



# GLADEN ATOMO 1

Class D, mono amplifier with onboard 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	< 1mA (typical)
Idle current	0.45A @ 14.4V
Thermal cutoff threshold	93°C (±5%)

### OUTPUT POWER RMS @ 14.4V (1% THD)

Output power RMS @ 4Ω	205W x 1 (250W @ 16V)
Output power RMS @ 2Ω	350W x 1
T.H.D. @ 4Ω	< 0.08% (1KHZ / 90 Power rating ref)
T.H.D. @ 2Ω	< 0.1% (1KHZ / 90 Power rating ref)
Minimum load	20Ω with musical signal

### SIGNAL INPUT

Low level input sensitivity range	0.26 ÷ 0.7Vrms
High level input sensitivity range	1.3 ÷ 3.5Vrms
Bandwidth (-3dB ÷ 10W)	5Hz ÷ 35KHz
Low level Input impedance	>15KΩ
High level input impedance	210Ω (dummy load with jumper)
Ground reference (LL only)	OPEN - 210Ω
S/N (AP filter 10Hz - 22KHz)	

### FEATURES

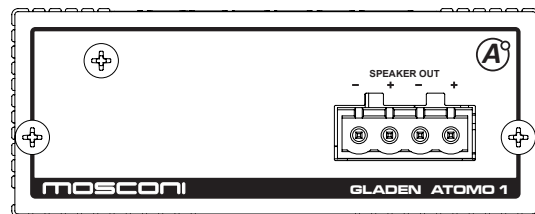
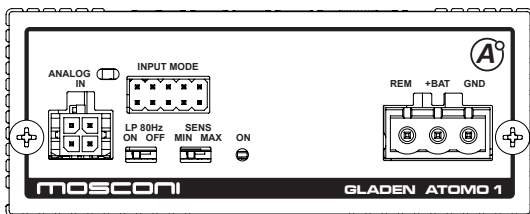
Onboard filter configuration	OFF - LP
Onboard filter slope	12dB/oct
Onboard filter frequency	80Hz
Autosense power-on (HL only)	BTL source only
Start&Stop compliance	YES

### CONNECTIONS

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

### APPEARANCE

Dimensions	86x65x34mm
Weight	280g
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.