



We're always striving to get better at what we do. Whether it's uncovering a bit more oomph, reducing annoying sound distortions, or simply enjoying endless hours of music, we're on the lookout for that perfect balance of amazing sound and pure imagination. The reason our products stand out as "premium" is because we've invested ample time and effort into refining every single aspect of it. Trust me, we took our sweet time with this one.

The Nighthawk is equipped with the latest Class D driver and Infineon outputs, resulting in performance that's just as outstanding as other types of amplifiers. Now, don't get me wrong, we designed this baby to be the ultimate bass amplifier. It effortlessly hits all the power ratings at a low frequency of 40Hz, and it can keep going strong all day long. The specs speak for themselves, my friend. It's truly impressive.

So, whether you're a seasoned audiophile or just a passionate music enthusiast, rest assured that our Nighthawk is the real deal. It's a fun and professional piece of equipment that's bound to blow your socks off with its incredible performance. Get ready to be amazed!



Nighthawk Specs

Stereo Power @ 14.4V-1% THD All Channels Driven

4 Ohm = 250 Watts x 2

2 Ohm = 400 Watts x 2

1 Ohm = 400 Watts x 2

Bridged

4 Ohm = 800 Watts x 1

2 Ohm = 800 Watts x 1

Distortion

Below 0.02% THD from 100mW to 200 Watts

Best THD 0.005% 2 Watts to 20 Watts

THD 20Hz to 20KHz (1 Watt) .009%

Signal to Noise Ratio

-88dB Referenced to 1 Watt (2V)

-113dB Reference to Full Power (31.5V)

Crossover

55Hz -500Hz 12dB Per Octave

Highpass, Lowpass Full Range

State variable filters

Linkwitz Riley

Bandwidth

10Hz to 20KHz (-1dB)

10Hz to 32KHz (-3dB)

Operating Conditions

Operating Voltage

10.5VDC – 17.1VDC

Low voltage warning light

11.4VDC

Start Stop Voltage

4.6VDC

Gain Range

150mV – 5.25V

Input Type

Balanced

Operating Temperature

-4F – 180F (-20C -- 82C)

Fuses

3 x 30A

Type Mini ATM

Dimensions

10.35"(L) x 6"(W) x 2"(H)

260mm(L) x 152mm(W) x 51mm(H)

Features

DC Auto Detect Turn On

Speaker Connection by High Current Plug

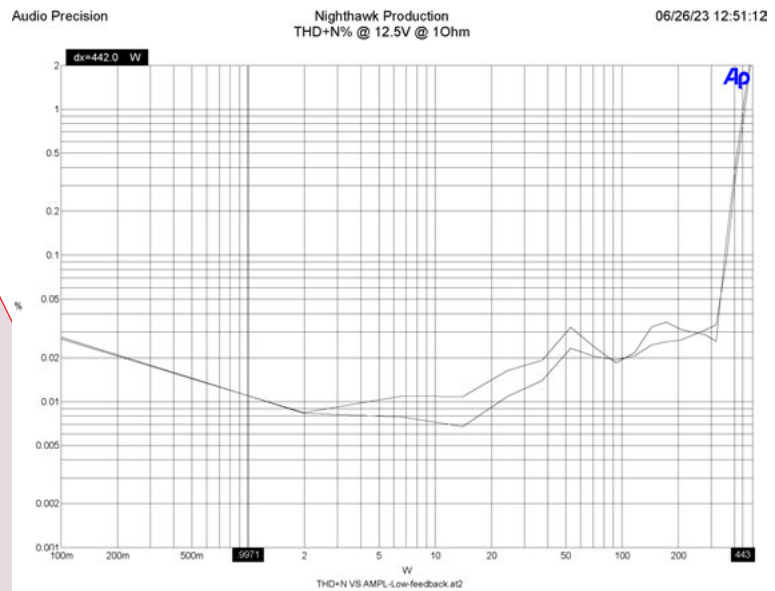
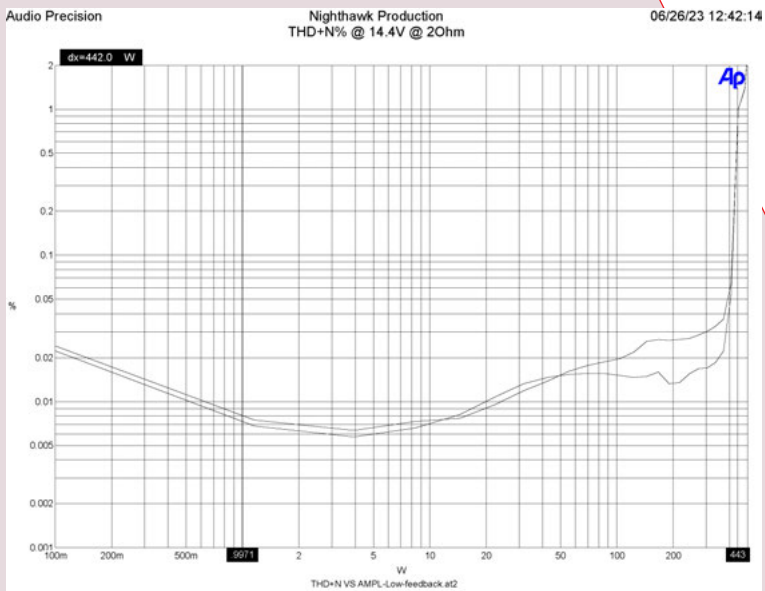
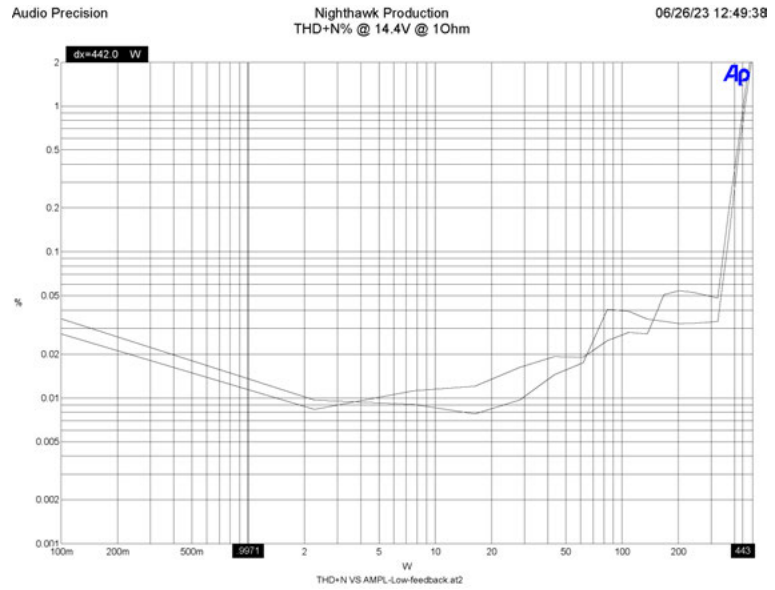
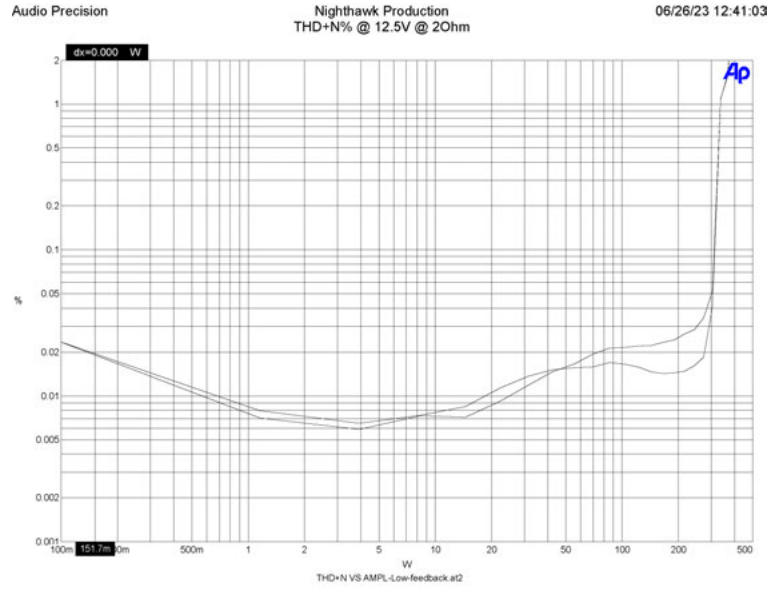
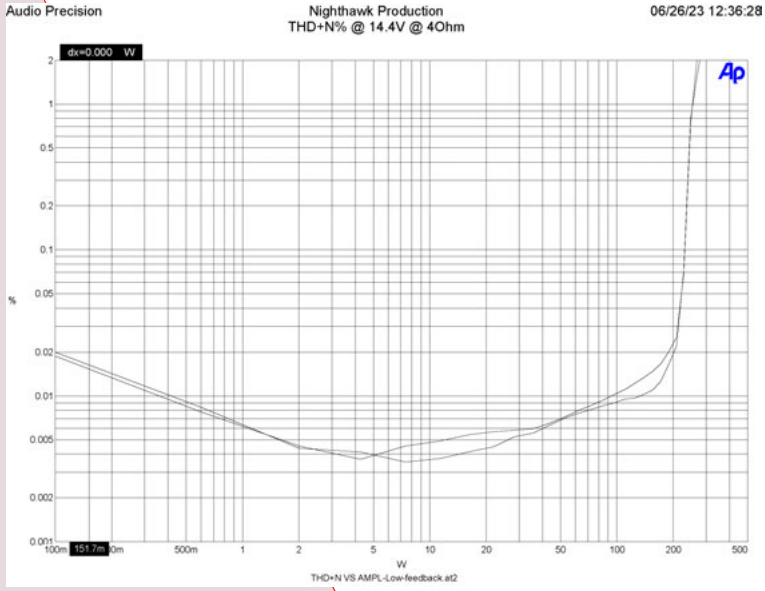
Selectable Ohm Load Stability

Stereo/Mono Switch allows single input operation.

Start Stop compatible.

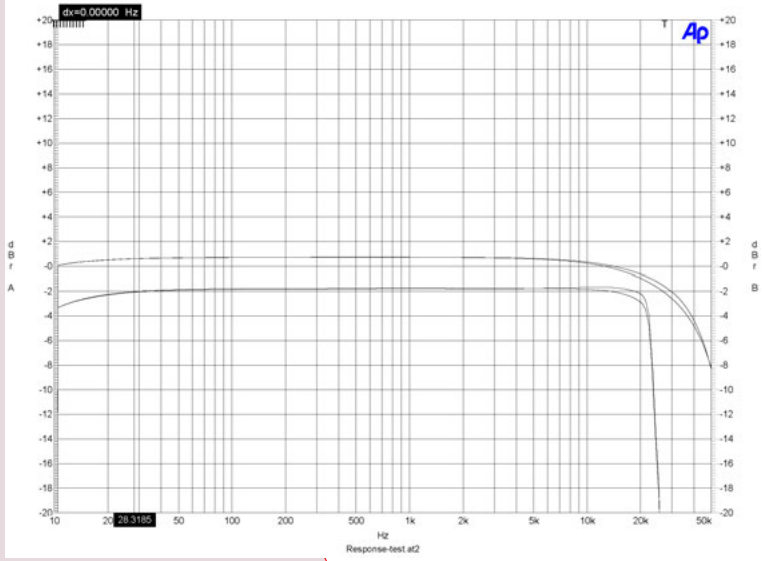
Compatible with charging systems up to 17 Volts.

Variable Speed Ball Bearing Fan Cooling



Audio Precision

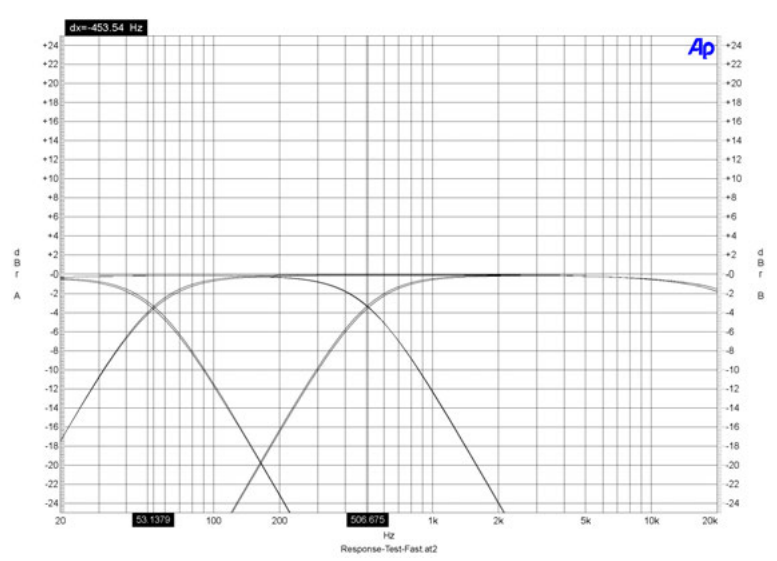
06/26/23 13:05:42



Audio Precision

A-A FAST RMS FREQUENCY RESPONSE

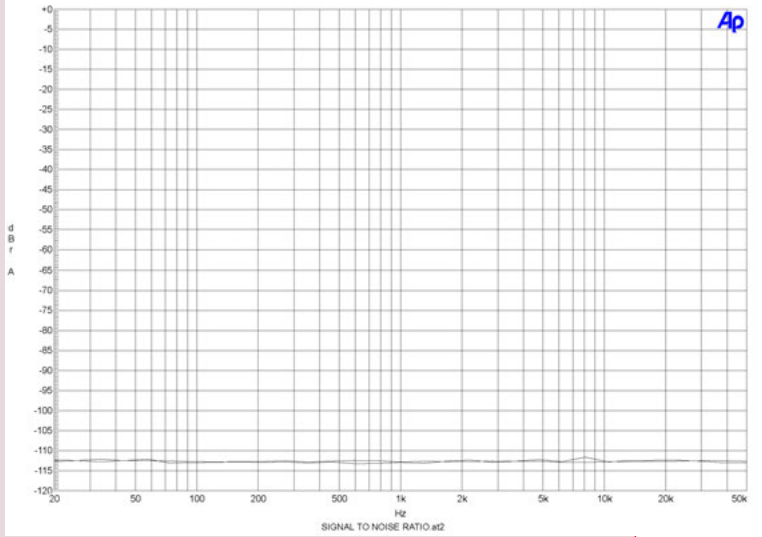
06/26/23 13:31:28



Audio Precision

SNR Ref @ Full Power (33V) Output
Nighthawk SN 00194

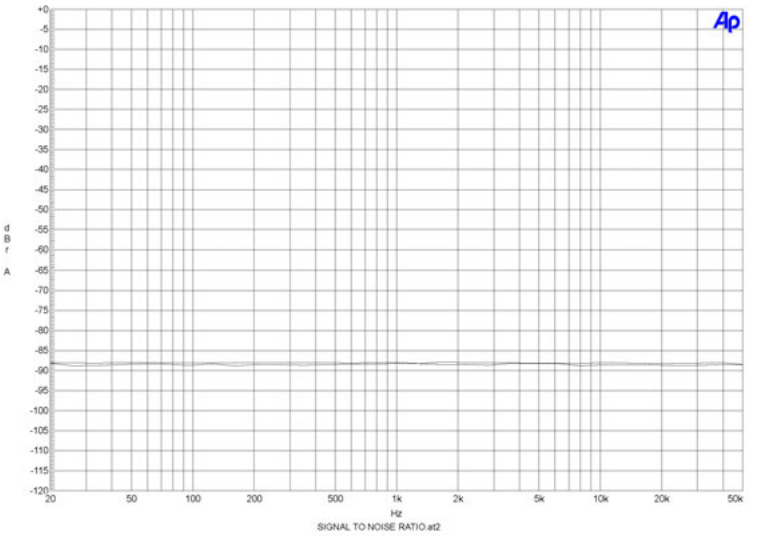
06/26/23 13:03:36



Audio Precision

SNR Ref @ 1W (2V) Output
Nighthawk SN 00194

06/26/23 12:59:05



Audio Precision

A-A FFT SPECTRUM of THD RESIDUAL @ 1kHz - 4 averages

06/26/23 12:57:19

