

# RT-10

## Disc Player



- > DVD-Video, DVD-Audio, and DVD-R/RW compatibility
- > Audio CD, CD-R/RW, Video CD, and SVCD compatibility
- > SACD compatibility (stereo or multi-channel)
- > MP3 and MPEG compatibility
- > 12-bit/108MHz video digital-to-analog converters (DACs)
- > Progressive-scan component video output on RCA, BNC, and D1/D2 connectors
- > Frame rate conversion for superior film-based DVD reproduction
- > Pure Cinema processing
- > Comprehensive video adjust menu
- > 24-bit/192kHz audio conversion
- > Digital audio output on S/PDIF coaxial, optical, and AES/EBU connectors
- > Still frame, frame-by-frame, slow, random, repeat, A-B repeat, and program list playback modes
- > Stored disc preferences for up to fifteen discs
- > Setup Navigator
- > Customizable setup menu
- > Up to five setup menu shortcuts
- > Composite and S-video outputs
- > Trigger input
- > Rear panel IR input
- > Optional rack mount kit

The RT-10 is a very high-quality universal disc transport designed to play virtually any of the 5-inch optical media discs available today. It supports CD (including CD-R, CD-RW, Video CD, SVCD, and MP3), DVD (including DVD-Video, DVD-Audio, DVD-R, and DVD-RW), and SACD (stereo and multi-channel). With its sleek aluminum front panel and elegant design, it is the ideal companion to the rest of the Lexicon product line.

The RT-10 is replete with high-quality video technologies, including progressive-scan component video output, pure cinema processing, and 12-bit/108MHz DACs that minimize video signal degradation during analog conversion. A wide selection of video connectors includes the standard composite and S-video outputs, as well as progressive-scan component video output on both RCA and professional-grade BNC connectors. Progressive-scan processing converts interlaced component video signals to progressive-scan component video, doubling the amount of video information sent to a compatible display device for a more stable, flicker-free image with fewer video artifacts. For even greater enhancement, pure cinema processing automatically converts film sources recorded at 24 frames-per-second to 60 frames-per-second, producing an image rivaling that which appears in most local cinemas.

Three S/PDIF digital audio outputs allow for external decoding and processing of Dolby Digital, DTS, and PCM sources. The RT-10 also has built-in 24-bit/192kHz DACs for all six analog output channels to allow high-bandwidth formats, such as DVD-A and SACD, to be enjoyed in full resolution without any reduction in the sampling rate or digital word length. The result is pristine, high quality audio from any disc. The remote control provides one-touch deactivation of all video outputs for the cleanest possible audio signal.

The RT-10 is equipped with an extensive array of controls and adjustments. An intuitive, graphical user interface with color on-screen display provides convenient access to menus where detailed adjustments can be made to a host of video settings. Luminance, chrominance, sharpness, white and black levels, gamma, hue, and corrections for black noise and mosquito noise levels can all be modified. Settings can be stored into six storage banks. Numerous playback options are available for compatible discs, including still frame, frame-by-frame, slow, random, repeat, A-B repeat, and program list playback modes. Playback can also be activated from a bookmarked or searchable disc location. In addition, preferred audio tracks, subtitle languages, camera angles, video adjustments, and other settings can be stored for up to fifteen discs, allowing the RT-10 to automatically recall these settings whenever the disc is loaded.

For all its technological sophistication, the RT-10 remains a product that is simple to configure. Combining leading-edge audio and video technology, impressive analog circuitry, and an ample array of rear panel connectors, the RT-10 is at home in the finest music and cinema playback systems.



# RT-10 Specifications

## Discs Supported

DVD-V, DVD-A, DVD-R, DVD-RW, SACD, CD, CD-R, CD-RW, VCD (v2.0, MPEG 1), S-VCD (IEC), and MP3

## Audio Outputs

**Analog** Four stereo pairs (RCA). Two stereo pairs for front L/R, One stereo pair for surround, and center/subwoofer

**Digital** One AES/EBU (XLR), one Coaxial (RCA) and one optical (Toslink). All conform to IEC-958 and S/PDIF standards  
Sample Rates: 44.1, 48, 88.2, and 96kHz. (16 to 24 bits)

## Audio Performance

**Digital-to-Analog Conversion** 24-bit/192kHz PCM and Pure DSD

**Frequency Response** 20Hz-20kHz (+/- 0.5dB), -1.0dB at 50kHz, reference 1 kHz (Front L/R outputs)

**THD + Noise** 0.004% at 1kHz

**Dynamic Range** 100dB

**Signal-to-Noise Ratio** 100dB

**Channel Separation** 100dB

**Output Level** 2.0V maximum

## Video Outputs

Two component video (one RCA, one BNC), One S-video, and two composite video (RCA)

## Video Performance

**Digital-to-Analog Conversion** 12-bit/108MHz (10-bit/54Mhz for A/V Euroconnector\*)

**Bandwidth** 6MHz

**Signal-to-Noise Ratio** 75dB (Y output)

**Output Level** 1.0V peak-to-peak

**Output Impedance** 75 Ohms

## Other

**Trigger Input** 12V DC; detachable screw terminals

**IR input** 3.5mm T/R/S

**D1/D2** 14-pin D connector

**Power Requirements** 120VAC, 50-60Hz (USA model) 230VAC, 50-60Hz (Export model)

**Power Consumption** 20W

**Dimensions**

**Height (with feet)** 3.7" (94mm) (2 rack units without feet)

**Width** 17.3" (440mm)

**Depth** 12.2" (310mm)

**Weight** 17.2lbs (7.8kg)

**Rack Mounting** Optional brackets are available for mounting unit in a standard 19-inch equipment rack

**Operating Temperature** 5° to 35° C (41° to 95° F)

**Relative Humidity** 85% maximum without condensation

**Remote Control** Hand-held, battery-powered infrared remote control unit  
Batteries: Two AA

Specifications subject to change without notice.



\*An A/V Euroconnector is included in Region 2 models available in Europe only.