



ALPHA Processor with Real 20-Bit 4-DAC LAMBDA Super Linear

■ ALPHA Processor

The DCD-1650AR features the ALPHA Processor, an innovative technology developed by DENON which produces waveforms as smooth as those from analog sources to give the output sound an extremely supple, listenable sound quality. The ALPHA Processor interpolates signal data that is lost when digital data is recorded. It is even capable of reproducing the special nuance of sound that momentarily disappears in silence. Now, lovers of beautiful music can happily enjoy limitless spaciousness and clarity of sound.

■ The Real 20-Bit 4-DAC LAMBDA Super Linear Converter

The LAMBDA converter, developed by DENON, that divides the digital data into two streams to eliminate zero-cross distortion in a powerful 4-DAC configuration.

■ 8-Times Oversampling Digital Filter

Increasing the oversampling frequency by a factor of eight makes possible an extraordinary degree of at(caides ths diPv -0.0)15.4(wcasling frequirregulomentar)-1tieppearsingaudio nfiguren

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■ Audio Section

Channels	2 channel stereo
Frequency response	2 Hz - 20 kHz
Dynamic range	100 dB
Signal-to-noise ratio	118 dB
Total harmonic distortion	0.0018 % (1 kHz)
Channel separation	110 dB (1 kHz)
Line out level	0 - 2 V rms (Variable)
(10 kohms load)	2 V rms (Fixed)

D/A converters

Real 20-bit 4-DAC, LAMBDA Super Linear Converter with ALPHA Processor

Oversampling

8 times, 20 bit

■ Other Specifications

Power supply	AC 230 V, 50 Hz
Power consumption	25 W
Dimensions	434 (W) x 135 (H) x 340 (D) mm
Weight	11.9 kg

*Design and specifications are subject to change without notice.