

Strong Points MOSCONI GLADEN ONE 1000.1

Red: Special features/highlights

Blue: Comments

Pout (3% THD) @ 14V4: 1000Wrms @ 2Ohm / 600Wrms @ 4Ohm.

Pout (3% THD) @ 12V: 690W @ 2Ohm / 415Wrms @ 4Ohm.

THD: <0.3% @ 100Wrms ÷ 2Ohm / < 0.4% @ 500Wrms ÷ 2Ohm.

DF: 100 @ 100Hz.

Efficiency (max power): > 83% @ 2 Ohm / > 86 @ 4 Ohm

Idle consumption: < 2A

Max current consumption (14V4): 83A @ 2 Ohm / 48A @ 4 Ohm

Remote volume connector (same controller of the G-ONE family).

Subsonic filter (always in line): 20 ÷ 100Hz, slope 24db/oct.

Low Pass Filter (always in line): 40 ÷ 280Hz, slope 24db/oct.

Phase Shift (always in line): 0 ÷ 360°.

Low Level Output (amplifier can be used as HLA).

Low Level / High Level input mode (by switch).

Auto Sense (only in High Level mode): OFF / BTL / SE (three positions).

Remote output current: max. 150mA

Input impedance: 11K Ohm (low Level) / 47 Ohm (High Level).

Input Sensitivity: 0.2 ÷ 4V (Low Level) / 0.8 ÷ 16V (High Level).

Soft start signal mute.

Design target: 2 Ohm resistive load.

Fuses: 4 x 30A

Recommended operation: 11V ÷ 14V4

Forced cooling ventilation

Thermal protection @ 80°C

High quality, full discrete components design (no commercial all-in-one integrated circuits like typical far east amplifiers). This is the strongest point of the amplifier

High linearity magnetic cores used in the output demodulation filter.

4th order high quality passive filter for the best carrier suppression on power output. The most of the job has been focused on the goodness of the output filter, the real weak point of each D-class amplifier.

Free running D-class stage to optimize acoustical and electrical performances.

No output relay. Maybe no other D-class amplifiers for subwoofer is existing without the output relay

Reduced electromagnetic interference emissions.

Same external dimensions of the ONE 120.4

MADE IN ITALY