

In the last 5 years alone solid-state amplifiers and amp modeling technology have taken the guitar world by storm. Never before have these amps been so widely accepted by guitarists for their tone and practicality. ... Solid ...

That's an analog to digital converter. Your analog signal is encoded into a bunch of logic highs and logic lows often described as "ones and zeroes". It's then processed as data. It ...

If you think tube-based amplification can't compete with, let alone compare to, solid-state power, go hear the 450i. Its exceptional clarity, superb resolution, unflappable transient fidelity, unswervingly authentic tone, and ...

Analog Devices power amplifiers are based in GaN and GaAs semiconductor technology spanning kilohertz to 95GHz. In addition to bare die and surface mount components, our ...

The iconic glowing tubes seen in vintage audio setups aren't just for show--they represent a rich legacy of audio engineering. Solid-State Amplifiers: With the invention of the transistor in the 1950s, the audio world saw a ...

Several solid-state designs emerged in the 70s but it was the all tube D70 in 1983 that established forever the hallmark "high definition" sound of an Audio Research amplifier. In 1995, Johnson designed his lifetime ...

A solid-state amplifier uses transistor circuits to convert an electrical signal into an audio wave. Instrumental amps contain two stages of amplification: the preamp stage at the beginning of the circuit, and the power ...

Once silicon became the new champion of transistors, solid-state amplifiers were off and running. In fact, solid-state became the go-to status for all kinds of products. Another appealing advantage of solid-state technology is ...

However, this is no longer the case with today's power, control (and often integrated) components of a highly efficient and highly linear power amplifier. More and more becoming direct digital [power] conversion, erasing ...

All digital guitar amps are at least partially solid state, but not all solid-state amplifiers are digital. If that sounds confusing, don't worry, it's actually very simple: A solid-state amplifier has a solid-state (transistors, resistors, ...

Solid state amplifiers have only been around since the mid 1900's. The reason why these amps are called solid

state is because the electricity maneuvers through solid material, rather than a vacuum like there is in tube ...

Looking for an awesome solid state electric guitar amp? We review our favorite 5 options and let you know what we really liked and disliked about each one.

The Eigentakt circuit is expected to outperform any audio amplifier known, regardless of technology or class, with THD and IMD quoted as below 0.00017% at all frequencies and power levels, and the frequency response in ...

Which sounds better -- a tube or solid-state amp? The & quot;Great Debate& quot; has been going on for decades. Now it& #039;s time to put the debate to rest. In audioXpress, November 2012, Richard ...

It represents a departure from PrimaLuna's all-valve amplifiers, as it marries the EVO 300 preamp's 12AU7 front end with a MOSFET power stage. The goal was to combine the virtues of tube and solid-state amplification. ...

Digital guitar amps, use digital algorithms (complicated mathematics) to produce the tone and a solid state power amp to amplify the signal and drive the speaker. Digital ...

A stereo amplifier is the beating heart of any hi-fi separates system - the component that necessarily amplifies the audio signals from your source (CD player, turntable, music streamer, etc) to an output that your passive ...

Solid state amps produce a clean, uncolored sound, while also being easy to carry around because they are light weight and have amazing power behind them. Solid state amplifiers are more popular than tube amps ...

The MA12000 includes our Hybrid Drive (TM) technology that uses the best of vacuum tubes and solid state to produce the best sound performance. It gives you the warm nuances of a ...

The power section of solid state amps designed to be stay as clean as possible, but it doesn't mean that they cannot be cranked. In solid state amps the power amp stage starts to distort when the volume is turned up to 8 ...

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