Subject: Another Question on "Digital" Amp
Posted by GarMan on Mon, 06 Dec 2004 18:20:25 GMT
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From my understanding, a digital amp samples an analogue signal at the input, creates an amplified digital equivalent of it, and then converts it back to an analogue signal at the output.I'm not familiar with the input options of digital amps, but are there any that can take the digtal-out from a CDP directly, thereby, bypassing the D/A of the CDP and the A/D of the amp?What about digital crossovers? Can they operate entirely in the digital domain (ie. digital input from CDP and digital out to amp).Gar.

Subject: Re: Another Question on "Digital" Amp
Posted by Wayne Parham on Mon, 06 Dec 2004 20:04:46 GMT
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Hi Gar,Yes, you'll find several devices with a digital input. Using it bypasses the converter, which is probably a good thing.Wayne

Subject: Re: Another Question on "Digital" Amp
Posted by Skip Pack on Wed, 08 Dec 2004 18:10:14 GMT
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The really high-end Meridian stuff has been this way for 10 years or so.They pass a conventional (CD/wav) signal to their speakers where the processors filter for the driver bandwidths and pass a digital signalto a DAC channel for each driver. I'm not sure if their amps are nowdigital. They used to use analog amps after the DACs. If the amps aredigital, the analog conversion would be after the digital domain voltage(pulse density or pulse width?) increase. The volume control along with all kinds of timing and tone control/equaliztion are done in thoseprocessors too. Too expensive to even tempt.Skip