



REFERENCE CD8

Compact Disc Player

We are proud to introduce a model that may be the most musical and musically accurate single-chassis compact disc player, the Reference CD8. It replaces a product that was still garnering five-star reviews three years after its introduction, the esteemed Reference CD7.

With the advent of the CD5 and DAC7 in 2008, we knew that the DAC used in our Reference player needed a newer, higher-resolution version (The new 24-bit, 192-kHz chipset is not retrofittable to the CD7). And, our engineers found a way to physically incorporate the same power-supply regulation used in the Reference 3, using a single 6550C to replace two 6H30 triodes, giving better performance and longer tube life. Other enhancements include our newest output coupling capacitors and special damping tweaks. The playback mechanism continues to be the unsurpassed Philips PRO2R — still the best dedicated CD mechanism available.

The Reference CD8 also features a new dimmable display, allowing five levels of illumination or completely off. A small LED indicator remains lit when the player is on, as a reminder to prevent the player from being left on inadvertently. In size, input and output configuration, —and in all other operational functions, the Reference CD8 is identical to the Reference CD7. But there the similarities end.

Sonically, the Reference CD8 stands in a class all its own. While retaining the lush, full embodiment of the CD7 sound, the CD8 adds new dimensions of transparency. It immediately shows greater transient speed top-to-bottom, purer resolution of low-level detail and expanded dynamic contrasts, with more bass slam, definition and extension. The soundstage is larger and more holographic because of the heightened ability of the Reference CD8 to embody and locate instruments and voices. Rhythmically, the Reference CD8 also picks up the pace compared to the CD7, with improved timing cues and better rhythmic interplay. You will find other sonic dimensions to marvel as you spend time with this enticing player.

Quite simply, the Reference CD8 will have you rearranging your compact disc collection all over again as you rediscover and reprioritize old and new favorites. It really is the most mesmerizing, musically accurate CD player we have ever experienced — and what better way to bring enhanced value to a growing, and costly, CD collection!

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SPECIFICATIONS

OUTPUTS, ANALOG: (Stereo) 1. Balanced XLR 3.6V RMS (+11.1dBv) max. 2. Single-Ended RCA 1.8V RMS (+5.1dBv) max.

OUTPUT IMPEDANCE: (Analog) 660 ohms BAL, 330 ohms SE.

FREQUENCY RESPONSE: 0.5–20,000Hz +0 -0.5dB.

SIGNAL TO NOISE RATIO: 108dBA

DISTORTION: .03% 1kHz

RESOLUTION: 24 BIT DAC.

CHANNEL SEPARATION: 100dB 1kHz.

OUTPUTS, DIGITAL: (to external Digital-to-Analog Converter) 1. XLR Balanced AES/EBU 110-ohm 4V P-P. 2. BNC coax SPDIF 75-ohm 0.7V P-P.

SIGNAL FORMAT (disc): Sampling frequency: 44.1kHz. Quantization Bit: 16bit linear per channel. Channel bit rate: 4.3218Mb/sec. Channel modulation code: EFM [8 -14 modulation]. Error correction: CIRC (cross interleave Reed Solomon Code).

DRIVE MECHANISM (top load): Discs: Accepts 5" (12cm) and 3" (8cm) sizes. Wow & Flutter: unmeasurable (Quartz stability).

OPTICAL PICKUP: Type: 3-beam LDGU (Laser Diode & Grating Unit), with holographic diffraction light pen. Laser: GaAlAs semiconductor, 780nm, 0.5mW maximum output. Servo: Digitally-controlled low-inertia linear positioning actuator.

JITTER REDUCTION: High-stability crystal-controlled re-clocking for all outputs.

DISPLAY: Six-digit vacuum fluorescent, with optical filter.

TUBE COMPLEMENT: (4)-6H30P dual triodes, plus (1 each) 6550C and 6H30P in power supply.

FRONT PANEL CONTROL FUNCTIONS: PREV selection · PLAY disc · NEXT selection · PAUSE program · STOP disc · STANDBY operate/standby mode

INFRARED REMOTE CONTROL FUNCTIONS: (Standard RC5 code, 30ft (9m) max distance) · 0-9 digit entry keys · SCAN ten seconds each track · PAUSE program · REP repeat track/disc · STOP program · PLAY disc · SHUF random sequence play · search, REV · search, FWD · STBY operate/standby mode · PROG enters selection on program list · TIME elapsed, remaining track; remaining disc · A/B repeats segment · previous track · next track · DSP DN Decrease display intensity · DSP UP Increase display intensity

POWER REQUIREMENTS (detachable power cord): 100 - 135VAC 60Hz (200 - 270VAC 50/60Hz), 120 watts maximum. (2 watts maximum when unit is turned off)

COMPLIANCE: RF Interference complies with FCC and CE MARK.

DIMENSIONS : 19" (48 cm) W x 5 1/4" (13.4 cm) H x 15 3/8" (39.0 cm) D. Handles extend 1 1/2" (3.8 cm) forward of the front panel. Rear connectors extend 3/4" (1.9 cm).

WEIGHT: 32.5 lbs. (14.8 kg) Net; 43 lbs. (19.5 kg) Shipping.

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