

**MVP851 DVD
Audio/Video Player**



**“music and movies
as they were meant
to be experienced”**

No one but McIntosh could hold home entertainment and versatility to the standards you'll come to demand once you experience the MVP851.

This superbly-engineered DVD audio/video player boasts high-resolution video processing, progressive scan video output, 192kHz/24 bit audio decoding and multi-channel audio formats, including DVD-Audio.

Among the MVP851's many video capabilities are 54mHz/12 bit video processing for accurate and stable color reproduction and selectable format component outputs. Audio features include Dolby Digital, DTS and DVD-Audio decoders, digital audio remastering, optical and coaxial digital outputs as well as analog 5.1 audio outputs, including subwoofer, and both balanced and unbalanced dedicated 2-channel audio outputs.

The transport is a twin laser optical pick up for DVD and CD play, a fast and quiet mechanism with digital servo.

Team the MVP851 with a McIntosh theater control center to enjoy consistently uncomplicated playback in a variety of formats, with all outputs always live. Combine the player with any preamp with a six-channel input, including earlier McIntosh models, without sacrificing access to any of the MVP851's new supported formats.

Compatible Disc Types*

DVD-Video	CD-Audio (CD-DA)
DVD-RAM (4.7GB)	CD-R
DVD-Audio	MP3-CD
96/24 DTS	Video CD

- Digital Remastering
- MPEG Digital Noise Reduction
- Progressive Scan (480P)
- Still Picture Display
- Chapter Preview
- Title/Chapter Search with Marker Function
- Hi-Speed Motion Scan to 100X
- Repeat Mode
- Auto Power Off/Resume Play
- On-Screen Menu Icons
- Glass Front Panel
- Fiber-Optic Panel Illumination
- R-Core Toroidal Transformer
- Gold-Plated Connectors
- Power Control In/Out
- IR Sensor Input
- Data Control Input

*Some recorded discs may not be able to play due to the condition of the recordings.



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MVP851 DVD Audio/Video Player

DIGITAL VIDEO NOISE REDUCTION

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

REMASTERING WITH THE MVP851

Remastering improves the quality of standard CD recordings. Convert 44.1 kHz/16 bit to 88.2 kHz/24 bit with the MVP851's advanced digital signal processing.

Enables use of the digital outputs with equipment that cannot process high data rates. In the set-up menu, simply adjust the digital outputs to downconvert the 96 kHz high resolution format to 48 kHz or the CD remastering 88.2 kHz to 44.1 kHz.

AUDIO SPECIFICATIONS

NUMBER OF CHANNELS

2 and 5.1

FREQUENCY RESPONSE

DVD, 4 Hz to 22 kHz

(48K sampling)

DVD, 4 Hz to 44 kHz

(96 kHz sampling)

DVD-Audio, 4 Hz to 88 kHz

(192 kHz sampling)

CD Audio, 4 Hz to 20 kHz

HARMONIC DISTORTION

0.003% (1,000Hz)

CD SIGNAL-TO-NOISE RATIO

Better than 110 dB (A-weighted)

CONVERTERS

One each 192kHz/24-bit

Three each 96Hz/24bit

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

OUTPUT LEVEL

2.0 Vrms Balanced (2 channel output)

2.0 Vrms Unbalanced (2 channel output and 5.1 channels)

OUTPUT IMPEDANCE

600 Ohms Balanced (2 channel output)

600 Ohms Unbalanced (2 channel output and 5.1 channels)

DYNAMIC RANGE (DVD)

Better than 100dB (linear audio)

DYNAMIC RANGE (CD)

Better than 98dB

CHANNEL SEPARATION

Better than 110dB (1,000Hz)

VIDEO SPECIFICATIONS

SIGNAL SYSTEM

NTSC Region Code I

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

VIDEO PERFORMANCE

Simultaneously active Composite,

S, and component Video outs.

12 bit Video Processing for 5500-

color resolution.

Artifact-free Progressive Scan

defeatable on the front panel.

Black level control

Contrast

Brightness

Sharpness

Color

Gamma

3D-NR

Block NR

Mosquito NR

V Sharpness (vertical only)

Edge

Tint

MPEG DNR

Selectable Transfer Mode Progressive Scan:

Auto- Film

Auto 2- Film to 30 frames per second

Auto 3- For animation played back at 30 frames per second

Video-sourced material

VIDEO OUT ADJUSTMENTS

TV Aspect Ratio:

4:3 Pan and Scan

4:3 Letterbox

16:9

TV Type:

Direct View

CRT Projector

LCD/DLP Projector

Rear Projection

GENERAL SPECIFICATIONS

DIGITAL OUTPUT

Optical: -15dbmm to -21dbm

Coaxial: 0.5V p-p/75 ohm

DIGITAL SIGNAL FORMAT

Sampling Frequencies: 44,100Hz,

48,000Hz & 96,000Hz

TRANSPORT

Laser Beam Wavelength:

658nm/790nm

Laser Power: CLASS IIa/CLASS I

Power requirements

120 Volts, 50/60Hz at 30 watts

Dimensions: (H x W x D)

inch: 5 $\frac{3}{8}$ " x 17 $\frac{1}{2}$ " x 15"

cm: 13.7 x 44.5 x 38.1

Includes clearance for connectors.

Panel clearance required in front of mounting panel is $\frac{3}{4}$ " (1.9cm)

Note: when DVD/CD tray is opened, the panel clearance required in front of mounting panel is 6 $\frac{3}{4}$ " (17.2cm)

Weight

20 lbs. (9.1Kg) net

34 lbs. (15.4Kg) shipping

The MVP851 has balanced outputs for the left and right channels when playing an audio CD. When a multichannel DVD disc is playing, the balanced left and right outputs contains a mix-down of the multichannel sound.

