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Series 5 units from Weiss – made for the next generation of speaker and headphone playback



DAC501 / DAC502 – D/A Converters with **line and headphone outputs** and signal processing tailored for speakers and headphones as well.

DSP501 / DSP502 – Signal processors with **digital outputs** and signal processing tailored for speakers and headphones as well. Used in conjunction with a D/A Converter or with speakers with a digital input.

With the **Signal Processing** features in our Series 5 units we allow the user to optimize tracks for speaker or headphone listening. The built-in **room equalizer** makes it easy to enhance room acoustics.

Series 5 units sport all necessary inputs including AES/EBU, S/PDIF, USB and Ethernet. The **Room Ready** feature is currently in the certification procedure.

Signal processing features in the signal path are a long overdue topic on audiophiles' wishlists. Weiss Engineering also builds **state of the art** digital audio equipment for **Mastering Studios** and thus we know a thing or two about top notch algorithms.

Mr. Herbie Hancock on Weiss converters:

"We all have been marveling over how great your gear opens up the music. Both products have been invaluable assets to the special superior sound of my record. I'm so fortunate to have the opportunity to use them for this project about peace through global collaboration.

Thanks for being a part of this grand vision for the future."

Mr. Herbie Hancock

Multiple Grammy-winning artist and musical pioneer, commenting on our A/D and D/A Converters he used for «The Imagine Project».

over....



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The following signal processing can be applied in the Series 5 units -
for speaker playback:

- ** Room Equalization to suppress room resonances at low as well as high frequencies
- ** Creative Equalizing (tone control)
- ** Vinyl playback emulation to get that vinyl sound
- ** Constant playback volume for night time listening
- ** Crosstalk Cancelling for a new stereo playback experience
- ** De-Essing to get rid of overly bright sibilance
- ** Mid / Side control for stereo stage widening (in development)
- ** Reverberation to liven up dry recordings (in development)
- ** Loudness Control (in development)

The following signal processing can be applied in the Series 5 units -
for headphone playback:

- ** Equalization for the headphone / hearing combination frequency response correction (in dev.)
- ** Crossfeed, to emulate the crosstalk between left and right and right and left channels (in dev.)
- ** Mid / Side control for stereo stage widening (in development)
- ** De-Essing to get rid of overly bright sibilance
- ** Creative Equalizing (tone control)
- ** Reverberation to liven up dry recordings (in development)
- ** Vinyl playback emulation to get that vinyl sound
- ** Loudness Control (in development)

A short overview of the Series 5 features:

- ** Inputs: AES/EBU and S/PDIF, USB, DLnA, Roon Ready.
- ** DAC501 / DAC502 Analog Outputs: XLR, RCA, ¼" Jack, 4 pin XLR (DAC502 only).
- ** DSP501 / DSP502 Digital Outputs: AES/EBU on XLR, RCA, two separate outputs.
- ** Control via touch screen, IR remote control and web interface.

The DAC501 / DSP501 units are half sized compared to the DAC502 / DSP502 units. They sport the same electronics / features though.

