Discs
- Separate Stereo Audio Outputs For CD, Dolby Digital and DTS
- Balanced Stereo Output
- Built In DVD Audio, Dolby Digital and DTS Decoder
- Coaxial and Optical Digital Audio Output
- 5.1 Audio Out
- Speaker Calibration
- Subwoofer Out
- Balanced and Unbalanced 2 Ch Audio Out

VIDEO

- NTSC Video Output
- 12 Bit Video DAC
- MPEG Digital Noise Reduction
- Progressive Scan
- Switchable Component Out (480P/480I)
- Component, 'S' and Composite Video Output
- Still Picture Display (I/P/B)

TRANSPORT

- Twin Laser Optical Pickup for DVD and CD Play
- Fast and Quiet Mechanism with Digital Servo

OPERATION

- Chapter Preview
- Hi-Speed Smooth Motion Scan:
5 Speed Up To X100
- On Screen Menu Icons

FEATURES AND BENEFITS

192KHZ/24 BIT AUDIO DAC

The MVP851 is equipped with a 96KHz/24-bit digital to analog converter. This advanced audio DAC can handle high fidelity 192KHz/24-bit sound, one of the highest qualities in the DVD format.

DOLBY DIGITAL AND DTS AUDIO OUTPUT

The MVP851 provides separate L and R stereo audio outputs for CD, Dolby Digital and DTS.

BALANCED STEREO OUTPUT

XLR connectors are provided for a balanced stereo output.

BUILT IN DVD-A, DOLBY DIGITAL AND DTS DECODER

The built in decoder outputs 5.1 audio surround sound with speaker calibration.

COAXIAL AND OPTICAL DIGITAL AUDIO OUTPUT

The MVP851 has both coaxial and optical digital audio outputs for an external decoder.

12 BIT VIDEO DAC

With the 12-bit digital-to-analog converter, video signal processing can be performed at a fast rate, minimizing digital artifacts for enhanced DVD picture quality.

MPEG DIGITAL NOISE REDUCTION

During playback, advanced 3D-DNR circuitry effectively and selectively removes only the noise components from the video signal.

PROGRESSIVE SCAN

Progressive scanning (480P) is a method of creating a hi density video signal that doubles the scan lines of a conventional picture to create a noticeably sharper image.

COMPONENT, 'S' AND COMPOSITE VIDEO OUTPUT

The MVP851 has component, 'S' and composite video output for variety of monitors. The component video output offers highest possible picture quality.

STILL PICTURE DISPLAY (I/P/B)

The MPEG2 compressed video signal is recorded as three different kinds of images I, P, and B. With the image offering the best picture quality and the P and B images representing the differences between successive I images. I image should be used when making picture quality adjustments.

discs)

TWIN LASER OPTICAL PICKUP

The pickup uses one objective lens with two laser units having different wavelengths optimized for DVD and CD reproduction. It provides for DVD-RAM, DVD-Audio, DVD Video, CD/Video, CD/ CD-R/RW and MP3 play.

FAST AND QUIET MECHANISM WITH DIGITAL SERVO

The MVP851 has a new mechanism with the advanced digital servo for fast, quiet and accurate operation.

CHAPTER PREVIEW

The Chapter Preview feature automatically shows you the first three seconds of each previously viewed chapter, and then proceeds with normal play.

HI-SPEED SMOOTH MOTION SCAN TO X100

This feature provides quality scan in five speeds, ranging from slow motion to high speed in both forward and reverse.

QUICK START

Once a disc has been inserted into a player, and the play button has been pressed, a picture will appear on screen in a matter of seconds.

ON SCREEN MENU ICONS

This feature allows you to control variety of settings via remote control.

ADDITIONAL FEATURES

- Repeat mode
- Title/Chapter Search with Marker Function
- Auto Power Off/Resume Play
- Power Control In/Out
- Data Control Input
- IR Sensor Input
- Glass Front Panel
- Fiber-Optic Panel Illumination
- Gold Plated Connectors
- R-core Toroidal Transformer

SPECIFICATIONS

SIGNAL SYSTEM NTSC Region Code 1

DISCS PLAYED

1. DVD-RAM (DVD-VR Compatible)
2. DVD-Video
3. DVD-Audio
4. CD-Audio (CD-DA)
5. Video CD
6. CD-R/CD-RW (CD-DA, Video CD formatted)

VIDEO OUTPUTS**COMPOSITE OUTPUT**

Output Level	1Vp-p (75 Ohms)
Output Connector	RCA Jack
Number of Connectors	2

S VIDEO OUTPUT

Y Output Level	1 Vp-p (75 Ohms)
C Output Level	0.286 Vp-p (75 Ohms)
Output Connector	"S" Mini DIN
Number of Connectors	1

COMPONENT VIDEO OUTPUT (480P/480I)

Y Output Level	1 Vp-p (75 Ohms)
Pb Output Level	0.7 Vp-p (75 Ohms)
Pr Output Level	0.7 Vp-p (75 Ohms)
Output Connectors	3 RCA Jacks

AUDIO OUTPUTS**STEREO**

Output Level	2 Vms (1kHz, 0 dB)
Output Connectors	2 RCA Jacks 2 XLR Balanced

5.1 SURROUND

Output Level	2 Vms (1kHz, 0 dB)
Output Connectors	6 RCA Jacks

FREQUENCY RESPONSE

DVD (linear audio)	4Hz-22kHz (48kHz) 4Hz-44kHz (96kHz)
DVD-Audio	4Hz-88kHz (192kHz)
CD Audio	4Hz-20kHz

S/N RATIO

CD Audio	115dB
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DYNAMIC RANGE

DVD (Linear Audio)	103dB
CD Audio	99dB

TOTAL HARMONIC DISTORTION

CD Audio	.002%
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DIGITAL AUDIO OUTPUTS

Optical	TOS Link
Coaxial	RCA Jack

INTERNATIONAL AC INPUT CONNECTOR

Wired for 120VAC, 50/60Hz
2Watts Standby
30 Watts Operating

From the McIntosh Design Engineering Department

Issued	April 26, 2002	lwf
Rev. 1	April 29, 2002	lwf
Rev. 2	July 23, 2002	lwf



