



# Specifications for Ultimate EQ901 System EQ901 Platinum + Hypex Class D Amplifiers

## EQ901 Platinum Specifications

- Bluetooth streaming: LDAC™/aptX™ HD/aptX™/AAC/SBC
- Inputs: Stereo digital (USB Audio / SPDIF / Optical / Bluetooth), stereo analog
- Output versions: Unbalanced (RCA) or balanced (TRS)
- SNR (Digital to Analog): 121 dB(A)
- Analog Audio Input Impedance: 100 k $\Omega$
- Analog Audio Output Impedance: 200  $\Omega$
- Analog Devices Floating point DSP SHARC ADSP21489 @ 400MHZ
- Multi-Core USB Audio processor (XMOS)
- Dimensions: 150mm x 180mm x 41mm
- Power Supply: External PSU 12V/1.6A (US/UK/EU/AU plugs)
- Power: 10.3 W (idle) 3.1 W (standby)

## Hypex NCx500 Mono Block Amplifier Specifications

- Peak Output Power 1KHz THD=1% @ 8 $\Omega$  380 W
- Peak Output Power 1KHz THD=1% @ 4 $\Omega$  700 W
- Peak Output Power 1KHz THD=1% @ 2 $\Omega$  700 W
- Distortion THD+ N 20 – 20.000 Hz Typical 0.0006% @ 350W / 4 $\Omega$
- Signal to Noise 135 dB
- Gain 11.5 and 26.8
- Frequency response -3 dB 0-70 kHz
- Input Impedance: 47 k $\Omega$
- Idle power 17.5 W

## Hypex UcD400 Stereo Amplifier Specifications

Output power:

- 200W @ 8Ω < 1% THD+N
- 200W @ 4Ω < 1% THD+N
- Both channels driven

Distortion: 0.01% @ 20Hz - 20kHz up to 100W

Power Bandwidth: 20 - 35kHz

Voltage Gain: 25.5 - 26.5dB

Frequency Response: 10Hz - 50kHz

Minimum Load Impedance: min 1Ω

Maximum Source Impedance: max 7kΩ

Output Impedance:

- 20mΩ f < 1kHz
- 150mΩ f < 20kHz

Input Sensitivity: 200W 4Ω @ 1.41V

Input Power: Depending on load, 470W max

Input Connector: Stereo XLR

Output Connector: 3-way binding post

Line input power:

- Low Line input voltage: 100 - 120Vac ±10%
- High Line input voltage: 200 - 240Vac ±10%
- Line input frequency: 47 - 63Hz
- Connector: 3-pin IEC 250Vac, 10A male

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