

Bow ZZ-8 MRK III Upgrade DAC.

A new D/A converter PCB has been made, to meet the growing need for upgrade the out of date or defective ZZ-8 players around the world.

A year long period of development and tweaks has now finally been collected on this brand new PCB called ZZ-8 DAC MRK III upgrade.

The key features are as following:

- Separate main transformer PCB.
- Long life and very low ESD capacitors bypassed with MnO₂ solid Aluminum capacitors.
- Every sub circuit is each supplied with a shunt regulated power supply voltage regulator. Left and right channel also uses separate voltage regulators.
- I2S input for the PRO2M CD ROM drive.
- USB input which enables REAL 192K/24bit streaming from computer via driver.
- High speed input selector for digital I2S source select.
- NOS = Non OverSampling register. No digital filter used. D/A converters are directly clocked by hardware, bit perfect.
- The D/A converters are carefully selected between lots of high end converters on the market. The choice was simple and the now vintage and last real multi bit converter on the market, The PCM1702-K is utilized.
- Each bypass of the D/A converters has been carefully chosen and bypassed.
- Excellent I/U converters are attached to the current output of the D/A converters. They are mounted on separate PCBs. This is done for eventually future upgrade.
- Holco resistors are used in the analogue signal circuits.
- No need for bandwidth limitation because of stable circuits.
- Very low temperature drifts and offset.

All this has been carefully chosen and compared and makes the MRK III design to the ever best possible converter ever commercially available.

An upgrade contains a brand new CD ROM unit (PRO2M), the two tested upgrading PCBs, additional screws, isolator and spacers, and a detailed description of how to modify the chassis for the USB connector and the input selector signal switch. Then the modification can be made on different locations round the world and no need for shipping the player to Denmark.

There are also an onboard SPDIF and Toslink receiver mounted on the PCB. These can be used instead of the PRO2M or the USB input. This makes the design useful as a High End Media DAC for ex TV set DAC.

Unit price Eur 2000 from Denmark.