



Alpha Processing **REAL 20-bit LAMBDA Super-Linear Converter S.L.C.**

* Black version is available.



ALPHA Processor with Real 20-Bit 2-DAC LAMBDA Super Linear Converter

■ ALPHA Processor

DENON's ALPHA Processor is a remarkable innovation that makes digitally recorded music sound entirely natural and realistic.

■ The Real 20-Bit 2-DAC LAMBDA Super Linear Converter

The ALPHA Processor reproduces the 16-bit data at a high, 20-bit resolution which is then converted by a high-precision D/A converter known as the LAMBDA Super Linear Converter (SLC), benefiting from advanced technology originated by DENON in which zero-cross distortion is essentially eliminated. In combination with the DCD-1550AR's multi-bit high-resolution 20-bit D/A converter, the audible result is a clear, rich, highly musical sound.

■ 8-Times Oversampling Digital Filter

■ Newly-Developed Loading Mechanism for Suppression of Vibrations

The newly-developed mechanism unit uses a guide that is highly resistant to vibrations in order to prevent unwanted vibrations to the tray.

■ Weight Balance for Further Freedom from Vibrations

The DCD-1550AR employs a highly rigid mechanism positioned at the center of the unit where it is least likely to be affected by external vibrations.

■ Digital Servo

■ Useful Editing Functions

■ Convenient Pitch Control features

The DCD-1550AR's Pitch Control feature lets you adjust the digital PLL demodulation lock in increments of 0.1% (from -12.0% to +12.0%) in order to control the pitch more precisely during CD playback.

■ Fader Functions

The DCD-1550AR includes Fade-In and Fade-Out features that can be added to any desired location on the CD whether you're recording or just listening. The time at which Fade-Out is to be started can also be preset through the ten-key pad.

■ Peak Search

■ Other Versatile Functions

- Auto Edit Function
- Auto Space Function to Create 4-Second Pauses Between Selections
- Programmable Playback of Up to 20 Selections
- Random Play
- Optical and Coaxial Digital Outputs
- DC Configuration Audio Amplifier Circuits
- Display Dimmer Permits Control of Display Brightness in Four Steps
- 20-Selection Music Calendar Display
- Remote Electronic Volume Control
- Exquisite Aluminum Front Panel

Specifications

■ Audio Section

Channels.....	2 channel stereo
Frequency response.....	2 Hz - 20 kHz
Dynamic range.....	100 dB
Signal-to-noise ratio.....	112 dB
Total harmonic distortion	0.0025 % (1 kHz)
Channel separation.....	105 dB (1 kHz)
Line out level.....	0.2 - 2 V rms (Variable)
(10 kohms load)	2 V rms (Fixed)

D/A converters.....	Real 20-bit 2-DAC, LAMBDA Super Linear Converter with ALPHA Processor
Oversampling.....	8 times, 20 bit

■ Other Specifications

Power supply	AC 230 V, 50 Hz
Power consumption	16 W
Dimensions	434 (W) x 134 (H) x 340 (D) mm
Weight.....	7.4 kg

*Design and specifications are subject to change without notice.