

DIGICODE 2.24

Tube analog dac 24 bit dual mono 96khz Full Balanced input/output Bit decode perfect circuit BDPC



The Digicode 2.24 has implemented four dual mono 24 bit D to A multi bit converter PCM1704K (not the economical sigma-delta dac) with tube analog output stage as full real balanced. The four dac works as differential mode so the balance signals are generated since from digital source.

We have set-up by trimmer the critical single MSB on DAC for obtain highest real resolution . With special digital filter is possible to choice the right number of coefficients and slope for better listening choice as sound preference.

The analog output section uses selected 4 double triodes in pure class A (4 tubes ECC-81 or 12AT7) .

Tubes are selected for lowest noise and tuning trimmered for precision voltage output.

The conscruction of Digicode is modular: with three removable cards is easily replaceable in case of future upgrading for new technologies the individual form.

A separate power supplu unit reduce the noise floor and magnetic influence to the circuit.

A digital circuit with recovey double PLL oscillator supply stable and precision LOCK-ON with perfect matching with our Digidrive CD-Transport.

A full set of dip-switch internal set-up give to the Digicode (DC-224) a right interface also with many CD-transport of other competitor brands.



Power supply unit PSU-DC224

Three ac mains power switch:

- Mains ac switch
- Digital section ac main
- Analog section ac main



Rear panel of DIGICODE 2.24

- Analog balanced output connectors (brass metal)
- Analog unbalanced output
- BNC-SPDIF digital input
- RCA-SPIDIF digital input
- AES-EBU XLR digital input
- Toggle switch for Ground loop selection
- Optional USB 2.0 digital input for PC/MAC compatibility

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Full Balanced input/output

Digicode 2.24 have many points of innovative circuit solution as:

- Very low jitter digital input with built in reduce jitter circuits
- Modular construction for future upgrading (three board pcb as: digital input/dac board/analog board)
- Separate power supply unit: great and incredible reduce of floor noise!
- Real full balanced circuit: from digital input to analog output!

Premium grade electronics component:

- Film & Foil polipropilene capacitors custom made for analog output
- Ceramic gold plated noval tube sockets
- Digital input transformer hi-speed, hi-flux
- Selected DAC 24 bit as multibit multilevel design
- Toroidal power low flux lose transformer



Convenience & Optional

- SPDIF / AES-EBU XLR digital input connectors
- Multi-inputs separate unit selector switch for 5 digital input ,1 digital out
- Opto inputs digital by : 1) Toslink (basic solution) 2) ST-II laser (hi-quality solution [OPTIONAL])
- USB 2.0 digital input full compatibility with PC Win/OSX Mac
- Cherry wood veneered side panels
- Separate power supply unit

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