



PICO

GLADEN PICO 1

Class D, mono amplifier with onboard LP filter and high level input with autosense power-on

POWER SUPPLY

Power supply voltage	10 - 16V
DC-DC converter typology	Unregulated – Push Pull
On board fuse	1 x 40A
Power-on/Power-off voltage threshold	9V / 6V
Mute delay time	3secs
Autosense power-on (High Level only)	OFF - BTL
Overall efficiency	>75%
Standby current	< 0.1mA (typacal)
Idle current	0.62A @ 12.6V
Thermal cutoff threshold	82°C (±5%)

OUTPUT POWER RMS @ 14.4V (1% THD)

Output power RMS @ 4Ω	500W x 1
Output power RMS @ 2Ω	750W x 1
T.H.D. @ 4Ohm	< 0.05% (1KHZ / 90 Power rating ref)
T.H.D. @ 2Ohm	< 1% (1KHZ / 90 Power rating ref)
Minimum load	2Ohm with musical signal

SIGNAL INPUT

Low level input sensitivity range	0.3 ÷ 4Vrms
High level input sensitivity range	1.5 ÷ 10Vrms
Bandwidth (-3dB ÷ 10W)	13Hz ÷ 20KHz
Low level Input impedance	>15KOhm
High level input impedance	600Ohm
S/N (AP filter 10HZ - 22KHz)	107dB ("A" weighted)
Eq. Input noise (AP filter 10HZ - 22KHz)	1.34uV ("A" weighted)

FEATURES

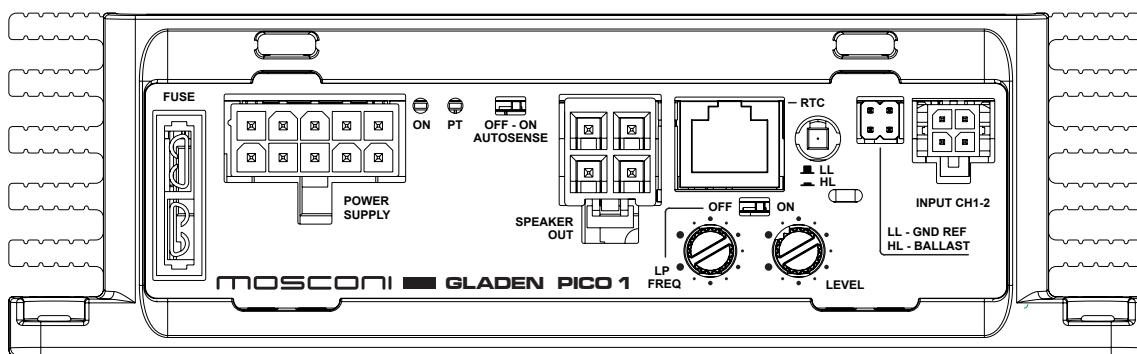
Onboard subsonic filter	13Hz (always on)
Onboard filter configuration	OFF - LP
Onboard filter slope	12dB/oct
Onboard filter frequency	45 ÷ 310Hz
Autosense power-on (HL only)	OFF - BTL
Ground reference (LL only)	OPEN - 220hm
Start&Stop compliance	YES

CONNECTIONS

Low/High level input	Micro-Fit
Speaker out	Mini-Fit
Power supply	Mini-Fit
RCD	Modular jack

APPEARANCE

Dimensions	150x115x46mm
Weight	1050g
Finishing	Black and silver brushed



NOTE: this amplifier is designed to play music on real speakers. It is not rated to drive static signals on pure resistive loads.