



WEISS



DAC502

MAN301

P5U101

INT202

INT203

INT204

TECH progressive audio PROS



SCHILD

PSI
AUDIO
ESTD 1982

LISTEN TO MUSIC
THE WAY IT WAS
MADE

•• TRUE FLAT PHASE
•• PHASE COMPENSATED
•• 100% PURE ANALOG
•• HANDMADE IN SWITZERLAND

FAST FORWARD
WWW.PSIAUDIO.COM

Magnet HECCO

Room modes

Room modes:

Room dimension = x (factor length/2)
Standing waves with 1/2 or $\lambda/4$ Resonance
Nodes and antinodes at the same place
Long reinforcement lower freq. #1...




Resonance frequency = $20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200$
Room length = 2.5 m, width = 3.5 m, height = 2.5 m

BRUNNEN



WAVAC DAC501 digital to analogue converter

RCA  -13.5dB
44.1kHz
DSP Setup



DAC501

Versatile D/A Converter

AUDZC



WESS

MAN301

Music Archive Network Player

- iPad remote control
- Meta Data editor
- CD ripping
- external storage on NAS devices
- built-in D/A Converter (optional)
- AES/EBU and S/PDIF interfaces
- DSD64 / DSD128 file playback



on

** Room Ready*

** Alle Standard Eingänge
direktes Streaming*

** Line- und Kopfhörer*

** Web Bedienung*

*DSP501/DSP502
keine*

fidata fidata Audio Server
HFAS1 series

Hall 1 C17

DAC502

Versatile D/A Converter

- up to 384kHz / 24 bit DSD
- S/PDIF, USB, S/PDIF, AES/EBU inputs
- Digital Signal Processing for Equalizing, De-Essing, constant volume, vinyl simulation, spatial processing, room equalization
- discrete Class A line and headphone outputs



- Crosstalk Canceling, for a Live listening experience
- De-Easing, to get rid of sibilances
- Constant Volume, for night time or party time listening
- Loudness Control, for listening at low volume levels
- Headphone Equalizer, to adapt your headphone to your hearing

The DAC501 is a high performance digital-to-analog converter for the serious audiophile. It features a wide range of inputs and outputs, and a variety of processing options to enhance your listening experience.

Key Features:

- 24-bit resolution
- 100dB dynamic range
- 100kHz sampling rate
- 100MHz clock
- 100MHz clock



DAC501
 Network D/A Converter
 • 24-bit resolution
 • 100dB dynamic range
 • 100kHz sampling rate
 • 100MHz clock
 • 100MHz clock



MANOS

fidata fidata Audio Server
HFASI series

Hall 1 C17

* Room Ready

* Alle Standard-Eingangsformate werden
direktes Streaming von HD- und SD-Video

* Line- und Kopfhörer-Ausgänge
-Ausstattung

DAC502

Variable Bit Converter

- Up to 24Bit/192 kHz DAC 1000
- LP Filter, USB, S/PDIF, AES/EBU inputs
- Digital Signal Processing for Decoding, De-Emphasis, constant volume, amp simulation, spatial processing, noise reduction
- discrete Class A line and headphone outputs



MAN301

Music Archive Network Player

- 192kHz/24bit DAC
- 100MB/s Ethernet LAN
- 100MB/s FireWire LAN
- 100MB/s USB LAN
- 100MB/s SATA LAN
- 100MB/s DVD-LAN
- 100MB/s Blu-ray LAN
- 100MB/s HD-DVD LAN
- 100MB/s HD-LAN
- 100MB/s HD-LAN
- 100MB/s HD-LAN



PSU101

Analog Power Supply

- 100W, 100V, 100Hz
- 100V, 100V, 100V
- 100V, 100V, 100V
- 100V, 100V, 100V

INT202

Power to USB 100V

- 100V, 100V, 100V
- 100V, 100V, 100V
- 100V, 100V, 100V

INT203

Power to USB 100V

- 100V, 100V, 100V
- 100V, 100V, 100V
- 100V, 100V, 100V

INT204

Power to USB 100V

- 100V, 100V, 100V
- 100V, 100V, 100V
- 100V, 100V, 100V





Signal Processing for Headphones Listening Examples

- Track 1: Crossfeed to emulate speaker playback
- Track 2: Stereo Widening
- Track 3: Room Acoustics / Reverberation
- Track 4: De-Essing
- Track 5: Vinyl Emulation



DAC501 / 502 D/A Converter DSP501 / 502 Signal Processor

The new D/A Converter and the new Signal Processor unit with **signal processing** capabilities such as:

- Room Equalizer
- Creative Equalizer, i.e. a tone control
- Vinyl Sound Simulator
- Crosstalk Cancelling, for a live-listening experience
- De-Essing, to get rid of sibilances
- Constant Volume, for night time or party time listening
- Loudness Control, for listening at low volume levels
- Headphone Equalizer, to adapt your headphone to your hearing



Herbie Hancock on Weiss converters:

"We all have been wondering ever how good your gear sounds up the front."

Both products have been invaluable assets in the source separator sound of the record.

Let us fortunate to have the opportunity to use them for the record, what great "bang" audio collection.

Thanks for being a part of this great music for the future.

Dr. Herbie Hancock
Multiple Grammy-winning artist and musical pioneer.
Conducting for the DAC501 and D/A Converter in use for the Imagine Project.

MAN301

DAC501

Resizable D/A Converter
- 24-bit, 192 kHz
- 100% Analog
- 100% Digital
- 100% Analog
- 100% Digital
- 100% Analog
- 100% Digital





WEISS

MAN301

Music Archive Network Player

- iPad remote control
- Meta Data editor
- CD ripping
- external storage on NAS devices
- built-in D/A Converter (optional)
- AES/EBU and S/PDIF interfaces
- DSD64 / DSD128 file playback



WEISS MAN301 music archive network player

MANZOI

Model: MANSO1
Power: 100W
Frequency: 20Hz - 20kHz
Impedance: 16Ω
Sensitivity: 90dB

...
...
fidata
* Noise level
* All standard engineering components
* Low distortion output
* Low impedance output
* ...

fidata **fidata Audio Server**
HFAS1 series



MAN301

- Music Archive Network Player**
- iPad remote control
 - external storage on NAS devices
 - built-in D/A Converter (optional)
 - AES-EBU and S/PDIF interfaces
 - new: DSD64 / DSD128 file playback



PSU101

- Analog Power Supply**
- precision, non-conducting
 - very low noise / high speed regulation
 - 200V / 230V mains voltage selectable
 - 6V / 75V / 9V / 12V selectable at 0.5A



INT202

- Firewire to AES-EBU Interface**
- remote control for volume
 - single / dual wire
 - up to 24MHz
 - 98 transparency check



INT203

- Firewire to Proton AES-EBU Interface**
- remote control for volume
 - bidirectional operation
 - up to 24MHz
 - 98 transparency check



INT204

- USB to AES-EBU and S/PDIF Interface**
- DSD64 and DSD128 file playback
 - up to 24MHz sampling frequency
 - optional remote control for volume
 - selectable sampling frequency for DSD to PCM conversion

