

IDA-8

Ultra Low Noise Class A+D Integrated Amplifier with DAC and Wireless Port



The NuPrime IDA-8 combines the substance and warmth of an Ultra-Linear Class A Module (ULCAM) in the preamp stage with the extraordinary speed of NuPrime's proprietary Class-D power amp stage for a spacious, transparent, dynamic and luxuriously textured soundstage.

- NuPrime power amplifier design breakthrough technology Ultra Linear Class A Module (ULCAM) to achieve high-end Class A sound signature with Class D efficiency. Extraordinary result of THD+N lower than 0.0015% and S/N ratio of -130 dB.
- State-of-the-art DAC supporting USB PCM 384 and DSD256, that is also capable of decoding DoP formats via coaxial and optical inputs.
- NuPrime SRC IC chip provides FPGA processing with ultra-low jitter and distortion.
- NuPrime vibration-free isolation feet (patent pending*).
- Analog line-out (Sub Out), with 3X the standard output power.
- Four digital inputs and one stereo input for complete system flexibility.
- Extension port for Bluetooth dongle and WiFi audio streaming (optional).

INPUTS:

- 1× USB PCM / DSD Digital (PCM up to 384 KHz & DSD UP TO DSD256)
- 1× Coaxial Digital S/PDIF (PCM up to 192 KHz, DoP format DSD64)
- 1× Optical Digital S/PDIF (PCM up to 192 KHz, DoP format DSD64)
- 1× Bluetooth Receiver or WiFi (optional) input
- 1× Analog Stereo RCA

OUTPUTS:

- 1× Stereo RCA (designed for subwoofer with 3X the standard power output)
- 1× Stereo Speaker (Binding Posts) Output

USB SAMPLING RATES: 44.1, 48, 88.2, 96, 176.4, 192, 352.8 & 384 KHz and DSD 2.8, 5.6 & 11.2 MHz

S/PDIF SAMPLING RATES: 44.1, 48, 88.2, 96, 176.4, 192 & 384 KHz (Coaxial)

MAXIMUM SAMPLING RATE: 24-bits

BIT RESOLUTION: 16-24 bits

POWER OUTPUT: 100 W x 2 (8-Ohm)

THD+N: 0.0015%

PEAK OUTPUT POWER: 180 W (4-Ohm)

FREQUENCY RESPONSE: 10 Hz to 80 kHz