

# North Star Design

Hi End Audio Equipments from Italy



## DAC MODEL 192 MK II

Digital to analog converter

I2S/spdif/AESEBU.

Balance/unbalance output

**123dB dynamic range**

**2 x PMC 1796 DAC**

**1200 Euro.**



## CD Transport model 192 MKII

Top Loading transport based on a Philips CD-PRO2M mechanism, used in hi-end CD-Player.

The CD-transport has multiple digital outputs including S/PDIF, AES/EBU and I2S:

**2250 Euro.**



## DAC EXTREMO

The Extremo DAC can be connected via S/PDIF or AES/EBU to any existing digital source like CD-player, DAT, CD-transport.

A I2S digital input allows a direct link with M192 CD-transport for the best audio performance.

CS8416 - a very low jitter 192kHz digital receiver from Cirrus Logic.

AD1896 - an high dynamic 192/24 upsampler from Analog Devices  
2 x PCM1792 - 140 dB, 192/24 DAC from Texas Instrument.

**2300 Euro**



### CD PLAYER SAPPHIRE

High rigidity metal frame

- High quality mains filter
- Rubber insulated aluminium feet
- **Philips L1210 CD** module
- True balanced analogue output
- Toroidal transformers with separated sections
- fordigital and analogue supply
- Double mono balanced analogue stage **Analog Devices AD1895** digital upsampler Texas 2 x **PCM 1796 DB DAC**High quality analogue stage design

Very low jitter system clock management

**2000 Euro**



### I2S DIGITAL CABLE WHITE GOLD

'While I can only confirm what already expressed by Lucio Cadeddu in his review about the North Star CDT + DAC192 sound, I have also to underline that, using the I2S Digital Link cable, brings the set to a definitely much higher quality level. The sound remains fluid and musical. The overall brightness increases providing a better sound image, with higher and more precise details. The improved microdynamics make the sound more vivid and impressive. The boost in the middle-high frequencies is clear and noticeable. Therefore, the use of the digital cable I2S White Gold, provided as an upgrade by North Star, substantially

improves an already valid system. One suggestion to the owners of the CDT and DAC 192 set: if you really want to explore the full sonic potential of your digital source, put aside any possible skepticism.

**1100 Euro.**



### SACD PLAYER Sapphire

- Metal remote control High rigidity metal frame
- High quality mains filter
- Three separated power supply for mechanism, digital and analogue sections
- Rubber insulated aluminium feet
- **Philips SD6.3 SACD** module
- True balanced analogue output
- Double mono balanced analogue stage
- **Analog Devices AD1896 digital upsampler**
- **Texas 2 x PCM 1792 DB DAC**
- High grade **IC LME49710** analogue stage design

Very low jitter system clock management

Magnetically coupled digital I<sup>2</sup>S bus

**3200 Euro.**



**1400 Euro**

**Toshiba 2SK170** among the most noiseless transistor of the current production.

**PHONO STAGE MM/MC HIGH LOW**

Bandwidth 5Hz to 90kHz, -3dB Maximum output voltage 8.5Vrms (47 kOhm load)

Overall gain 40dB-60dB @ 1kHz selectable with dip-switch.

Input Impedance 29 Ohm - 100 kOhm selectable with dip-switch. Selectable input Capacitance.

Input Unbalanced 1 pair x channel (RCA)WBT

Output Unbalanced(RCA)WBT - *MM, high output MC, low output MC.*

Handmade Litz cable for this specific application from White Gold. JFET differential built around



**LINESTAGE SE PREAMP**

High rigidity metal frame

Shielded power supply

Separated toroids for analogue and digital

Rubber insulated aluminium feet

**WBT and Neutrik connectors**

**Motorized ALPS blue series volume control**

Buffer and Gain cards on socket for future upgrades

Metal machined remote control

Trigger signal for link to Monoblock amplifier

**2250 Euro**



**MONOBLOCK AMPLIFIER**

High rigidity metal frame

Shielded high current power supply

**500VA** toroidal transformer

**80.000uF** capacitor bank

Rubber insulated aluminium feet

**WBT connector** on unbalanced input

Neutrik connector on balanced input

Fully discrete analogue design

Onsemi **MJL1302/3281** power transistor

High stability on capacitive loads

**White Gold** cable on output connections

**100W/80hm** power unit and **double the power on 4 Ohm** until **390W on 2Ohm**; a big power reserve that allows to drive loudspeakers even in a big room.

**2230 Euro Each.**

