

**COPLAND CSA70 Press Release.**



Created for the dedicated music lover, the CSA70 is designed to provide exceptional audio performance that belies its power rating and price.

The CSA70 provides four digital inputs, three analogue inputs, line out function, as well as pre-out terminal, front facing 6.3mm headphone output, and a 70 Watts per channel power amplifier that will surprise users who thought their speakers were power hungry. For the vinyl enthusiast we have included an excellent phono pre-amplifier.

Contrary to its bigger brothers, CSA100/CSA150 the CSA70 does not employ tubes in the line stage. The CSA70 preamplifier section is a solid stage architecture with a vanishingly low distortion.

The CSA70 boasts the same power amplifier technology as the CSA100/CSA150 with a feedback structure inherently faster than conventional amplifiers and a wide large-signal frequency response.

The amplifier is ruggedly constructed and designed to deal with the most awkward of dynamic loads that may be presented by the loudspeakers, and this contributes to the amplifiers excellent transient handling capability.

Path lengths throughout the CSA70 amplifiers are minimized by keeping the entire electric audio architecture on a single PCB-board, minimizing susceptibility to RF interference and other extraneous noise pickups.

The CSA70 employs a precision audio-grade motorized volume control. Contrary to most digital volume attenuators, it needs no additional electronics in the signal road.

The amplifier is protected against several fault conditions that could be dangerous to either amplifier or speakers, including DC offset, overcurrent conditions and thermal overload, increasing its immunity from outside abuse.

## Specifications **CSA70** integrated amplifier

Output power:	2*70W into 8 ohms load.
Minimum load:	2 ohms
Analog Inputs:	1* Phono / MM (RCA) 3* Line (RCA) unbalanced
Digital Inputs:	1* coaxial S/PDIF. 2* optical S/PDIF. 1* USB. Data input from 16 to 24-bit and sampling rates up to 192kHz.
Line output:	1* Line (RCA) 1* Pre-out /variable (RCA)
Line input impedance:	50 K ohms
Phono input impedance:	47 K ohms (MM)
Phono input Capacitance:	200 pF
Line Inputs sensitivity:	200 mV
Phono sensitivity:	2.6 mV
Frequency response:	5 Hz - 200 kHz -3dB
T.H.D:	Better than 0.01 %
Signal / noise IHF-A):	Better than 90dB
Phase:	Non-inverting
Headphone amp. Gain:	23 dB @ 100 ohms load impedance
Headphone amp. Out imp.	40 ohms
Headphone amp. T.H.D.	Better than 0.01 %
Headphone amp. Freq. resp.	10 Hz – 150 kHz / -3dB
Power consumption:	Max.400 W
Dimensions:	435mm (w) x 135mm (H) x 370mm (D)
Shipping weight:	13 Kg.