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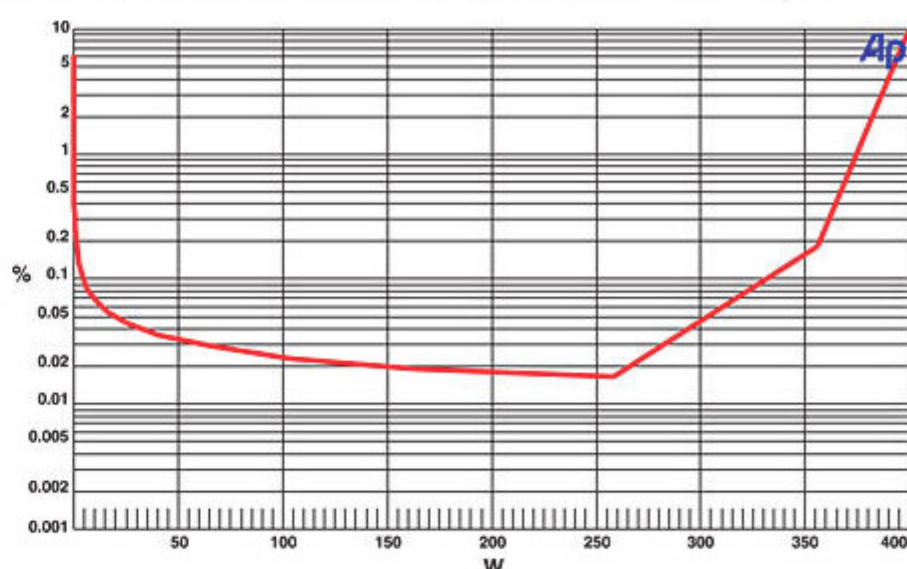
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Power Amplifiers

Earthquake Cinénova Grande Seven-Channel Amplifier: HT Labs Measures

HT Labs Measures: Cinénova Grande Seven-Channel Amplifier



**All channels driven continuously into 8-ohm loads:
0.1% distortion at 293.3 watts
1% distortion at 329.6 watts**

**Frequency response:
+0.09 dB at 10 Hz; +0.12 dB at 20 Hz
-0.16 dB at 20 kHz; -0.68 dB at 50 kHz**

This graph shows that the Cinénova Grande's left amplifier channel, with two channels driving 8-ohm loads, reaches 0.1% distortion at 330.9 watts and 1% distortion at 374.4 watts. Into 4 ohms, the amplifier reaches 0.1% distortion at 480.8 watts and 1% distortion at 564.7 watts. An input level of 100.2 millivolts was required to produce an output of 2.83 volts into an 8-ohm load, indicating an overall gain of +29.03 decibels using the RCA input. When using the XLR input, a level of 100.1 millivolts was required to produce an output of 2.83 volts into an 8-ohm load, indicating an overall gain of +29.03 dB.

THD+N from the amplifier was less than 0.014% at 1 kHz when driving 2.83 volts into an 8-ohm load using the RCA input. When using the XLR input under the same conditions, THD+N was less than 0.013%. Crosstalk at 1 kHz driving 2.83 volts into an 8-ohm load was -99.40 dB left-to-right and -99.72 dB right-to-left using the RCA inputs and -101.90 dB left-to-right and -101.14 dB right-to-left using the XLR inputs. The signal-to-noise ratio with 2.83 volts driving an 8-ohm load from 10 Hz to 24 kHz with "A" weighting was -104.50 dB using the RCA input and -102.60 dB using the XLR input.—MJP

Company Info

Earthquake
Web Site
(510) 732-1000

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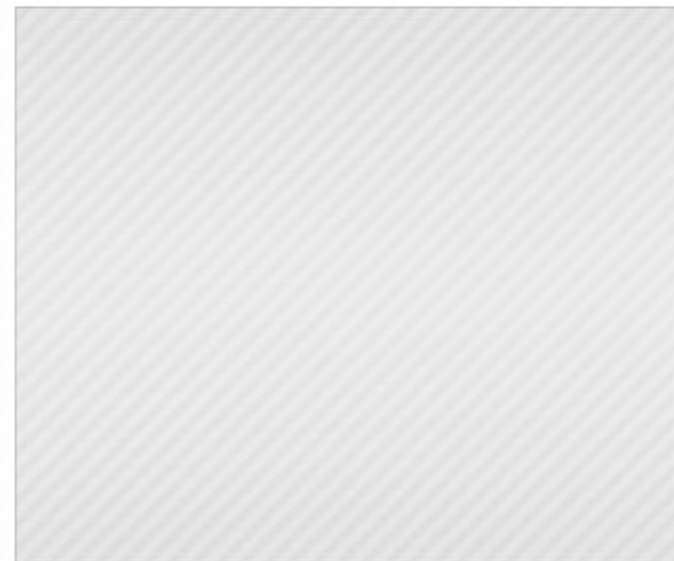
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