



# PICO

## GLADEN PICO 4|8DSP

- Class D power amplifier
- High level input with autosense power-on
- On-board DSP + 4 digitally processed line outputs
- Remote control with RTC (optional)

### POWER SUPPLY

Power supply voltage	10 - 16V
DC-DC converter typology	Unregulated – Push Pull
On board fuse	1 x 30A
Autosense power-on (High Level only)	BTL source only
Overall efficiency	>80%
REM output	10 -16V (100mA)

### OUTPUT

Stereo output power RMS @ 4Ω	90Wx4 or 85Wx2 + 230Wx1 or 230Wx2
	BTL allowed only on CH1-2 and CH5-6
Analog line output	2Vrms x 4 (CH7-10)
	CH3-4 hard bypass of input CH3-4

### SIGNAL INPUT

Analog input	4 x high level + 2 x high/low level
Low level input sensitivity	2Vrms
High level input sensitivity	15Vrms
Auto-fading between inputs	yes
Signal mix capability	yes

### CONNECTIONS

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

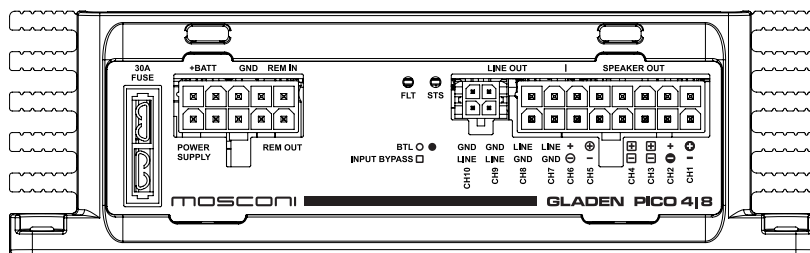
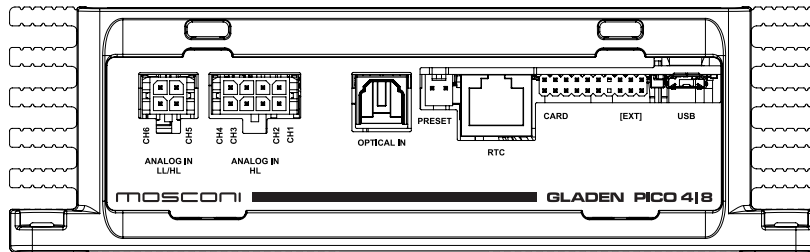
DSP processed analog output	Mini-Fit/Micro-Fit
Input bypass (CH3-4)	Mini-Fit
Digital input	Toslink
Remote control	RTC (optional)
PC Connection	USB
Bluetooth	MOS BT modules (optional)

### DSP FEATURES

Gain level for each channel	-125 ÷ 18dB
Sample rate	96KHz / 24bit
Parametric equalizer bands (CH1-12)	30
Preset	4
HP frequency range for each channel	10 ÷ 20000Hz
LP frequency range for each channel	10 ÷ 20000Hz
HP & LP filter slope for each cell	6 + 12dB
HP & LP filter slope if cascaded (CH1-12)	up to 60dB
Band pass	allowed
Variable "Q" factor	0.5 ÷ 40
Time delay	0 + 15ms (steps of 0.01ms)
Phase inversion for each channel	0/180°

### APPEARANCE

Dimensions	150 x 156.5 x 46mm
Weight	1.1Kg
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.

