



Ultimate EQ901 System

EQ901 Platinum + Hypex Class D Amplifier

The Ultimate EQ901 System is a turnkey solution that combines precision-engineered 901 equalization and Class D amplification technologies. With the EQ901 Platinum driving a Hypex Class D amplifier, it's a modern solution for your Bose 901 speakers.

The EQ901 Platinum features four specifically designed equalization curve sets unique to each series (I/II, III/IV or V/VI). Analog, USB, SPDIF, TOSLINK and high definition Bluetooth streaming inputs are included. The Hypex nc252 Duo stereo amplifier provides abundant clean power with finesse, precision and ultra low noise.

EQ901 Platinum Features

- Precise Bose 901 equalization
- Four Bose 901 tone modes
 - Normal mode
 - Enhanced mode
 - Warm mode
 - Low frequency reduction mode
- Four output channels allowing for the addition of an active subwoofer(s) or dual active stereo systems (two stereo power amps)
- Remote volume control with 0.5dB resolution and mute
- Inputs - remote selectable
 - Bluetooth streaming - CD quality
 - Analog RCA or optional balanced TRS
 - USB audio
 - TOSLINK
 - SPDIF
- Analog Outputs
 - Single-ended analog RCA or balanced TRS
- OLED front panel display and volume control knob
- Ultra low noise and distortion

EQ901 Platinum Specifications

- Total Harmonic Distortion: 0.007% 10 Hz to 22 kHz
- Noise Floor: -105dB @ 700 Hz
- DSP Engine: Analog Devices SHARC Digital Signal Processor

- Max Input Levels: 2.0 Vrms / 4.0 Vrms
- Max Output Levels: 2.0 Vrms / 4.0 Vrms
- Analog Audio Input Impedance: 100 kΩ
- Analog Audio Output Impedance: 200 Ω
- Dimensions: 150mm x 180mm x 41mm
- PowerSupply: External PSU 12V/1.6A (US/UK/EU/AU plugs)
- Power: 10.3 W (idle) 3.1 W (standby)
- Bluetooth with support for: LDAC™/aptX™ HD/aptX™/AAC/SBC
- Supported Sample Rate: 20 ~ 216 kHz

Hypex nc252 Duo Stereo Amplifier Features

- Pure Hypex engineered design
- Heavy machined aluminum case
- Modern, sleek profile

Hypex nc252 Duo Stereo Amplifier Specifications

- THD+N: 0.006% (-10 dB) 20 - 20.000 Hz
- Output Power: 1 kHz, THD=1%, all channels driven, per channel
 - 150 W rms at 8Ω
 - 250 W rms at 4Ω
 - 180 W rms at 2Ω
- Frequency response: 10 - 20 kHz +/- 0.5dB
- Output noise: 9.5μV @ 10 - 20 kHz AES17
- Gain: 25.5dB
- Signal to Noise: 121dB
- Optional XLR Balanced or RCA Single Ended Inputs
- Input Impedance: 47 kΩ
- Idle power: 27 W, all 4 channels active (6.75 W per channel)

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**deercreekaudio.com
staff@deercreekaudio.com
 720.726.9272**