

Music-Hall DAC-25.2 RCA Lvl1 & 2 + XLR Lvl1 & 2 + Headphone & Clock option MODIFICATIONS

The following details the modifications for the Music-Hall DAC-25.2:

RCA - LEVEL 1 (Analog Devices op amps):

COST: \$695 USD.

- i) Three dual ANALOG DEVICES AD8620 “smt” op amps, mounted on custom DIP adaptors
- ii) Two Mundorf M-Cap metalized polypropylene output coupling caps; Two MultiCap RTX tin foil, polystyrene film bypass caps
- iii) One Russian mil-spec 6h23p-eb “ultra low noise” 6922-type tube + One Teflon composite silver-plated tube socket
- iv) Two feet of DH LABS 23 awg pure 99.99% pure silver, solid-core hook-up wire, with foamed teflon, tape wrap dielectric
- v) Two “high current” ultra low impedance, Linear Technology adjustable power supply regulators – LT1033 & 1085
- vi) Eight MUR860 ultra fast, soft recover HEXFRED style rectifying diodes
- vii) Five Black-Gate N-Series non-polar electrolytic power supply caps
- viii) Eighteen Takman & Riken Japanese-made audio-grade carbon film 1% signal resistors
- ix) One 6”x12” Soundcoat sheet, for damping chassis resonances
- x) Four small EAR compliant sorbothane isolation feet
- xi) 7.5 hours of Installation Labour

RCA-LEVEL 2 (Burson discrete modules):

- i) Three “dual” BURSON AUDIO “discrete” op amp modules, on custom circuit board assemblies, terminated with DIP spaced flying leads. Over 68 parts per module.
- ii) Two Mundorf M-Cap metalized polypropylene output coupling caps; Two MultiCap RTX tin foil, polystyrene film bypass caps
- iii) One Russian mil-spec 6h23p-eb “ultra low noise” 6922-type tube + One Teflon composite silver-plated tube socket
- iv) Two feet of DH LABS 23 awg pure 99.99% pure silver, solid-core hook-up wire, with foamed teflon, tape wrap dielectric
- v) Two “high current” ultra low impedance, Linear Technology adjustable power supply regulators – LT1033 & 1085
- vi) Eight MUR860 ultra fast, soft recover HEXFRED style rectifying diodes
- vii) Five Black-Gate N-Series non-polar electrolytic power supply caps
- viii) Eighteen Takman & Riken Japanese-made audio-grade carbon film 1% signal resistors

- ix) One 6"x12" Soundcoat sheet, for damping chassis resonances
- x) Four small EAR compliant sorbothane isolation feet
- xi) 9 hours of Installation Labour

COST: \$995 USD

NOTE: To keep cost down on either RCA mod, we did not upgrade the RCA jacks (very time consuming, given current configuration) or change the fuse – that can be done optionally.

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XLR-LEVEL 1 (Analog Devices op amps):

- i) One pair of dual ANALOG DEVICES AD8620 "smt" op amps, mounted on custom DIP adaptors
- ii) Two "high current" ultra low impedance, Linear Technology adjustable power supply regulators – LT1033 & 1085
- iii) Eight MUR860 ultra fast, soft recover HEXFRED style rectifying diodes
- iv) Sixteen Takman Japanese-made audio-grade carbon film 1% resistors
- v) One 6"x12" Soundcoat sheet, for damping chassis resonances
- vi) Four small EAR compliant sorbothane isolation feet
- vii) One German made HiFi Tuning "Classic" pure silver element/end-cap fuse, which uses a ceramic body, internally damped, and cryo-treated
- viii) 6 hours of Installation Labour

COST: \$450 USD.

XLR-LEVEL 2 (Burson discrete modules):

- i) One matched pair of "dual" BURSON AUDIO "discrete" op amp modules, on custom circuit board assemblies, terminated with DIP spaced flying leads. Over 68 parts per module.
- ii) Two "high current" ultra low impedance, Linear Technology adjustable power supply regulators – LT1033 & 1085
- iii) Eight MUR860 ultra fast, soft recover HEXFRED style rectifying diodes
- iv) Sixteen Takman Japanese-made audio-grade carbon film 1% resistors
- v) One 6"x12" Soundcoat sheet, for damping chassis resonances
- vi) Four small EAR compliant sorbothane isolation feet
- vii) One German made HiFi Tuning "Classic" pure silver element/end-cap fuse, which uses a ceramic body, internally damped, and cryo-treated
- viii) 7.5 hours of Installation Labour

COST: \$695 USD.

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a) Headphone Output Option:

- i) One Analog Devices AD8620 driver/buffer op amp (mounted on DIP adaptor)
- ii) Four polystyrene filter-network capacitors
- iii) Four Takman Japanese-made audio-grade carbon film 1% resistors
- iv) Four Black-Gate C-series audio coupling capacitors
- v) 1.5 feet of CONNEX BL-Ag pure 99.9% silver, teflon insulated, shielded interconnect cable
- vi) 2 hours labour

COST: \$195 USD.

b) Clock Option:

Burson Audio Master Clock + 1 hour install labour **(Cost: \$225)**

or

DEXA Technologies D-Clock Master Clock (with even better PS isolation, and even lower jitter) + 1 hour install labour **(Cost: \$375)**