



GLADEN ATOMO 4

Class D, stereo amplifier with onboard HP/LP selectable filter and high level input with autosense power-on

POWER SUPPLY

Power supply voltage	10 - 16V
DC-DC converter typology	Unregulated – Push Pull
External fuse	1 x 20A
Power-on/Power-off voltage threshold	9V / 6V
Mute delay time	3secs
Autosense power-on (HL only)	BTL source only
Overall efficiency	> 75%
Standby current	< 0.1mA (typical)
Idle current	0.58A @ 14.4V
Thermal cutoff threshold	93°C (±5%)

OUTPUT POWER RMS @ 14.4V (1% THD)

Output power RMS @ 4Ω	60W x 4 or 150W x 2 [BTL]
Output power RMS @ 2Ω	75W x 4
T.H.D. @ 40hm	< 0.2% (1KHZ / 90 Power rating ref)
T.H.D. @ 20hm	< 0.6% (1KHZ / 90 Power rating ref)
Minimum load	2 Ohm with musical signal

SIGNAL INPUT

Low level input sensitivity range	0.3 ÷ 4Vrms [1:1]
High level input sensitivity range	1.2 ÷ 16Vrms [4:1]
Bandwidth (-3dB ÷ 10W)	5Hz ÷ 31KHz
Low level Input impedance	>15KOhm
High level input impedance	21 Ohm (dummy load with jumper)
Ground reference (LL only)	OPEN - 21Ohm
S/N (AP filter 10Hz - 22KHz)	

FEATURES

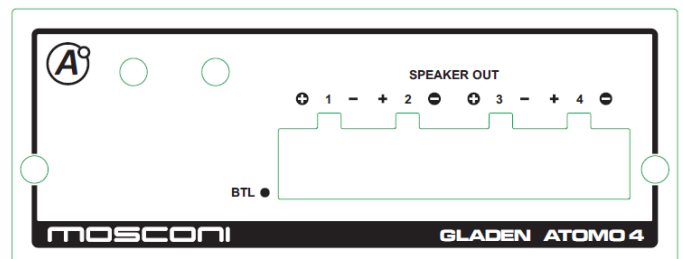
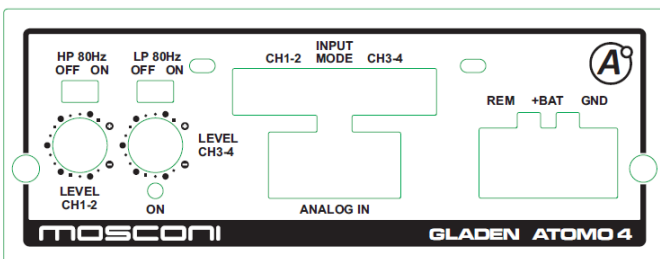
Onboard filter configuration	OFF - HP [CH1-2] / OFF - LP [CH3-4]
Onboard filter slope	12dB/oct
Onboard filter frequency	80Hz
Autosense power-on (HL only)	BTL source only
Start&Stop compliance	YES

CONNECTIONS

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

APPEARANCE

Dimensions	109x65x34mm
Weight	320g
Finishing	Black anodized



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