Boulder

1021 Disc Player

Boulder's High-Resolution Disc Player

The new Boulder 1021 Disc Player doesn't push the feature and performance envelope. It explodes it whether playing CD's or high-resolution audio.

Boulder's disc drive is a high precision mechanism with sophisticated error correction which ensures absolutely accurate retrieval of the audio bit stream. Unlike other more prosaic CD players, the Boulder drive is used *only* for data retrieval; clocking and signal processing are separate from the drive where they are handled by dedicated circuitry and proprietary software. This division of tasks is essential for achieving one of our primary design goals: the elimination of any sonic signature or coloration attributable to the disc drive.

LISTENING BEYOND THE RED LINE

The Boulder 1021 makes excellent use of a powerful onboard host computer. It controls the drive, the user interface, a large display, and various internal functions.

Most importantly the computer provides a buffer of more than one minute to preserve integrity of the audio signal delivered from the drive.

Raw data from the buffer is manipulated entirely in the software domain by a dedicated digital signal processor (DSP). The DSP features a Boulder designed Eigen-value oversampling filter. It also has its own data buffer which calls for audio information from the host computer. This arrangement eliminates the possibility of timing glitches in transferring data to the processor.

An independent precise-interval master clock is situated in close proximity to the digital-to-analog converters—this unique design reduces jitter and low frequency modulation noise to immeasurable levels. The clock signal is also fed "upstream" to control the DSP.

The 1021's analog section is equally impressive, featuring Boulder's six-pole Bessel filter and the brilliant 983 output stage. Filtering and gain are achieved with vanishing levels of distortion, and the audio signal is robust enough to transmit through the longest interconnect cables.

The Boulder 1021 features a large, very visible LCD display. An icon in the upper right corner of the display indicates the current status of the player. Artist, track, and album information can be accessed from the disc, the 1021's own internal database, or the internet and selectably displayed. A further visual feature is that the track playing or selected is enlarged to be comfortably visible at long distances.

The display shows time elapsed/time remaining, while a track time line shows the current listening point, indicated by a red line, and a gray progress bar illustrates the drive actively reading ahead. You and your 1021 are literally ***LISTENING BEYOND THE RED LINE***.

Another great feature of the host computer is programmable playlists. For every disc a playlist can be created to play selected tracks in your desired order. Playlists are stored in the memory and automatically recalled whenever a playlisted disc is inserted in the 1021. You will finally have the sheer joy of merely inserting your favorite disc, pressing play, and quickly hearing your favorites.

The 1021's user interface includes an options menu by which random or repeat playback, track scanning, system tools and various other features are accessed. User preferences for information display, disc playback, screen brightness and other functions are easily selectable. There is no other high performance player on the market that gives you as much control over its operation.

There's more. The 1021 is provided with Boulder's distinctive remote control. When a button on the remote is pushed, a full-screen icon appears momentarily on the 1021's display to confirm that the player has responded to the remote's command.

A selectable digital volume control allows you to connect the 1021 directly to a power amplifier or powered loudspeakers. The player's output can be attenuated in precise 1 dB steps. Or, the volume control can be turned off for operation in fixed output mode in a separate component audio system.

The Boulder 1021 Disc Player extends the tradition of Boulder sonic excellence into the forefront of digital music reproduction. Quite simply, there is no substitute for a Boulder.

Boulder Amplifiers, Inc.
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SPECIFICATIONS

FORMATS	CD, MP3, WAV, Flac, Ogg, AIFF & others
DATA RATE	Up to 24 Bit / 192 kHz
OUTPUT LEVEL	4V Bal, 2V Unbal, @0dBFS
ANALOG OUTPUT	2 pairs 3-pin Bal, Adaptable to Unbal
DIGITAL OUTPUT	3-pin AES, Adaptable to SPDIF
VOLUME	80 dB range in 1.0 dB steps
DISPLAY OUTPUT	640x480 VGA 15-pin connector
INTERNET	RG45 Ethernet connector
SYSTEM	Boulderlink, 12V Trigger Out, IR In
SIZE	18.00 wide, 9.25 high, 15.25 deep (in.)
WEIGHT	46, Shipping: 60 Pounds
POWER	50-60 Hz, 85W, Voltage by country