

## Ron's Audio Blog

*My experiences with Audio & Video equipment with independent information, tests and reviews*

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### Review: Perreaux amp Audiant 80i & Black Rhodium cabling

Posted on [February 8, 2012](#) by [Ron Claassen](#)



Are you listening?

## Test & review of the Perreaux amplifier 80i Audiant

I listen again now for some time to the Perreaux Audiant 80i. This is an amplifier, integrated amplifier type, a manufacturer from New Zealand. The manufacturer has a great history in the audio industry. The older audiophiles remember definitely still the famous amp "boxes" with enormous power and enormous power to even the most difficult and demanding loudspeakers. One example is the Renaissance Infinity 90 speaker. Difficult to drive the speakers and the full range of all music information to display the amp really quite his male may stand. And could the "old" Perreaux amps.

To make a long story short they got later foreign (Asian investors and interference) and that is ultimately not successful. The famous brand of yesteryear were now mass production and products, and thus was "old and trusted" quality is lost.

However in 2011 Perreaux again with renewed insight resulting in Audiant and plans for future, related, products such as CD player, streamer and DAC.

The Audiant seems a small, standard and ordinary normal amplifier. Actually quite small in size. The cabinet has the normal width of a Hifi component (43 cm) so that it fits neatly in a rack. The depth is really short and even "small" to mention. This is also for the amount to be specified. Nice flat and thus easy to place. Somewhere between the other equipment.

Note that because the partial A-class amplifier is that the device during the period of use hot. So you need to ensure adequate ventilation.

## What makes the Perreaux it so special?

It is his unprecedented force using MOSFET, the many uses, many connectivity options, the compactness and flexibility of the amplifier. The impedance is 8.4 ohms. If you have 8 ohm speakers that will give you the amplifier 80 watts of power. Pretty much, enough to fill a large room with music and sounds. At 4 ohm speakers with the amplifier is capable of producing a thick 140 watts of continuous power per channel.

Like the NAD amp which I use in my set up for surround sound movie experience and gives you real Perreux Watts and not a sales pitch like so many other "self respecting" companies do this. In these cases you see the real standard Watts quantity available in quantity and for a long time so many differences between what is specified by the manufacturer and the reality that you are not only sad but also can feel a bad bargain may think. From a 100 Watt specified remains in the reality, when measuring only (or less than) the half over. Anyway, this Perreux has no burden on the contrary!

In addition, you'll find in the Audiant a range of connectivity options. The amplifier has a USB connection, a number of digital connections. Cinch (RCA / RCA) jacks and a dedicated HT connection. Even a built-in, high quality DAC and Phono AMP is available. The finish is very nice with a heavy duty top.

## The HT connection

I just wrote about a "HT connection" but what is this? Have a nice surround system but you still miss the opportunity to high / higher level analog (stereo) to listen to like your CDs, LPs, etc. That is completely possible!

The ability of the Perreux you can also use to to efficiently surround the ability of your supplement. You use the HT connection. HT stands for "Home Theater". How does this work? On the surround amplifier loop you pre-out connection by using the HT connection to the Perreux. And voila, a high performance connection is made. Of any difference in volume between the two amplifiers is no question. Thus, it is thus possible to the Perreux to work for both analog and digital. It works perfectly. In this line you up the volume with the remote control of the surround amplifier.

As mentioned earlier, I am very pleased with the quality of this Perreux Audiant. It has a clean, balanced, powerful sound. What a force such a relatively small enclosure. That you expect at first not sure. The amplifier comes with a full remote control with a logical and useful format. The equipment would later bring to you also agreed to serve.

## Connections

The quality of the built-in phono amp is very good quality. There you can feel good, high quality turntable to connect to a high-quality analog sound experience.

The USB ports can also connect a source for such material to stream digital music on your MP3 player. Standard do you use the integrated USB DAC. Yes, here is also thought of that!

## Cabling

You can find the back of solid connections for speaker cables. You can easily lose sturdy cables. Using this amplifier also high quality and high quality cabling. This is the final appearance certainly benefit.

The importer of Perreux I have two sets of phono (RCA) interconnects inherited to try out. These are from the English brand **Black Rhodium**. The cables are thin, braided wiring. At first you think "what quality must now come from such a thin cable" but that is in practice more than that bad in a positive way. The quality of this English brand cable gives the Perreux even more shine.

If self-respecting audiophile who the best audio sound system is worth it to get this brand cables also look very seriously into consideration a choice. The cables have a lot of potential and the other cables of this

brand or have many options for any purpose.

Information about the brand:

## BLACK RHODIUM

[www.blackrhodium.co.uk](http://www.blackrhodium.co.uk)

### High Quality Audio & Home Cinema Cables

#### Enhancing Your Enjoyment Of Music

I have the following cables with many listening test:

SYMPHONY Stereo Interconnect with bullet plugs



ILLUSION DCT + + Stereo RCA Interconnect Cable with Eichmann bullet plugs



The Illusion DCT + + has the awards:

- HIFI Choice Awards 2009 Winner
- Best Buy HIFI Choice Magazine

*The Illusion DCT + +* (Tightly Constructed with twisted solid core silver plated copper wires, and Treated with Deep Cryogenic Treatment, and additional temperature processes)

### Own choice

The Perreaux has finally been given a final placement in my set up. The analogue and superior sound when combined with my Slim Devices Transporter is a great success and I can not want to miss.

In short, find a high quality, analog, stereo integrated amplifier Perreaux Audiant take the 80i into

consideration in your choice next to the "standard list" with other brands. You will be amazed.

Test system: Perreux Audiant 80i, Lyngdorf RP-1, PS Audio Power Plant Premier, Slim Devices Transporter, Aurum Cantus Harmony, Kemp Power Strip Plus, Akiko and Akiko Gem1 Audio Audio Tuning E-Gold.



Information from: **YN-Audio**

Dealers see: **YN-Audio**

<http://www.yn-audio.nl>

Editors: [Ron's Audio Blog](#) ©



## [Audiant 80i Awarded Best Stereo Amplifier 2011 !](#)

### Audiant 80i - Specifications

<b>Amplifier</b>	
Rated Power Output ( <i>per channel, &lt;0.05% THD + N</i> ):	80W into 8Ω 130Wrms into 4Ω
Total Harmonic Distortion ( <i>THD + N</i> ) Typically: 20Hz to 20kHz:	0.002% @ 1kHz, 80W into 8Ω <0.05%, 80W into 8Ω <0.05%, 1W into 8Ω
Frequency Response:	± 0.1dB, 20Hz to 20kHz
Signal to Noise Ratio ( <i>A-weighted</i> ):	105dB, ref. 80W into 8Ω
Damping Factor:	400 @ 1kHz, ref. 8Ω
Gain:	28dB
<b>Preamplifier</b>	
Analogue Inputs:	Level 3 Line 1 Phono
Home Theatre Input:	Yes ( <i>selectable</i> )
Analogue Input Impedance:	47kΩ
Digital Inputs:	1 Coaxial ( <i>RCA</i> ) 2 Optical ( <i>Toslink</i> ) 1 USB ( <i>Type B</i> )
Digital Input Impedance:	75Ω ( <i>Coax</i> )
Transformer Coupled Digital Input:	Yes ( <i>coax</i> )
Analogue Outputs:	1 Pre Out 1 Line Out
Analogue Output Source Impedance: Pre Out: Line Out:	540Ω 270Ω
Volume Control Range:	-90.0dB to +6.0 dB

Signal to Noise Ratio ( <i>A-weighted</i> ):	113dB, ref. 2Vrms
<b>Digital to Analogue Converter (DAC)</b>	
Input Sample Rate ( <i>maximum</i> ):	96kHz ( <i>Coaxial, Optical</i> ) 48kHz ( <i>USB</i> )
Input Word Length ( <i>maximum</i> ):	24-bit ( <i>Coaxial, Optical</i> ) 16-bit ( <i>USB</i> )
Digital to Analogue Conversion:	24-bit/96kHz ( <i>upsampled</i> )
Output Voltage:	1.95Vrms @ odBFS
Total Harmonic Distortion ( <i>THD + N</i> ) Typically: 20Hz to 20kHz:	0.002% @ 1kHz, -20dBFS <0.004%, -20dBFS
Frequency Response:	± 0.2dB, 20Hz to 20kHz
Signal to Noise Ratio ( <i>A-weighted</i> ):	120dB, ref. odBFS
<b>Phono Stage</b>	
Gain:	40dB
Input Impedance:	47kΩ
Input Capacitance:	100pF
Total Harmonic Distortion ( <i>THD + N</i> ) Typically: 20Hz to 20kHz:	0.06% @ 1kHz, 1Vrms <0.15%, 1Vrms
<b>General</b>	
Power Consumption Standby: Idle: Maximum ( <i>130W into 4Ω</i> )	<1W 50W 640W
Dimensions Width: Depth: Height:	431mm (17.0 ") 309mm (12.2 ") 67mm (2.6 ")
Weight:	11.5kg (25.3lb)



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