



e.One C7R **DAC Integrated** **Receiver**

e.One Component to Power Your Imagination **Digital • Analog • 24/96 USB • Phono • FM Tuner • Headphone • Amplifier**

The C7R DAC Integrated Amplifier powers it all, digital, analog, computer, Phono MM and analog FM Tuner all in one cool running compact component. The C7R is built on the convenience of one component connecting your analog and digital source material, providing an uncompromised audio experience. The most complete integrated amplifier, Low jitter, low noise and power isolation delivers startling dynamics in your music.



The C7R Integrates Your Music, Just Add Speakers

Bel Canto's e.One C7R DAC Integrated Receiver connects your Computer, CD transport, Turntable, Analog FM tuner, Cable box, Game console providing full control of your media through one component. Just add a pair of speakers and the listening room is open!

The Bel Canto C7R has an outstanding 115dB dynamic range and our proprietary low-noise D-to-A converters are based on our award-winning DAC circuit. The high current amplifier is enhanced with our proprietary Reference power filter design. The C7R has five digital inputs; RCA, TOSLINK and 24/96 USB. The analog section has one pair of RCA and RCA MM Phono inputs. The Analog FM tuner features patented analog FM receiver architecture and superior RF performance that rejects interference using digital IF processing. Digital signal processing (DSP) allows precise pilot rejection, selectivity, and unmatched audio quality as the digital IF section operates at 24-bits. The core 24/192 D-to-A converters are based on our Two-Stage Master Reference Ultra-Clock™ circuitry ensuring that jitter from any source is reduced below the audible threshold.

The 24-bit digital volume control is completely transparent and accurate throughout the volume range. The engineering detail that Bel Canto is known for calls for custom 0.1% audio grade resistors, class-A output control circuitry, and low-noise power supply components. The heavy-gauge all-steel chassis design prevents mechanical resonance from compromising the audio signal quality. The stereo amplifier section is based on an elegant switching output stage that eliminates thermal distortion mechanisms caused by changes in operating temperature. The front panel features a single multifunction control knob that selects inputs and volume level for the main outputs and ¼" front-panel headphone jack, providing flexibility and control with a simple user interface, easy to read full display and full remote control.



C7R Specifications:

Power Output 1% THD:	120W 4 ohms, 60W 8 ohms per channel
Minimum Load:	3 ohms per channel
Peak Output Current:	30 amperes
Frequency Response:	+/-3 dB 1.5Hz-90KHz, 4 ohm load
THD+N:	0.003% 1W, 1KHz, 4 ohms
IMD (CCIF):	0.0003%, 1W, 14:15KHz, 4 ohms
Output noise:	<50uVRMS A-weighted 10Hz-20KHz
Damping factor:	>1000
Output Impedance at 100Hz:	<8 milliohms
Dynamic Range:	115dB
Input connections:	5-Digital Inputs, MM Phono and Line Level Analog
Line In impedance:	11Kohms
Phono In Impedance:	47 Kohms//150pF
Phono Accuracy:	+/- 0.5dB, 50Hz-15KHz
Output connections:	2-sets of Binding Posts, RCA Line Out, Headphone Output
Power On usage:	14W
Power Off usage:	0.0W
Power Input:	100-120VAC, 230-240VAC 50/60 Hz
Weight & Size:	13lbs 6.5kg 8.5 x 3.5 x 12[inches], 216 x 88 x 305[mm] (WxHxD)

FM Section:

Input Frequency Range:	76-108 MHz
Sensitivity with 75 ohm input:	1.1uV EMF (S+N)/N=26dB
Input IP3:	105 dBuV $ f_2 - f_1 > 1 \text{ MHz}; f_0 = 2 \times f_1 - f_2$
Adjacent Channel Selectivity:	50 dB +/- 200KHz
Alternate Channel Selectivity:	70 dB +/- 400KHz
Frequency Response:	30Hz-15KHz -3dB
S/N:	>63dB
THD:	<0.1%

Features:

Digital Inputs:

- 2-SPDIF 24/192
- 2-TOSLINK 24/192
- USB 24/96

Analog Inputs:

MM Phono
Line Level 2.5Vrms Max

Outputs:

Line Level Out
Loudspeaker Outputs
1/4" Front Headphone Jack

Features and specifications are subject to improvements and changes without prior notice.

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