

# / HD 990

CD player with RLS III



## Highlights

- CD text support
- HRS (high-resolution synchronization) link
- MP3 playback with ID3 support
- 24-Bit/384kHz SRC
- Direct DSP mode
- RLS-III
- Balanced XLR outputs
- CD-R/CD-RW playback
- Digital inputs

To build a CD player without equal, there are no shortcuts, no compromises, no easy answers. Optimized for precision playback above all, the HD 990 employs two high-performance stereo digital-to-analog converters to deliver fourth-generation Real-Time Linear Smoothing (RLS III), creating a spacious, richly detailed sound that other players simply cannot duplicate.

## Key Specifications

- Frequency Response: 20Hz – 20kHz, +0dB/–0.5dB; "A"-weighted S/N Ratio: >117dB; THD: <0.0009% @ 1kHz; Dynamic Range: >116dB; Channel Separation: >115dB
- Dimensions (H x W x D) and weight: 63mm x 440mm x 332mm, 3.9kg

Depth measurement includes knobs, buttons and terminal connections, unless stated otherwise; height measurement includes feet and chassis, unless stated otherwise.

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## Features

### Connectivity

- One analog stereo audio output
- Two digital audio outputs (one coaxial and one optical)
- Two digital audio inputs (one coaxial and one optical)
- Two real balanced outputs with dual Diamond Class A output stages, using XLR connectors
- One high-resolution synchronization (HRS) link with supplied synchronization cable
- IR remote extension jacks for control of the player when placed in a cabinet

### Ease of Use

- Digital processing for highest possible jitter rejection based on a 32-bit DSP
- 24-Bit/384kHz asynchronous sample rate converter (ASRC)
- 24-Bit resolution enhancer for lowest possible noise level and intermodulation distortion (IMD)
- One high-grade Analog Devices AD1955 D/A converter per channel, capable of highlighting the outstanding performance of the ASRC
- Direct 8fs interface between an Analog Devices Blackfin® DSP and an Analog Devices DAC for optimum performance
- HRS link for high-precision, jitter-free clock synchronization and data transmission between HRS-link-enabled devices
- Real-time Linear Smoothing III (RLS-III), resulting in a total linear phase processing and highest jitter rejection
- Two digital inputs for dramatic sound quality improvement of external devices
- CD playback with CD Text functionality
- MP3 playback with ID3 Tag information
- Digital outputs for direct connection to external digital-to-analog converters
- Sophisticated programming features to automatically play tracks in preprogrammed or random order
- Direct entry of discs and tracks from the remote control; forward and reverse disc skip
- Display of time elapsed and time remaining of current track, or time remaining of programmed tracks
- Full compatibility with CD-R and CD-RW format to play (finalized) recordable and erasable discs
- Dot-matrix display
- Dimmer reduces brightness of the information screen, or switches it off completely
- Remote control input and output for control via system remote control of compatible Harman Kardon® amplifiers

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Features, specifications and appearance are subject to change without notice.

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Harman Consumer Group, Inc.  
8500 Balboa Boulevard, Northridge, CA 91329, USA  
[www.harmankardon.com](http://www.harmankardon.com)

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