



In spite of the small size of the CD transport/ DA converter combination - DigiMaster and DriveMaster - the superior quality will meet the highest demands of the high-end audiophiles.

The CD transport DriveMaster is equipped with the famous CDPro2 which is also used in studio's, test equipment and continuous music reproduction units. Together with the special suspension of the drive module a highly accurate readout is ensured. The DriveMaster has two digital outputs, a SPDIF output with BNC connector and a non standard I2S output. The I2S connection to the D/A converter DigiMaster allows a direct data transfer without converting and converting back of the SPDIF signal. An optional full metal remote control ensures easy of operation.

The D/A converter DigiMaster has probably the most consequent high resolution digital audio processing related to simplicity of all converters on the market nowadays. The USB as well as the SPDIF input have 192 kHz/ 24 bit receivers and they directly pass on the data stream to the 24 bit R2R converter PCM1704U-K. Neither upsampling nor oversampling nor digital filters are used to keep the data as pure as possible. The USB data transfer works in an asynchronous mode, whereby the clock is determined by the high precision clock generator of the DigiMaster.

To avoid ground loops between the PC and the DigiMaster, the USB receiver circuit is powered by the PC whereas inductive couplers (iCoupler) provide the galvanic separation.

The principle of minimalistic circuit design is continued in the filter and in the analog stage. For that reason, only analog filters are used to cut off the undesirable ultrasonic frequency range. Depending on the sampling rate, the filters are switched to the proper cut off frequency. The analog filters consist custom made precision inductors and capacitors. A pure tube output stage amplifies the small signals and provides a low output impedance.

All devices of the Master series have an external high quality switching power supply as standard. They meet the latest energy saving rules and have a medical approval for low electromagnetic radiation. As an upgrade we offer a power supply with linear regulation of our own production. Such a power supply is able to supply two devices of the Master series.

The software of both devices - DigiMaster and DriveMaster - is developed on our premises.

DigiMaster

Digital section:

- USB input for high resolution audio format up to 192kHz/24bit, asynchronous mode, input ground free via iCoupler
- SPDIF input for high resolution audio format up to 192kHz/24bit, BNC connector, transformer coupled
- I2S input for DriveMaster
- Multibit D/A converter without any over- or upsampling
- no digital filter in the signal path

Analog section:

- analog low pass filter (cutoff depending on sampling rate), purely passiv
- tube output stage without any semiconductors
- output: 2V/ 200 Ohm

DriveMaster

- CDPro2M transport
- SPDIF output with BNC connector
- I2S output for DigiMaster
- optional full metal remote control

In general

- dimensions DigiMaster (B x H x D) mm: 106 x 125 x 260
- dimensions DriveMaster (B x H x D) mm: 106 x 90 x 260
- weight: each 2 kg
- warranty: 5 years (tubes 6 month)