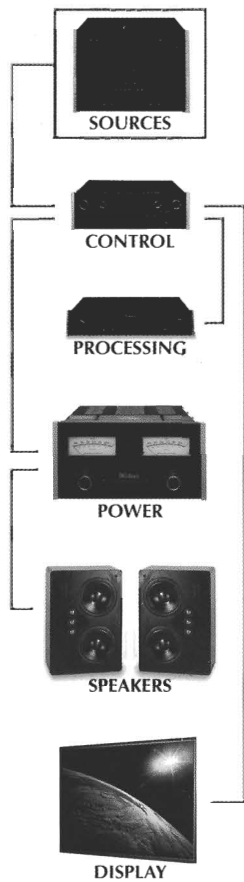


**McIntosh**<sup>®</sup>  
THE GREAT AMERICAN POWERHOUSE



**MVP831 DVD/CD/Video CD Player**



See "SYSTEMS ENGINEERING"  
in main brochure for more on  
McIntosh system architectures.

# MVP831

## DVD/CD/Video CD Player



Videophiles and audiophiles can agree on at least one point: DVD is the best of both worlds. The MVP831 features advanced video processing and an ultra-stable transport that optimizes disc playback. The six-channel Dolby Digital® or DTS® soundtrack data is available via an optical or coaxial digital output. The MVP831's high-performance audio section features a 24-bit Burr-Brown DAC that handles 24/96 music DVDs.

## Featured Technologies

**10-BIT VIDEO CONVERTER.** The MVP831 features an extremely fast video DAC that eliminates digital artifacts, resulting in film-like picture quality. A DVD is capable of delivering 500 lines of horizontal resolution, which is more than twice that of standard VHS tapes.

**ULTRA-STABLE TRANSPORT.** Stability is particularly important in a home theater environment with high sound-pressure levels. The MVP831's side suspension dampers and hydrodynamic bearing spindle motor improve disc trackability for a lower bit-error rate. This improves picture quality as well as the digital output to the audio decoder.

**DUAL-FOCUS LENS.** Rather than using two separate laser assemblies to read dual-layer discs, the MVP831 employs just one laser that is split and then passed through a dual-focus lens. This elegant solution reduces mechanical complexity, improving reliability and durability.

**24-BIT AUDIO DAC.** The MVP831's high-performance audio section features a 24-bit Burr-Brown DAC that can play 24/96 music DVDs.

**CONTROL DATA INPUT.** This enables a McIntosh Control Center to operate the MVP831.

**REMOTE POWER CONTROL.** This enables the MVP831 to turn on/off with other McIntosh equipment.

## About the MVP831 Companion Products

The McIntosh products shown at right are logical companions for the MVP831. Separate literature is available. Check with your McIntosh dealer for any late additions. McIntosh speaker systems are also covered in detail in separate literature.



**MX132 A/V Control Center + Processor; MC7205 5-Channel Power Amplifier.** The MX132 is the brains behind a McIntosh home theater system. It features precision decoding of Dolby Digital® and DTS® soundtracks and connects to the powerful MC7205 via a single cable. The MC7205 delivers 200 watts (4Ω) to all five channels.

**HT Series Loudspeakers.** These THX®-certified speakers deliver a musical, non-fatiguing sound not often heard from home theater speakers. The HT1 can be used for all three front channels or with the compact HT4 in the center. The rear-channel HT3F dipoles mount flush to a wall or ceiling and are also available in an on-wall version (HT3W). The HT2 passive subwoofer can be driven by the

potent MC162 power amp in bridged mode. The HT2's dual 12-inch LD/HP® bass drivers deliver deep, well-controlled bass that will satisfy even large listening rooms.

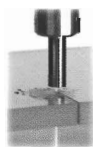
**SL1 Powered Subwoofer.** An alternative to the HT2, the powered SL1 delivers tight, deep bass (down to 20Hz) with its 12-inch LD/HP® driver and built-in 250-watt McIntosh amplifier.

**RCT3 Remote Translator.** The Translator allows non-McIntosh components to be operated with a McIntosh handheld remote or keypad controller. It connects to the data outputs on McIntosh Control Centers such as the MX132.

**PC4 AC Power Controller.** The PC4 provides five AC outlets (four switched) for turning non-McIntosh components on and off automatically when it is connected to the power control output of a Control Center or Integrated Amplifier.



As seen on the inside surface of this demonstration piece, the screening process for a McIntosh glass panel entails as many as 12 individual layers.



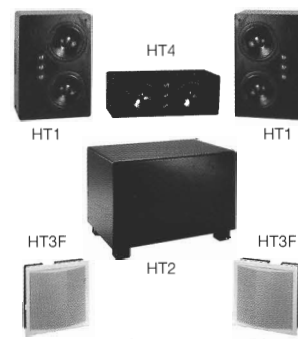
The glass panels are cut using a computer-controlled high-pressure water jet.



MX132 A/V CONTROL CENTER + PROCESSOR



MC7205 5-CHANNEL POWER AMPLIFIER



HT SERIES LOUDSPEAKERS



MC162 POWER AMPLIFIER (TO DRIVE HT2 SUBWOOFER)



SL1 POWERED SUBWOOFER



RCT3 REMOTE TRANSLATOR



PC4 AC POWER CONTROLLER

Why  
Choose  
McIntosh  
?

Most consumer electronics products are necessarily viewed as short-term investments because either they don't last or they quickly become obsolete in some way. *Coincidentally*, manufacturers supply a steady stream of "new-and-improved" products that you can buy. *Again*.

Behind every McIntosh is a fifty-year heritage of excellence, proudly carried forward by every employee. No production

lines, no "price-point" engineering, no planned obsolescence. McIntosh equipment is made to sound better and last longer.

When McIntosh products are presented to customers, the criteria they have been conditioned to overlook – reliability, longevity, craftsmanship, ease-of-use, adaptability, pride of ownership – suddenly leap to the top of their list.

The choice becomes clear: *There is nothing like a McIntosh.*

# MVP831 DVD/CD/Video CD Player



## FEATURES

- 24-bit, 96kHz Burr-Brown digital-to-analog audio converter
- 10-bit high-resolution digital-to-analog video converter
- 2 digital outputs (optical or coaxial) for Dolby Digital® and DTS® data stream
- Stereo analog output for two-channel applications
- Composite and S-Video outputs
- Ultra-stable transport with side suspension dampers and hydro-dynamic bearing spindle motor
- Dual-focus hologram lens eliminates need for separate lasers
- Control data input links to a McIntosh Control Center
- Remote power control
- 5-speed smooth scan and slow motion
- Field or frame still (auto switching)
- Title/chapter search with marker function
- Scrolling text display
- On-screen operating menu
- Gold-plated output jacks
- Modular construction with steel chassis
- Glass front panel with illuminated nomenclature
- Infrared remote control with backlit DVD functions

## SPECIFICATIONS

### VIDEO

**Signal System**  
NTSC

**S-Video Y Output Level**  
1Vp-p (75 ohms)

**S-Video C Output Level**  
0.286Vp-p (75Ω, NTSC)

**Video Output Level**  
1Vp-p (75 ohms)

**AUDIO**  
**Channels**  
2

**Output Level**  
2.2Vrms

**DVD Frequency Response**  
4Hz to 22kHz  
(48kHz sampling, linear audio)  
4Hz to 44kHz  
(96kHz sampling, linear audio)

**CD Frequency Response**  
4Hz to 20kHz

**CD Signal-to-Noise Ratio**  
> 110dB (A-Weighted)

**DVD Dynamic Range**  
> 100dB (linear audio)

**CD Dynamic Range**  
> 98dB

**Harmonic Distortion**  
0.003% (@1kHz)

**Channel Separation**  
> 110dB (@1kHz)

### GENERAL

**Digital Output**  
Optical: -15dBm to -21dBm  
Coaxial: 0.5Vp-p (75 ohms)

**Digital Signal Format**  
Sampling frequency: 44.1kHz and 48kHz

### Transport

Laser wavelength: 655nm  
Laser power: Class II

### Power Requirements

100V 50/60Hz, 28W  
110V 50/60Hz, 28W  
120V 50/60Hz, 28W  
220V 50/60Hz, 28W  
230V 50/60Hz, 28W  
240V 50/60Hz, 28W

### Dimensions (h x w x d)

inch: 5.375 x 17.5 x 15  
cm: 13.7 x 44.5 x 38.1  
includes clearance for rear connectors  
knob clearance: 0.75" (1.9 cm)

### Weight

20 lbs. (9.1kg) net  
34 lbs. (15.4kg) shipping

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