

# GOLD NOTE

The Renaissance of Technology.

## CD PLAYER CD-1000



The player features state-of-the-art digital and analogue stage, and the unique modular design exclusively modelled for the 1000 series that allows growing the main unit to very top high-end audio systems.

The modular design include:

Two unique optional external Class A tube output stages based on 8 or 12 tubes the TUBE-1008 and the TUBE-1012.  
Two optional different external super Power Supply, the PSU-1250 performing 250Watt and PSU-1100 having 100Watt.  
Two external Atomic Master Clocks, the Caesium named CLK-1055 and the Rubidium CLK-1037.

The CD-1000 output stage is a fully balanced solid state high quality performing Dual-Mono PCM1792A best D/A converters as used in the Favard CD player as well as all the best digital sources available on the market today. Optionally the CD-1000 may have two exclusive balanced Class-A tube output stage units the best of which, the TUBE-1012, featuring 12 double triode tubes; that's a special unit using 6 transformers inductive and tube power supply ultra low distortion noise-less and low impedance output. Eventually a simplified 8 tubes unit, the TUBE-1008, outperforms the standard solid-state version also.

The CD-1000 is powered by a proprietary Dual-Mono two transformers power supply as standard that keep the voltage of the unit extremely stable on all the audio signal paths achieving high quality audio performance.

The internal power supply enables the CD Player reducing speed fluctuations very low. Optionally the CD-1000, features two super external power supply, the PSU-1250 performing a massive 250 Watt unit as well as a 100 Watt unit, the PSU-1100, able to enhance to the very top the power energy of the CD-1000 helping a full galvanic insulation from the AC system and a perfect unit shielding from RFI and EMI troubles.

Besides the CD-1000 features the renovated proprietary Gold Note output design called Zero-Clock™ that enables a very effective jitter reduction. The Zero-Clock™ powers a T.I. CDCE906 Clock Master Generator that reshapes the clock every



time the unit play music allowing the digital audio signal being perfectly aligned with the D/A converter guaranteeing the best audio purity and realism.

Alternatively the CD-1000 maybe equipped with two super external atomic master clock units reduce to the top the jitter problem. The CLK-1055 made with a Caesium mineral, the heaviest available on hearth, guarantees the lowest error of digital signal transfer possible as well as an exceptional alignment digital phase of the Rubidium ultra heavy mineral, performing the CLK-1037.

The CD-1000 exclusively features as standard a great quality 24bit 192kHz high-resolution D/A converter performing one S/PDif coaxial and one TOS optical digital inputs powered by AKM receiver and one USB 24bit 192kHz resolution port powered by top class XMOS XS1-L1 500MHz USB high-speed peripheral to play even computer music at the best.

The CD-1000 optionally features a high quality preamp stage based on a PGA single resistor electronically control double mono volume control so good to equip the Demidoff line of amplifiers. Besides it is also available as optional a stereo balanced analogue input allows the unit be an integrated control unit may drive a power amplifier directly.

The transport mechanism model JPL2580 is the drawer type supplied by Austrian Stream-Unlimited a high professional specialized high-end audio spare parts company. It is made of aluminium and it enables the smoothest possible rotational stability reducing the speed fluctuation as well.

This CD-1000 is offered with an elegant large Organic-Led 3D display easily visible from any angle and long distance too.

#### FULL CAPABLE DIGITAL PLAYER:

Performing high quality CD player with full resolution 24/192 USB, Coax and Optical vertically integrated converter.

#### GOLD NOTE MODULAR DESIGN:

Innovative unique modular design performing a variety of external units including two Class-A tube output stages, Atomic Master Clocks and High Power Supplies.

#### TANK MECHANICAL STRUCTURE:

CD-1000 features a great mechanical structure made of solid machined steel and thick aluminium panels guarantee low frequency resonance, feedback vibrational control and low magnetic inertial field.

#### PREAMP AND STEREO ANALOGUE INPUT STAGE (Optional):

To perform a full vertically integrated unit able to drive an audio system on its own.

## SPECIFICATIONS

Main features: CD Player with integrated DAC

Frequency response: 20Hz-20kHz +/-0.3dB

THD – Total Harmonic Distortion: 0.001% max

Signal to noise ratio: -128dB

Dynamic response: 127dB

Output impedance: 50ohm

Phase response: linear phase, absolute phase inverted

Digital filter: proprietary Zero-Clock circuit enabling three different

Master Clock

Mechanic: aluminium JPL-2580 Stream-Unlimited

Speed fluctuation: 0.0001%

Volume control: switchable On/Off Digital partializer

#### Audio outputs

Analogue output: stereo RCA and balanced XLR

Line output level (fixed): 2V RMS RCA and 4V RMS XLR

Digital output: S/PDIF, 75ohm RCA 24bit

#### Audio inputs

Digital input: one RCA S/PDIF coaxial and one TOS-optical asynchronous 24/192

USB port: asynchronous 24/192 High Speed 2.0 port

Analogue input (optional): Stereo balanced XLR

#### Connectivity

Infrared remote: RC5 proprietary code

#### Formats

CD formats: Red Book

Disc compatibility: CD, CD-R, CD-RW, MP3

#### Power

Mains supply: 100V to 245V, 50/60Hz, depending on market destination and not convertible

Dual-Mono power supply

Power consumption: 30W

#### Upgrades

TUBE-1012: Class-A 12 Tubes output stage with inductive tube power supply

TUBE-1008: Class-A 8 Tubes output stage

PSU-1250: Dual-Mono 250Watt Super External Power supply

PSU-1100: Dual-Mono 100Watt Super External Power supply

CLK-1055: super external Atomic clock made with Caesium

CLK-1037: super external Atomic clock made with Rubidium

Preamp Stage: PGA electronically control single resistor dual-mono volume control preamp

Analogue input: Stereo balanced XLR

External AC filter: Gold Note Lucca AC distributor

Other: Gold Note Lucca power chord

#### Physical

Dimensions: 425mm L x 135mm H x 375mm D

Weight: 15kg

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