



MOSCONI

JUNE 2018



ITALIAN PRIDE!

PLAY ITALIAN

Since 2009, MOSCONI have been manufacturing, exclusively in Italy, amplifiers, DSP and electronic devices for the car audio market through the cooperation of a skilled team of people with more than 20-year experience in this field. Its qualified R&D department, the selection of components and with scrupulous specific tests on every single product bring MOSCONI items up to high quality standards and advanced technology. They are able to integrate with original installations of cars improving and transforming them into hi-end level ones.

QUALITY CERTIFIED

MOSCONI

The awards and prizes that have been assigned to MOSCONI highlights during these years by authoritative European journalists attest its full value.

EUROPEAN In-Car Amplifier 2017-2018 MOSCONI GLADEN PRO 5|30



This debut amp from Mosconi's new PRO series suggests more good things are still to come from the brand. Boasting five independent channels of power - the first stereo pair provides 85W, the second pair 170W while the final channel uses a Class D amp to pipe a substantial 600W to the subwoofer. Maximum flexibility is ensured thanks to the inclusion of separate active crossovers in all channels or, alternatively, all crossovers can be bypassed to adapt the input parameter for use with Mosconi's DSP.

EUROPEAN In-Car Integration 2016-2017 MOSCONI GLADEN DSP 8T012 AEROSPACE



A major turning point in the development of integration processors, the Mosconi GLADEN DSP 8T012 is undoubtedly the star of today's market. A powerful routing procedure enables the most complex of installations and handles eight analogue inputs and twelve outputs, plus one digital input and two digital outputs. By processing at a native sample rate of 192kHz/24-bit, exceptional audio quality is ensured through every step in the chain. Moreover, the Mosconi GLADEN DSP 8T012 also features intelligent control, its AtOM/Auto-fade trigger Option Mode technology automatically detecting the source and selecting the necessary compensation.

EUROPEAN In-Car Smart Upgrade 2015-2016 MOSCONI GLADEN PICO 2



Time is money. With the MOSCONI GLADEN PICO 2 you can save both while still dramatically improving the sound quality of the OEM sound system in your car. It may be hard to believe, but this tiny box (which fits easily into a breast pocket) delivers test-proven 80W of pure power into each of its two channels, which is more than many amplifiers much bigger in size can provide. More importantly, the PICO 2 can be installed almost anywhere inside the dashboard in a matter of minutes with no need for drills or screws. Never before in the history of car audio has it been possible to upgrade the sound quality so quickly, so simply and with such impressive results.

EUROPEAN In-Car Amplifier 2014-2015 MOSCONI GLADEN D2 100.4DSP



The MOSCONI GLADEN D2 100.4 DSP has everything you would expect from an in-car amplifier - except for size. This is an unbelievably small unit with output that belies its dimensions, as four channels of 100 Watts each would be more than enough for even a big amplifier. This amplifier comes with a powerful digital processor packed into the same tiny case, which allows the D2 100.4 DSP to be the heart of a sophisticated and high-quality sound system. In addition to conventional connections, this unit has wireless BT and optical input. Control for the processor can be managed wirelessly using the optional BT module, or via USB. The term 'smart amp' has not yet been coined, but if it were this would be a perfect example.

EUROPEAN In-Car Streaming Solution 2013-2014 MOSCONI DSP_AMAS



The MOSCONI DSP_AMAS is an add-on module for the MOSCONI DSP 6to8 processor. It offers high bit rate, high quality audio music streaming capability to your DSP 6to8 equipped car audio system from any BT equipped music-streaming device such as a phone or tablet. Using A2DP protocol with EDR extension, audio of any file type (eg. FLAC, Ogg, Apple Lossless etc.), is transmitted straight into the digital signal path thus providing high quality interference-free sound. The MOSCONI DSP_AMAS when combined with the DSP 6to8 processor integrates easily into any factory system without sacrificing any of the car's safety or comfort features.

EUROPEAN In-Car Integration 2012-2013 MOSCONI GLADEN DSP6T08



Need a sound improvement that fits anywhere? The MOSCONI GLADEN DSP6to8 might be the right machine for you. It connects easily to aftermarket head units as well as to any factory system. It can handle any flat or pre-filtered signal thanks to its fully adjustable input mixer. It features all the tools needed for digital sound processing, and with its 8 channels it is suitable for virtually any application. The MOSCONI GLADEN DSP-6to8 can be connected to many external sources, including optional solutions for digital inputs and BT audio streaming. Analog level control and automatic head-room management secure optimal conditions for the digital processing, resulting in the best possible in-car sound experience.

EUROPEAN In-Car Amplifier 2010-2011 MOSCONI AS 100.4



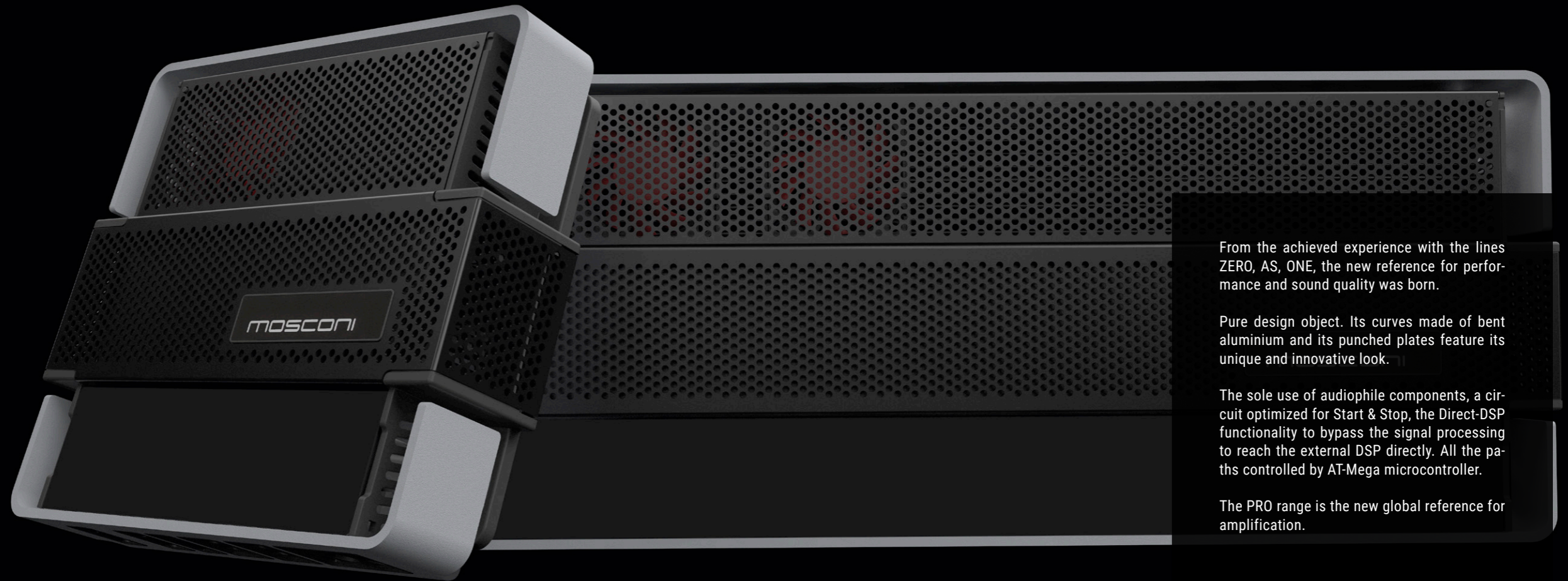
The AS 100.4 is definitely Italian as demonstrated by its quality and style. This elegantly engineered four-channel class AB amplifier includes all the features you would expect from an amplifier of this class plus really unique features such as a slot for pre-configured vehicle specific filter modules offering equalization and sound stage enhancement. This amplifier's design strikes a perfect balance between tradition and innovation, exceeding the highest expectations of the audiophile.



NEXT LEVEL
SOUND QUALITY

MOSCONI

GLADEN
PRO



From the achieved experience with the lines ZERO, AS, ONE, the new reference for performance and sound quality was born.

Pure design object. Its curves made of bent aluminium and its punched plates feature its unique and innovative look.

The sole use of audiophile components, a circuit optimized for Start & Stop, the Direct-DSP functionality to bypass the signal processing to reach the external DSP directly. All the paths controlled by AT-Mega microcontroller.

The PRO range is the new global reference for amplification.

GLADEN PRO

MOSCONI

PRO 1|10

Output power (RMS) @40hm	W	Sound mode: 1 x 525; Power mode: 1 x 670
Output power (RMS) @20hm	W	Sound mode: 1 x 830; Power mode: 1 x 975
Bridged output power (RMS) @40hm	W	
DC-DC converter typology		Unregulated
Input sensitivity range (LL + HL)	V	0.14 ÷ 5.9
Autosense power-on (High Level only)		yes (with BTL source)
HP filter range	Hz	
HP filter slope	dB/Oct	
LP filter range	Hz	43 ÷ 200
LP filter slope	dB/Oct	24
Band pass filter		
Direct DSP		yes
High Level Input		yes
Internal fuse	A	1 x 80
Dimensions	mm	235 x 205 x 55
Finishing		Black/gray

SOUND mode: recommended for full range use, it behaves like the best analog amplifiers.

POWER mode: mainly for subwoofer use, allows the maximum power delivery. It can be activated by pushing a button on the top panel.



PRO 4|10

Output power (RMS) @40hm	W	4 x 120
Output power (RMS) @20hm	W	4 x 160
Bridged output power (RMS) @40hm	W	2 x 320
DC-DC converter typology		Unregulated
Input sensitivity range (LL + HL)	V	0.2 ÷ 12
Autosense power-on (High Level only)		yes (with BTL source)
HP filter range	Hz	43 ÷ 500 (CH1-2 x10); 18 ÷ 220 (CH3-4)
HP filter slope	dB/Oct	12
LP filter range	Hz	43 ÷ 500 (CH3-4)
LP filter slope	dB/Oct	12
Band pass filter		yes (CH3-4)
Direct DSP		yes
High Level Input		yes
Internal fuse	A	1 x 80
Dimensions	mm	235 x 205 x 55
Finishing		Black/gray



PRO 5|30



Output power (RMS) @40hm	W	2 x 95 (CH1-2); 2 x 185 (CH3-4); 1 x 660 (CH5)
Output power (RMS) @20hm	W	2 x 150 (CH1-2); 2 x 290 (CH3-4); 1 x 1030 (CH5)
Bridged output power (RMS) @40hm	W	
DC-DC converter typology		Unregulated
Input sensitivity range (LL + HL)	V	0.35 ÷ 12 (CH1-2-3-4); 0.14 ÷ 5.9 (CH5)
Autosense power-on (High Level only)		yes (with BTL source)
HP filter range	Hz	43 ÷ 500 (CH1-2 x10); 50 ÷ 200 (CH3/4)
HP filter slope	dB/Oct	12
LP filter range	Hz	430 ÷ 5000 (CH1-2 x10); 43 ÷ 200 (CH5)
LP filter slope	dB/Oct	12 (CH1-2-3-4); 24 (CH5)
Band pass filter		yes (CH3-4)
Direct DSP		yes
High Level Input		yes
Internal fuse	A	1 x 150
Dimensions	mm	500 x 205 x 55
Finishing		Black/gray



COMPATIBLE ACCESSORIES:

RTC - p. 64

UNIQUE
AS A MASTERPIECE

GLADEN
A CLASS

MOSCONI

MOSCONI

The very special Dynamic A-Class circuitry combines the best power efficiency with a superb acoustic performance.

GLADEN A CLASS

A CLASS

Stereo Power RMS @40hm	W	2 x 100
Stereo Power RMS @20hm	W	2 x 200
Input sensitivity range	V	0.2 ÷ 5
Internal fuse	A	1 x 80
Dimensions	mm	450 x 250 x 50
Finishing		brushed



FCS: Full Complementary Solutions and power BJTs devices to reach an extraordinary sound experience.

ZNF: Zero Negative Feedback to avoid any kind of intermodulation distortion.

DD: Direct Drive capability to achieve the shortest signal path.

A-CoDe: A-Class on Demand proprietary technology circuitry assures always the best working point of the output transistor to match the real A class needs.

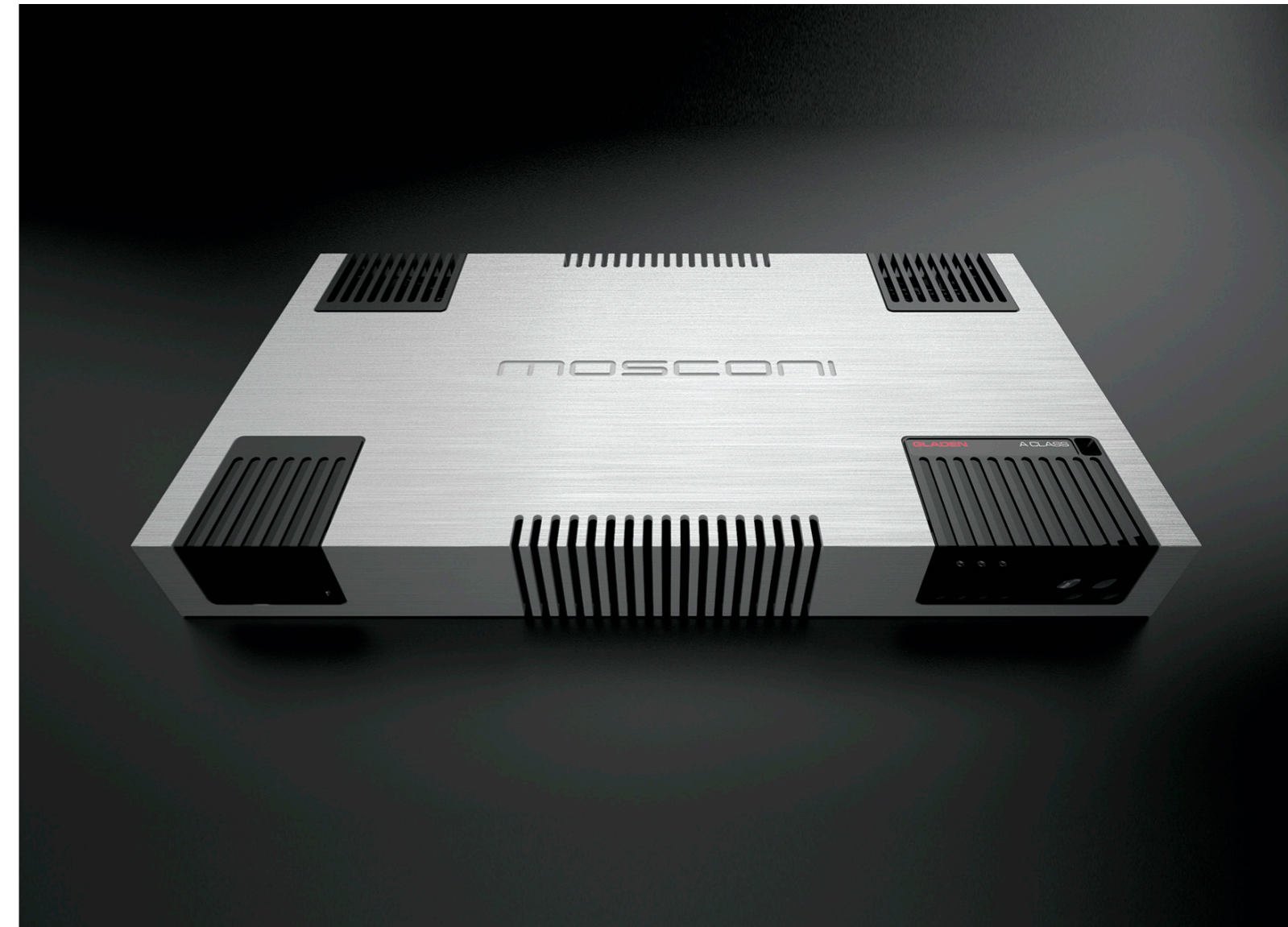
SHGCC: Smooth Harmonics Power Clipping Controlled circuitry avoid a sharp saturation of the output stages when the signal is near to the power supply rail level.

In such way the listening is always pleasant and not tiring, even at high power levels.

COMPATIBLE ACCESSORIES:

G-CARDS (no G_BTL_MONO) - p. 62-63

MOSCONI



POWER & VERSATILITY IN THE FIRST CLASS

MOSCONI

GLADEN ZERO

THE GREAT PARTNERS FOR THE A CLASS.

- AB class, full MOSFET.
- 1 Ohm stable.
- Damping Factor exceeds 3000 (ZERO 3).
- 101dB S/N ratio (A weighted) (for ZERO3 only).
- Very low THD and IMD.
- Regulated power supply.
- High/Low level selector.
- Auto REMOTE function.
- Cross Over with separate High Pass. and Low Pass filter, Band Pass allowed.
- Slot for G_CARDS (G_HOC, G_HP, G_LP, G_FSA, G_BTL_MONO).
- Remote Volume Control RTC_MOS (optional).
- Side panels in soft touch finishing with red LED lighting.
- Dedicated to 150th Anniversary. of the unification of Italy.

ZERO 3
ZERO 4
ZERO 1

GLADEN ZERO 1

ZERO 1

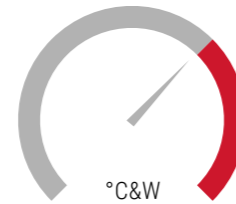
Stereo power RMS @40hm	W	2 x 450 (HyperDrive= 2 x 650)
Stereo power RMS @20hm	W	2 x 850 (HyperDrive= 2 x 1200)
Bridge power RMS @40hm	W	1 x 1700 (HyperDrive= 1 x 2400)
Bridge power RMS @20hm	W	1 x 3000 (HyperDrive= 1 x T.B.D.)
DC-DC converter typology		Regulated
Input sensitivity range	V	0.43 ÷ 9.5 / 1.2 ÷ 27 (HL)
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
High Level Input		yes
Slot for G_CARDS		yes
Internal fuse	A	
External fuse	A	1 x 250
Slot for G_CARDS		yes (G_BTL_MONO in bundle)
Dimensions	mm	590 x 250 x 50
Finishing		brushed



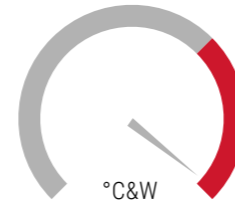
TAKE IT TO THE REDLINE!

AB-Class amplifier with regulated power supply for incredible power and great dynamic sound. MOS HyperDrive & OverCold mode to be protagonist in SPL competitions.

With MOS HyperDrive we have removed the limiter from an already extraordinary amplifier. By using MOS HyperDrive it is possible to achieve very high power, dynamic and acoustic quality at the same time, never experienced before. The MOS OverCold feature activates the cooling fans at maximum speed.



°C&W
STANDARD
circuit amplifier



°C&W
HYPERDRIVE MODE
circuit amplifier

POWER TIP
Absolute top class
CAR & HI-FI 2/2012

COMPATIBLE ACCESSORIES:

G-CARDS (G_BTL_MONO in bundle) - p. 62-63

RTC-MOS - p. 64

MOSCONI



GLADEN ZERO



ZERO 3

Stereo power RMS @40hm	W	2 x 270
Stereo power RMS @20hm	W	2 x 520
Bridge power RMS @40hm	W	1 x 1040
Bridge power RMS @20hm	W	1 x 1850
DC-DC converter typology		Regulated
Input sensitivity range	V	0.2 ÷ 5 / 0.8 ÷ 20 (HL)
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
High Level Input		yes
Slot for G_CARDS		yes
Internal fuse	A	1 x 150
External fuse	A	
Slot for G_CARDS		yes
Dimensions	mm	450 x 250 x 50
Finishing		brushed



ZERO 4

Stereo power RMS @40hm	W	2 x 100 (CH1/2) + 2 x 210 (CH3/4)
Stereo power RMS @20hm	W	2 x 145 (CH1/2) + 2 x 325 (CH3/4)
Bridge power RMS @40hm	W	1 x 290 (CH1/2) + 1 x 650 (CH3/4)
Bridge power RMS @20hm	W	1 x 450 (CH1/2) + 1 x 900 (CH3/4)
DC-DC converter typology		Regulated
Input sensitivity range	V	0.39 ÷ 8.6 / 1.1 ÷ 25 (HL)
HP filter range (switchable)	Hz	20 ÷ 175 (CH1/2 x10); 20 ÷ 175 (CH3/4)
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300 (CH1/2 x20); 50 ÷ 300 (CH3/4)
LP filter slope	dB/Oct	12
Band pass filter		yes
High Level Input		yes
Slot for G_CARDS		yes
Internal fuse	A	1 x 150
External fuse	A	
Slot for G_CARDS		yes
Dimensions	mm	450 x 250 x 50
Finishing		brushed

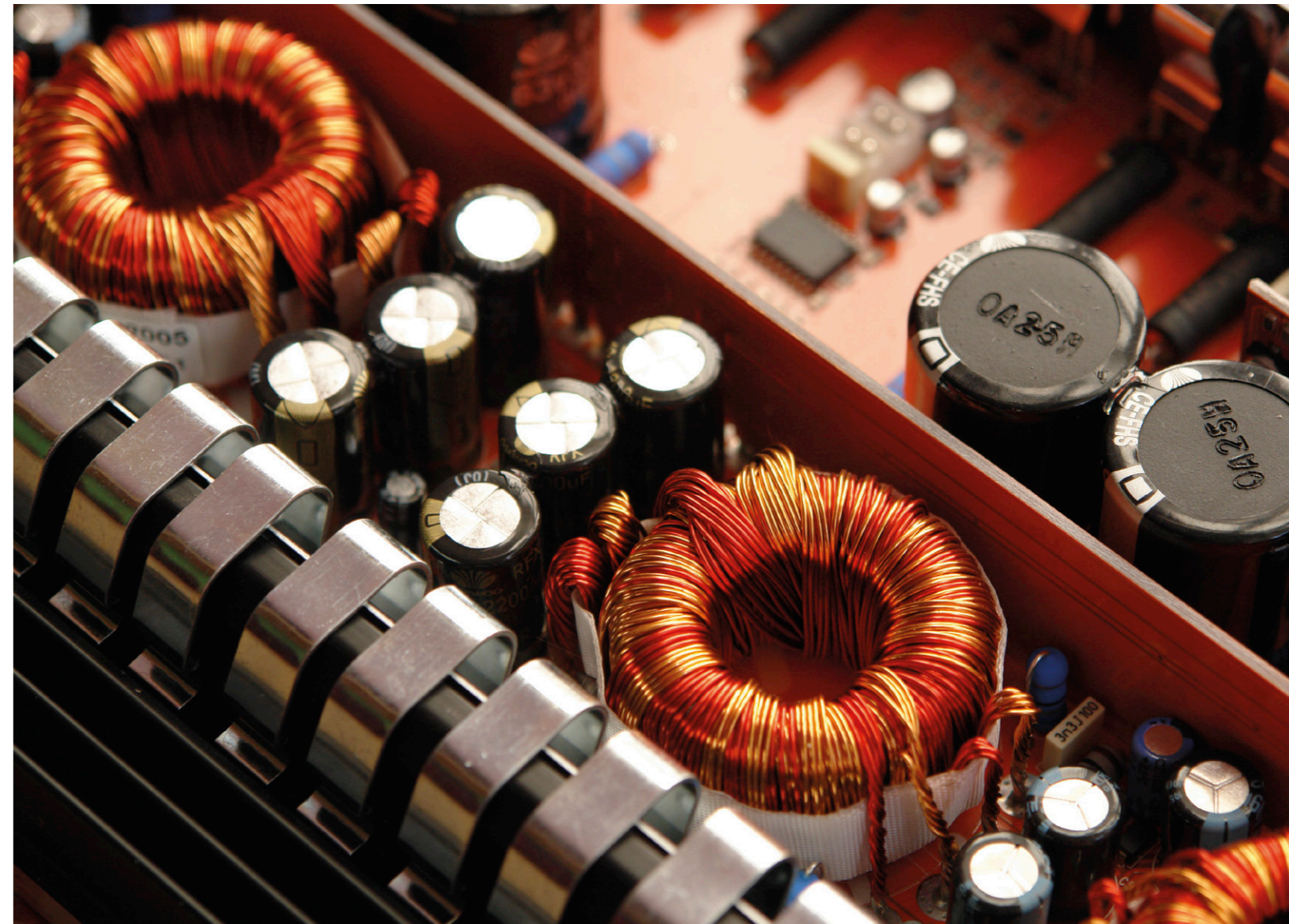


COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC-MOS - p. 64

MOSCONI



PERFORMANCES BEYOND COMPARISON

MOSCONI

GLADEN AS

AS 100.2
AS 200.2
AS 300.2
AS 100.4
AS 200.4

The 1st range, developed from a unique design and audiophile pureness sound, more than any other has achieved the most prestigious awards, from EISA 2010-2011 AWARD for the best car amplifier with AS100.4 to the first places and world records in EMMA, IASCA and dB-CUP.

The amplifier for those who want to get power, control and great sound quality from a compact device. Provided with slots for the optional G_HOC (optimizing cards for preconfigured vehicle to obtain a perfect and easy settings), G_FSA (to regulate the front stage), G_HP/LP (cut frequencies from 25Hz to 8000Hz) and G_BTL_MONO (bridge mono system configuration).

GLADEN AS

AS 100.2

Stereo power RMS @40hm	W	2 x 100
Stereo power RMS @20hm	W	2 x 160
Bridge power RMS @40hm	W	1 x 320
Bridge power RMS @20hm	W	1 x 500
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.2 ÷ 5
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
Internal fuse	A	1 x 40
Slot for G_CARDS		yes
Dimensions	mm	215 x 200 x 50
Finishing		silver or white



AS 200.2

Stereo power RMS @40hm	W	2 x 200
Stereo power RMS @20hm	W	2 x 320
Bridge power RMS @40hm	W	1 x 640
Bridge power RMS @20hm	W	1 x 1000
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.2 ÷ 5
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
Internal fuse	A	1 x 80
Slot for G_CARDS		yes
Dimensions	mm	350 x 200 x 50
Finishing		silver or white



AS 300.2

Stereo power RMS @40hm	W	2 x 300
Stereo power RMS @20hm	W	2 x 550
Bridge power RMS @40hm	W	1 x 1100
Bridge power RMS @20hm	W	1 x 1800
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.2 ÷ 5
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
Internal fuse	A	1 x 150
Slot for G_CARDS		yes
Dimensions	mm	590 x 200 x 50
Finishing		silver or white



COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC-MOS - p. 64

MOSCONI

GLADEN AS

AS 100.4

Stereo power RMS @40hm	W	4 x 100
Stereo power RMS @20hm	W	4 x 155
Bridge power RMS @40hm	W	2 x 310
Bridge power RMS @20hm	W	2 x 480
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.2 ÷ 5
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
Internal fuse	A	1 x 80
Slot for G_CARDS		yes
Dimensions	mm	350 x 200 x 50
Finishing		silver or white



AS 200.4

Stereo power RMS @40hm	W	4 x 200
Stereo power RMS @20hm	W	4 x 320
Bridge power RMS @40hm	W	2 x 640
Bridge power RMS @20hm	W	2 x 950
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.2 ÷ 5
HP filter range (switchable)	Hz	20 ÷ 175
HP filter slope	dB/Oct	12
LP filter range (switchable)	Hz	50 ÷ 300
LP filter slope	dB/Oct	12
Band pass filter		yes
Internal fuse	A	1 x 150
Slot for G_CARDS		yes
Dimensions	mm	590 x 200 x 50
Finishing		silver or white



COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC-MOS - p. 64

MOSCONI



SMART & POWERFUL

MOSCONI

GLADEN ONE

ONE 130.2
ONE 250.2
ONE 80.4
ONE 130.4 (+ available also with 24V)
ONE 70.6
ONE 1000.1D (+ available also with 24V)
ONE 130.4 **DSP** (+ available also with 24V)
ONE 60.8 **DSP**



Versatile amplifiers featuring fresh and dynamic young sound recommended also for OEM applications. Each models have been improved while maintaining the characteristics of practicality, compactness and sound quality of the previous line.

Provided with High Level Input with autosense power-on and thermo-proportional controlled cooling fans, the amplifiers can be easily installed using the Plug & Play wiring harness (optional).

The ONE amplifiers offer now the possibility to use G_CARDS (optional).

The preamplifier and filter sections have been improved, together with the transient protection against input voltage spikes and the DC-DC converter. Last but not least high grade Analog Device ICs have been used in the input signal interface circuitry

GLADEN ONE

ONE 130.2

Power RMS @40hm	W	2 x 130
Power RMS @20hm	W	2 x 175
Bridge power RMS @40hm	W	1 x 350
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.35 ÷ 16
HP filter range	Hz	/
LP filter range	Hz	/
HP or LP filter range (switchable)	Hz	20 ÷ 225
HP and LP filter slope	dB/Oct	12
Phase shift		/
Auto-sense high-level		only BTL
Internal fuse	A	2 x 20
Slot for G_CARDS		yes
Dimensions	mm	190 x 200 x 50
Finishing		black



ONE 250.2

Power RMS @40hm	W	2 x 250
Power RMS @20hm	W	2 x 340
Bridge power RMS @40hm	W	1 x 680
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.35 ÷ 16
HP filter range	Hz	/
LP filter range	Hz	/
HP or LP filter range (switchable)	Hz	20 ÷ 225
HP and LP filter slope	dB/Oct	12
Phase shift		/
Auto-sense high-level		only BTL
Internal fuse	A	2 x 40
Slot for G_CARDS		yes
Dimensions	mm	300 x 200 x 50
Finishing		black



COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC - p. 64

ONE 80.4

Power RMS @40hm	W	4 x 80
Power RMS @20hm	W	4 x 115
Bridge power RMS @40hm	W	2 x 230
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.35 ÷ 16
HP filter range	Hz	/
LP filter range	Hz	/
HP or LP filter range (switchable)	Hz	20 ÷ 225
HP and LP filter slope	dB/Oct	12
Phase shift		/
Auto-sense high-level		only BTL
Internal fuse	A	2 x 20
Slot for G_CARDS		yes
Dimensions	mm	190 x 200 x 50
Finishing		black



ONE 130.4

Power RMS @40hm	W	4 x 130
Power RMS @20hm	W	4 x 175
Bridge power RMS @40hm	W	2 x 350
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.35 ÷ 16
HP filter range	Hz	/
LP filter range	Hz	/
HP or LP filter range (switchable)	Hz	20 ÷ 225
HP and LP filter slope	dB/Oct	12
Phase shift		/
Auto-sense high-level		only BTL
Internal fuse	A	2 x 40
Slot for G_CARDS		yes
Dimensions	mm	315 x 200 x 50
Finishing		black

Available also with 24V



MOSCONI

GLADEN ONE

ONE 70.6

Power RMS @40hm	W	6 x 70
Power RMS @20hm	W	6 x 100
Bridge power RMS @40hm	W	
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.35 ÷ 16
HP filter range	Hz	45 ÷ 225
LP filter range	Hz	45 ÷ 225
HP or LP filter range (switchable)	Hz	20 ÷ 225
HP and LP filter slope	dB/Oct	12
Phase shift		/
Auto-sense high-level		only BTL
Internal fuse	A	2 x 30
Slot for G_CARDS		yes
Dimensions	mm	300 x 200 x 50
Finishing		black



ONE 1000.1D

Power RMS @40hm	W	1 x 600
Power RMS @20hm	W	1 x 1000
Bridge power RMS @40hm	W	
DC-DC converter typology		Unregulated
Input sensitivity range	V	0.4 ÷ 16
HP filter range	Hz	20 ÷ 100
LP filter range	Hz	40 ÷ 280
HP or LP filter range (switchable)	Hz	/
HP and LP filter slope	dB/Oct	24
Phase shift		0 ÷ 360°
Auto-sense high-level		BTL only
Internal fuse	A	4 x 30
Slot for G_CARDS		yes
Dimensions	mm	300 x 200 x 50
Finishing		black

Available also with 24V



COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC - p. 64

MOSCONI



GLADEN ONE DSP

COMPATIBLE ACCESSORIES:

MOS-RCD / MOS-RC MINI - p. 55

MOS-BTM - p. 57

RTC-HUB - p. 65

DSP-AMAS-96K - p. 56



Class AB amplifiers with on-board DSP
+ 2 digitally processed line outputs.
AUX inputs suitable for hands-free set,
mobile navigation and external stereo sources.
Streaming BT by DSP-AMAS-96K (optional).



ONE 130.4 DSP

Stereo power RMS @40hm	W	4 x 130
Stereo power RMS @20hm	W	4 x 175
Bridge power RMS @40hm	W	2 x 350
DC-DC converter typology		Unregulated
Input sensitivity range (low level + high level)	V	0.8 ÷ 17 (HL)
Autosense power-on (High Level only, SE or BTL mode)		yes
Hand-free, Navigator, AUX inputs		yes
Auto-Fading between inputs		yes
Signal Mix capability		yes
USB cable for PC connection		yes
BT wireless module for PC connection (optional)		yes
GUI (Windows XP, VISTA 32/64bit and 7 32/64bit)		yes
Available hardware presets		two
30 bands parametric equalizer		yes
Implemented filters type		all standard filters available
HP frequency range for each channel	Hz	10 ÷ 20000
LP frequency range for each channel	Hz	10 ÷ 20000
HP and LP filter slope for each cell	dB/Oct	6 to 24 (up to 48 if cascaded)
Band pass allowed		yes
Variable "Q"		0.5 ÷ 40
Time delay	ms	0 ÷ 15 (0,02 steps)
Phase inversion for each channel		0 / 180°
Gain level for each channel	dB	-115.5 ÷ 6
Internal fuse	A	2 x 40
Dimensions	mm	315 x 200 x 50
Finishing	V	black

Available also with 24V



ONE 60.8 DSP

Stereo power RMS @40hm	W	8 x 60 or 4 x 60 + 2 x 120
Stereo power RMS @20hm	W	8 x 90 or 6 x 90 + 2 x 180
Bridge power RMS @40hm	W	4 x 180
DC-DC converter typology		Unregulated
Input sensitivity range (low level + high level)	V	0.8 ÷ 16 (HL)
Autosense power-on (High Level only, SE or BTL mode)		yes
Hand-free, Navigator, AUX inputs		yes
Auto-Fading between inputs		yes
Signal Mix capability		yes
USB cable for PC connection		yes
BT wireless module for PC connection (optional)		yes
GUI (Windows XP, VISTA 32/64bit and 7 32/64bit)		yes
Available hardware presets		two
30 bands parametric equalizer		yes
Implemented filters type		all standard filters available
HP frequency range for each channel	Hz	10 ÷ 20000
LP frequency range for each channel	Hz	10 ÷ 20000
HP and LP filter slope for each cell	dB/Oct	6 to 24 (up to 48 if cascaded)
Band pass allowed		yes
Variable "Q"		0.5 ÷ 40
Time delay	ms	0 ÷ 15 (0,02 steps)
Phase inversion for each channel		0 / 180°
Gain level for each channel	dB	-115.5 ÷ 6
Internal fuse	A	2 x 40
Dimensions	mm	300 x 200 x 50
Finishing	V	black

MOSCONI

OUR FULL RANGE IN D CLASS

MOSCONI

GLADEN D2

D2 500.1
D2 150.2
D2 100.4
D2 100.4 **DSP**
D2 80.6 **DSP**

The world's smallest amplifier line with the best power-to-size.

Hi-Low level inputs and auto-sense power-on, slots for the G_CARDS and obviously Made in Italy! No more installation problems in the car. They are easy to place everywhere. Featuring a tuneful and refined sound and a surprising bass banging.

GLADEN D2

MOSCONI

D2 500.1

Stereo power RMS @40hm	W	-
Stereo power RMS @20hm	W	-
Bridge power RMS @40hm	W	1 x 475 [@14V4]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.3 ÷ 14
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE
REM out		yes (max 100mA)
HP frequency range	Hz	20 ÷ 175
LP frequency range	Hz	45 ÷ 310
HP and LP filter slope	dB/Oct	12
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Slot for G_CARDS		yes
Dimensions	mm	151 x 144 x 41
Weight	g	990
Finishing		Silver (brushed)



D2 150.2

Stereo power RMS @40hm	W	2 x 150 [@14V4]
Stereo power RMS @20hm	W	2 x 225 [@13V8]
Bridge power RMS @40hm	W	1 x 450 [@13V8]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.35 ÷ 16
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE
REM out		yes (max 100mA)
HP frequency range	Hz	20 ÷ 175
LP frequency range	Hz	45 ÷ 310
HP and LP filter slope	dB/Oct	12
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Slot for G_CARDS		yes
Dimensions	mm	201 x 144 x 41
Weight	g	1190
Finishing		Silver (brushed)



D2 100.4

Stereo power RMS @40hm	W	4 x 105 [@14V4]
Stereo power RMS @20hm	W	4 x 130 [@13V8]
Bridge power RMS @40hm	W	2 x 90 + 1 x 280 [@13V8]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.35 ÷ 16
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE
REM out		yes (max 100mA)
HP frequency range	Hz	20 ÷ 175
LP frequency range	Hz	45 ÷ 310
HP and LP filter slope	dB/Oct	12
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Slot for G_CARDS		yes
Dimensions	mm	201 x 144 x 41
Weight	g	1230
Finishing		Silver (brushed)



COMPATIBLE ACCESSORIES:

G-CARDS - p. 62-63

RTC - p. 64



GLADEN D2 DSP

Class D amplifiers with on-board DSP + 2 digitally processed line outputs. DSP with SP-DIF digital input, AUX inputs suitable for hands-free set, mobile navigation and external stereo sources.

COMPATIBLE ACCESSORIES:

DSP-RCD and DSP RC MINI - p. 55

MOS-BTM / MOS-BTS - p. 57

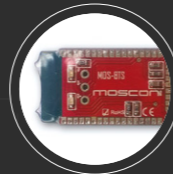
DSP-AMAS-96K - p. 56

RTC-HUB - p. 65

ACCESSORY: MOS_BTS

High quality BT streaming audio module specially made by MOSCONI to be used exclusively with DSP products equipped with specific connector.

It supports the A2DP profile and streams music formats like WAVE, AAC, MP3 and lossless like PCM and FLAC.



MOSCONI

D2 100.4 DSP



Stereo power RMS @40hm	W	4 x 105 [@ 14V4]
Stereo power RMS @20hm	W	4 x 130 [@ 13V8]
Bridge power RMS @40hm	W	2 x 90 + 1 x 280 [@ 13V8]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.75 ÷ 12 (LL); 1.9 ÷ 31 (HL) rms
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE
REM out		yes (max 100mA)
Hand-free, Navigator, AUX inputs	AUX	yes (Ch 3-4)
Auto-Fading between inputs		yes
Signal Mix capability		yes
USB cable for PC connection		yes
Proprietary DSP software		yes, for Windows O.S.
SP-DIF digital input (optical)		yes, Toslink
Parametric equalizer bands		30/25/9 (CH1-2/CH3-4/CH5-6)
Implemented filters type		all standard filters available
HP frequency range for each channel	Hz	10 ÷ 20000
LP frequency range for each channel	Hz	10 ÷ 20000
HP and LP filter slope for each cell	dB/Oct	6-12 [max 60/48 (CH1-4/CH5-6)]
Band pass allowed		yes
Variable "Q"		0.5 ÷ 40
Time delay	ms	0 ÷ 15 (0.02 steps)
Phase inversion for each channel		0 / 180°
Gain level for each channel	dB	-115 ÷ 6
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Dimensions	mm	151 x 144 x 41
Weight	g	1028
Finishing		Silver (brushed)



D2 80.6 DSP

Stereo power RMS @40hm	W	6 x 80 [@ 14V4]
Stereo power RMS @20hm	W	6 x 100 [@ 14V4]
Bridge power RMS @40hm	W	4 x 70 + 1 x 215 [@ 14V4]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.27 ÷ 8.5 (LL); 0.7 ÷ 22 (HL) rms
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE
REM out		yes (max 100mA)
Hand-free, Navigator, AUX inputs	AUX	yes (Ch 5-6)
Auto-Fading between inputs		yes
Signal Mix capability		yes
USB cable for PC connection		yes
Proprietary DSP software		yes, for Windows O.S.
SP-DIF digital input (optical)		yes, Toslink
Parametric equalizer bands		30/25/9 (CH1-2/CH3-4/CH5-8)
Implemented filters type		all standard filters available
HP frequency range for each channel	Hz	10 ÷ 20000
LP frequency range for each channel	Hz	10 ÷ 20000
HP and LP filter slope for each cell	dB/Oct	6-12 [max 60/48 (CH1-4/CH5-8)]
Band pass allowed		yes
Variable "Q"		0.5 ÷ 40
Time delay	ms	0 ÷ 15 (0.02 steps)
Phase inversion for each channel		0 / 180°
Gain level for each channel	dB	-115 ÷ 6
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Dimensions	mm	201 x 144 x 41
Weight	g	1340
Finishing		Silver (brushed)



GREAT PERFORMANCES
IN THE SMALLEST SIZE

MOSCONI

GLADEN
PICO



- Class D amplifier.
- with switchable HP or LP filter.
- High/Low Level input.
- Autosense power-on with High Level input and lot of power!

All is encased in incredible small size.

GLADEN PICO

MOSCONI



PICO 2

Stereo power RMS @40hm	W	2 x 80 [@14V4]
Stereo power RMS @20hm	W	2 x 100 [@14V4]
Bridge power RMS @40hm	W	1 x 200 [@14V4]
DC-DC converter typology		Unregulated - Push Pull
Input sensitivity range	V	0.35 ÷ 16
Autosense power-on (High Level only)		only BTL
HP frequency	Hz	80Hz
LP frequency	Hz	80Hz
HP and LP filter slope	dB/Oct	12
Overall efficiency		> 75%
Internal fuse	A	1 x 15
Dimensions	mm	87 x 80 x 30
Weight	g	310
Finishing	mm	Silver (brushed)



"A high-efficiency class D car stereo amplifier with amazing sound, the PICO 2 is the world's smallest audiophile sound quality amplifier."



GLADEN PICO - SCALE 1:1



MOSCONI
SYSTEM MADE IN ITALY

FULL MOSFET CLASS AB POWER AMPLIFIERS
THERMO-SPEED ACTIVE FORCED-COOLING SYSTEM
HIGH FLEXIBILITY X-OVER WITH UPGRADE MODULE
TRIMODE / BRIDGED CONFIGURATION CAPABILITY
ALUMINUM ALLOY MASSIVE STRUCTURE
HUGE CABLE DEDICATED TERMINAL

MOSCONI
SYSTEM MADE IN ITALY

FULL MOSFET CLASS AB POWER AMPLIFIERS
THERMO-SPEED ACTIVE FORCED-COOLING SYSTEM
HIGH FLEXIBILITY X-OVER WITH UPGRADE MODULE
TRIMODE / BRIDGED CONFIGURATION CAPABILITY
ALUMINUM ALLOY MASSIVE STRUCTURE
HUGE CABLE DEDICATED TERMINAL

MOSCONI

MOSCONI

MOSCONI

HIGH RESOLUTION

MOSCONI



GLADEN RANGE DSP



CHOOSE THE RIGHT DSP FOR YOU

	DSP 8T012 AEROSPACE	DSP 6T08 AEROSPACE	DSP 8T012 PRO	DSP 6T08 PRO	DSP 4T06	DSP 4T06 DIF
+Analog input	8 x RCA	6 x RCA	8 x RCA	6 x RCA	4 x RCA	4 x RCA
Analog Output	12 x RCA	8 x RCA	12 x RCA	8 x RCA	6 x RCA	6 x RCA
Digital input	1 x COAX 1 x OPTICAL 1 x BT	1 x COAX 1 x OPTICAL 1 x BT	1 x COAX * 1 x OPTICAL * 1 x BT *	NO	NO	1 x COAX 1 x OPTICAL 1 x BT
Digital Output	1 x OPTICAL	1 x OPTICAL	NO	NO	NO	1 x COAX 1 x OPTICAL
Streaming BT (optional)	DSP-AMAS-96K / MOS_BT	DSP-AMAS-96K / MOS_BT	DSP-AMAS-96K / MOS_BT	DSP-AMAS-96K	DSP-AMAS-96K	DSP-AMAS-96K
Native sample rate	192Khz / 24bit	96Khz / 24bit	96Khz / 24bit	48Khz / 24bit	48Khz / 24bit	48Khz / 24bit
Dimensions	200 x 125 x 40	150 x 125 x 40	200 x 125 x 40	150 x 125 x 40	150 x 125 x 40	150 x 125 x 40

* On the DSP 8T012 PRO, it is possible to select only one digital input at a time

GLADEN DSP AEROSPACE

DSP 8T012 AEROSPACE

HI-END DSP.

DSP 8T012 AEROSPACE is the new leader and reference in its own class of DSP. At present, the best in its world. A game changer. With the native Sample Rate of **192kHz @ 24bit**, in 4K High Resolution and an incredible DSP power, it performs even complex work absolutely lossless.

This is our most advanced DSP ever.

People love using things easily. That's why MOSCONI developed **ATOM / Auto-fade Trigger Option Mode**.

It is so simple to choose your own sources automatically. MOSCONI DSP plays your options intuitively. So whether you are streaming lossless music or listening to your head unit, you - and your ears - will be completely immersed into the Hi-End sound quality.

Component parts of the highest level characterize both DSP models of the AEROSPACE range.



Eight analog inputs and 12 outputs plus two digital in and one out, Sampling rate 192khz/24bit, BT option (for CD Quality Audio Streaming and CPU settings), high-level inputs with autosenes, ATOM =Auto-fade Trigger Option Mode, Input delay & EQ, 30 Band EQ, time delay 0.005 msec/step, 10 adj. filters, Up to 120db/octave crossover slopes are possible.



DSP 6T08 AEROSPACE

HI-END DSP.

DSP 8T012 AEROSPACE, for those who need to manage less input / output channels but want the best of the market.

With the native Sample Rate of **96kHz @ 24bit**, availability of 3 digital inputs and function **ATOM / Auto-fade Trigger Option Mode**.

Component parts of the highest level characterize both DSP models of the AEROSPACE range.

COMPATIBLE ACCESSORIES:

DSP-RCD and DSP RC MINI - p. 55

MOS-BTM / MOS-BTS - p. 57

DSP-AMAS-96K - p. 56

RTC-HUB - p. 65

MOSCONI

FEATURES:

- HIGH RESOLUTION AUDIO;
- AUTONSENSE for auto switch-on: OFF - BTL - SE;
- Smart signal REMOTE-OUT control;
- Detecting power wiring defects for amplifiers and DSP;
- Fully balanced input interface;
- Possible to control by RCD, RC-MINI and MOS_BTM (optional);
- Streaming BT by MOS-BTS and DSP-AMAS-96K (optional).



GLADEN DSP PRO

FEATURES:

- **HIGH RESOLUTION AUDIO;**
- AUTONSENSE for auto switch-on: OFF - BTL - SE;
- Smart signal REMOTE-OUT control;
- Detecting power wiring defects for amplifiers and DSP;
- Fully balanced input interface;
- Possible to control by RCD, RC-MINI and MOS_BTМ (optional);
- Streaming BT by MOS-BTS and DSP-AMAS-96K (optional).



COMPATIBLE ACCESSORIES:

DSP-RCD and DSP RC MINI - p. 55

MOS-BTM / MOS-BTS (only DSP 8T012 PRO) - p. 57

DSP-AMAS-96K - p. 56

RTC-HUB - p. 65

DSP 8T012 PRO

MULTIPURPOSE DSP.

To meet any kinds of needs, Mosconi offers the PRO range.

The **DSP 8T012 PRO** uses high quality components.

The native Sample Rate is **96kHz @ 24bit**, but only one digital input is available in which you can choose whether Coaxial or Optical or for the BT Streaming MOS-BTS module.

Also equipped with the function **ATOM / Auto-fade Trigger Option Mode** to automatically and easily choose the different sources of music or infotainment.



MOSCONI

DSP 6T08 PRO

MULTIPURPOSE DSP.

The **DSP 6T08 PRO** is the perfect DSP for those who do not need digital inputs but want to manage the system only in analogue mode.

But they don't want to give up Mosconi high quality.

Also equipped with the **ATOM / Auto-fade Trigger Option Mode**.

The native Sample Rate is **48kHz @ 24bit**.



GLADEN DSP

DSP 4T06

SMART DSP.

The **DSP 4T06** is the entry level DSP of the MOSCONI range.

EASY REMOTE CONTROL. Possible to control by RCD (Remote Control Display), RC-MINI, BT module and through analogue devices: RTC for master volume and subwoofer and MOS_SWITCH for PRESETS selection.

All the above devices are as options.



DSP 4T06 DIF

SMART DSP.

DSP 4T06 DIF is the same entry level DSP but with the addition of digital connections.



COMPATIBLE ACCESSORIES:

DSP-RCD and DSP RC MINI - p. 55

MOS-BTM - p. 57

DSP-AMAS-96K - p. 56

RTC - p. 64 / MOS-SWITCH - p. 65

MOSCONI

FEATURES:

- 4-channel input, 6-channel output;
- Highest resolution, e.g. time delay in 0,02 msec/step;
- All settings in real-time;
- Low or High level input with AUTOSENSE (only by High Level);
- 4 presets;
- Mixer matrix to realize all possible mixtures and couple input and output channels as desired;
- Streaming BT by DSP-AMAS-96K (optional).



DIGITAL CONTROLLERS

REMOTE CONTROL

REMOTE CONTROL FOR MOSCONI DSPs.

DSP-RC MINI: REMOTE CONTROL.

Possibility to handle subwoofer volume, master volume, mute and presets.

Possibility to connect an external IR remote for other functions (fader, balance, steering wheel control, ...).

Supplied with DSP connection cable - 500 cm length.

Dimensions: L.78 - P. 23/30 - H.43 mm.

Can be used with:
 DSP-AEROSPACE, DSP-PRO, DSP4T06, DSP4T06-DIF,
 D2-100.4DSP, D2-80.6DSP, ONE-130.4DSP e ONE-60.8DSP.



REMOTE CONTROL

REMOTE CONTROL FOR MOSCONI DSPs.

DSP-RCD: REMOTE CONTROL with DISPLAY.

Possibility to handle subwoofer volume, master volume, balance, fader, mute and presets.

Supplied with DSP connection cable - 500 cm length.

Dimensions: L.153 - P. 23/30 - H.43 mm.

Can be used with:
 DSP-AEROSPACE, DSP-PRO, DSP4T06, DSP4T06-DIF,
 D2-100.4DSP, D2-80.6DSP, ONE-130.4DSP e ONE-60.8DSP.

RC-CAN VW

DSP CONTROL WITH ORIGINAL BUTTONS AT THE STEERING WHEEL AND HEAD UNIT SPECIFIED FOR VOLKSWAGEN CAR.

Allows to adjust the volume to OEM commands while listening to music from an external digital source connected to the DSP.

By selecting AUX-IN as source at the OEM radio menu the RC-CAN will activate the digital input of the DSP.

All volume reduction or mute functions remain automated (Volume information, acousting parking aid, navigation signal & hands free signal.)

The RC-CAN uses the BT slot of all MOSCONI DSPs & DSP amps.

- The car must be equipped with "AUX IN".
- Compatible with OEM sound system with fixed level output.
- For all Volkswagen with CAN-Bus 2.0 approx. <2009:
PQ46 with **WHITE** FSI display Golf6 and similar;
MQB+ (PQ) T6 and similar;
MQB (MIB) Golf7 and similar.
- Remote signal from CAN-Bus.

RC-CAN-VW28-550 the bundle consists in:

- RC-CAN-VW interface;
- DSP connection cable - 550 cm length;
- Quadlock T-Cable 28 Pin with RC-CAN connector (SU-QL28VWCAN).

RC-CAN-VW16-550 the bundle consists in:

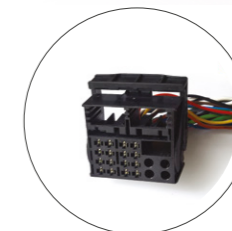
- RC-CAN-VW interface;
- DSP connection cable - 550 cm length;
- Quadlock T-Cable 16 Pin with RC-CAN connector (SU-QL16VWCAN).

RC-CAN-VW-UNI-550 the bundle consists in:

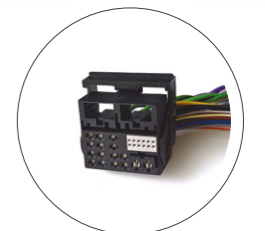
- RC-CAN-VW interface;
- DSP connection cable - 550 cm length;
- RC-CAN connector with open wire (No Quadlock T-Cable).

Can be used with:
 DSP-AEROSPACE, DSP8T012 PRO, DSP4T06-DIF,
 D2-100.4DSP e D2-80.6DSP

When it comes to being in control, few systems can compare to this - putting operation of your Mosconi GLADEN DSP with the original OEM system controls at your fingertips. Thanks to its CAN-BUS integration, the volume of different DSP sources is accessible via the original headunit knob and steering wheel controls, while the original Aux button is also on hand for switching sources. The result is that there's no need for any additional external controls if the music needs to be reduced or muted before receiving incoming calls, or if audible parking sensors need to be heard.



RC-CAN-VW28-550



RC-CAN-VW16-550



BT ACCESSORIES

DSP-AMAS-96K

ADVANCED MULTI AUDIO STREAMING WITH SAMPLE RATE UP 96kHz.

It is a complete digital and analogue audio transmitter, suitable for both professional and consumer audio applications specially made by MOSCONI.

- Complies with the requirements for the AES-3, IEC-60958, and EIAJ CP1201 interface standards.
- Supports high resolution up to 24-bit, 96 kHz audio data format.
- Supports A2DP 1.3.
- Fully compliant to BT 4.2 specifications.
- Stand-alone module with on-board PCB antenna.
- High Quality DAC.
- Analogue output 2Vrms.
- SPDIF optical output.
- Generate Remote-On signal for switching the amplifier.
- Start & Stop tolerant.
- Additional USB power plug for non-Automotive use.
- 2 status LEDs.

Can be used with: DSP-AEROSPACE & PRO, DSP 4T06 & DSP 4T06DIF, ONE 130.4DSP, ONE 60.8DSP, D2 100.4DSP and D2 80.6DSP

HIGH-RESOLUTION AUDIO STREAMING.



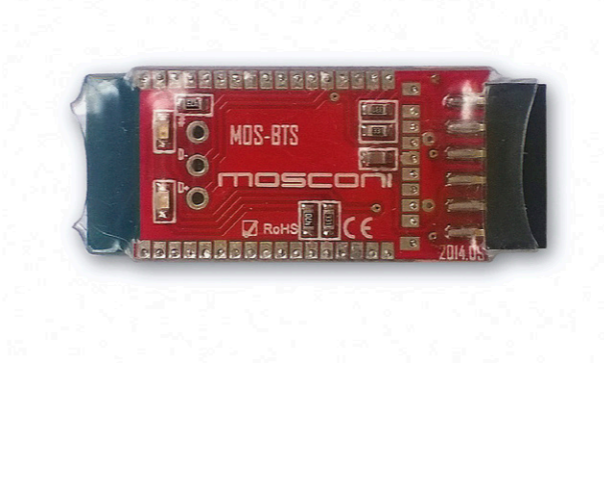
MOS_BTS

BT STREAMING MODULE.

High quality BT streaming audio module specially made by MOSCONI to be used exclusively with DSP products equipped with specific connector.

It supports the A2DP profile and streams music formats like WAVE, AAC, MP3 and lossless like PCM and FLAC.

Can be used with: DSP-AEROSPACE, DSP8T012-PRO, D2-100.4DSP e D2-80.6DSP.



MOS_BTM

BT MODULE.

It allows to connect the DSP to a PC, smartphone or tablet via BT, wireless, instead of the USB cable.

It allows to control the main features: vol. level, sub level, fader, balance and the 4 presets.

App available only for Android and BlackBerry devices (not possible with Apple, there aren't drivers for App via BT).

Can be used with: ONE-60.8DSP, DSP8T012, DSP6T08, DSP4T06, DSP4T06DIF, D2-100.4DSP and D2-80.6DSP.



ANALOGUE PROCESSORS

MOSCONI



HLA.SUM

HIGH LOW ADAPTER with SUM function.

For all radios without PRE outputs.

- Active signal processor circuitry for a superior sound performance with 4-ch power inputs and 4-ch line level outputs on solid RCA connectors.
- SUM capability on CH-1 outputs to rebuild filtered signals (multi-way systems) and BALANCE capability between CH-1 & CH-2 inputs (SUM mode only) to optimize the system adjustments.
- Switch-on signal (Remote) generation for high power outputs B.T.L. and low power output S.E. (by the internal switcher).
- Suitable for any type of radio and amplifier.
- Optimized A class working operational amplifiers, full immunity to any kind of interference, noise and switch-on/off bump/pop.
- Total harmonic distortion (THD) extremely low.
- Low operative current consumption (less than 30mA @ 14V4) and very low quiescent current (less than 0.8mA @ 14V4).
- Double layer PCB and full Surface Mount Technology (SMT).
- Very small size for easy installations: 80 x 83 x 30 mm!
- Plug & Play, non-intrusive installation.
- Professional aluminum housing, brushed finishing.

HLA.PRO

HIGH LOW ADAPTER at Professional level.

For all radios without PRE outputs.

- Active signal processor circuitry for a superior sound performance, optimized A class working operational amplifiers, full immunity to any kind of interference, noise and switch-on/off bump/pop.
- 4-ch power inputs and 4-ch line level outputs on solid RCA connectors.
- Double layer PCB and full Surface Mount Technology (SMT).
- Switch-on signal (Remote) generation for high power outputs B.T.L. and low power output S.E. (by the external switcher).
- Suitable for any type of radio and amplifier.
- Total harmonic distortion (THD) extremely low.
- Low operative current consumption (less than 30mA @ 14V4) and very low quiescent current (less than 0.8mA @ 14V4).
- Very small size for easy installations: 80 x 83 x 30 mm!
- Plug & Play, non-intrusive installation.
- Professional aluminum housing, silver finishing.

ANALOGUE PROCESSORS

MOSCONI

FSA

FRONT STAGE ADJUSTER (Similar to a Time Delay).

The sound is confused?

Adjust your staging and all will be in the right place.

- Effective economic alternative to the "time delay" of car radios and DSP.
- Very easy access by DSP "Pre-Drive Side Out".
- The FSA will be just between the Cinch connector front left plugged.
- Double layer PCB in SMT.
- The FSA is also a HLA, together radios without Preamp are used.

PROCESS YOUR ANALOG SIGNAL.

HLA.DUAL

HIGH LOW ADAPTER for 4-Channel System.

For all radios without PRE outputs.

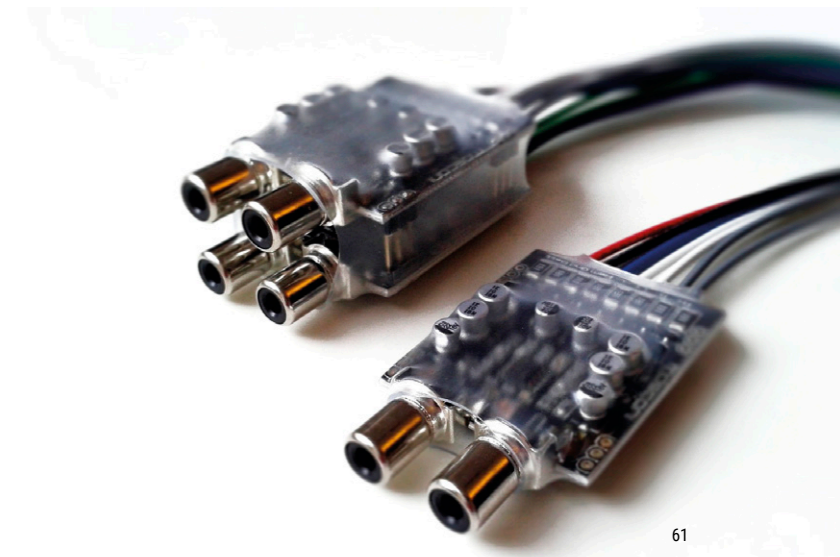
- HLA.DUAL: **4-CH** (L / R front & L / R rear) 60x35x20 mm.
- Maximized engineering to reduce the dimensions while maintaining high-level reliability and acoustic performances.
- Plug & Play for hidden installation.
- Generates a fully automated remote signal to the amplifier with high power output (B.T.L.).
- Optimized signal path to eliminate any kind of interference, noise and switch-on/off bump/pop.
- S / N Ratio: > 100dB.
- Total Harmonic Distortion (T.H.D.): 0.003%.
- Double layer PCB and massive use of SMT technology.

HLA.SLIM

HIGH LOW ADAPTER for 2-Channel System.

For all radios without PRE outputs.

- HLA.SLIM: **2-CH** (L / R) 60x35x8 mm.
- Maximized engineering to reduce the dimensions while maintaining high-level reliability and acoustic performances.
- Plug & Play for hidden installation.
- Generates a fully automated remote signal to the amplifier with high power output (B.T.L.).
- Optimized signal path to eliminate any kind of interference, noise and switch-on/off bump/pop.
- S / N Ratio: > 100dB.
- Total Harmonic Distortion (T.H.D.): 0.003%.
- Double layer PCB and massive use of SMT technology.



G_CARDS

MOSCONI

G_HOC

HIGH-END OPTIMIZING CARD.

Car specific improvements on one card:

- Singers moves to the middle (like time delay);
- Left/Right level compensation (balancing);
- Adjust your car acoustics (equalizing);
- Double layer PCB in SMT.

Available for many different cars:

- AUDI A3 / A4 / TT;
- BMW Serie 1 / Serie 3 / Serie 5 / MINI;
- FORD FOCUS II;
- MERCEDES Classe C;
- OPEL ASTRA;
- PORSCHE BOXSTER / CAYENNE / CAYMAN;
- PEUGEOT 207 / 307;
- VOLKSWAGEN GOLF 3 / 4 / 5 / 6;
- VOLKSWAGEN POLO 3 / 4 / 5.

More info and complete list of car models on mosconi-system.it

Can be used with: A CLASS, ZERO, AS, ONE and D2.

G_LP & G_HP

LOW-PASS and HIGH-PASS FILTER CARD.

They are crossover cards for full active applications.

- Each card contains a complete 12 dB crossover (not just resistors).
- This can also be used for built-in crossover.
- Double Layer PCB in SMT.

Available frequencies

HIGH PASS (Hz):

25, 30, 60, 70, 80, 90, 100, 120, 150, 200, 250, 300, 400, 500, 600, 700, 800, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 6500, 7000, 8000.

LOW PASS (Hz):

50, 60, 70, 80, 400, 500, 600, 700, 800, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7000.

More info on mosconi-system.it

Can be used with: A CLASS, ZERO, AS, ONE and D2.

G_FSA

FRONT STAGE ADJUSTER CARD.

The sound is confused?

Adjust your staging and all will be in the right place.

- Effective economic alternative to the "time delay" of car radios and DSP.
- Double Layer PCB in SMT.

Can be used with: A CLASS, ZERO, AS, ONE and D2.

G_BTL_MONO

BTL CARD

This card has been mainly thought to be used when the amplifier works in BTL on a mono speaker, especially if the speaker has a low impedance.

- Assures a perfect power balancing between channels because the mono signal is processed out of the power stages.
- Increases the amplifier gain of a +6dB factor.
- Activates the RTC behaviour allowing the remote volume control.

Can be used with: ZERO (in bundle with ZERO1), AS, ONE and D2.



ANALOGUE CONTROLLERS

RTC_MOS

REMOTE VOLUME CONTROL.

It is an indispensable device for those who want full subwoofer control.

From your seat you can adjust the volume of the subwoofer in a simple and effective way, without entering the car radio menu each time.

It consists of two units: the card to be inserted into the amplifier and the device (RTC) with remote volume, equipped with cable.

- Plug and Play.
- Double Layer PCB in SMT.
- Components with high quality audio.
- Adjustment of 0 to-20dB.

Can be used with: ZERO and AS.



RTC

REMOTE VOLUME CONTROL.

It is an indispensable device for those who want full subwoofer control.

It consists of the device (RTC) with remote volume, equipped with cable.

- Plug and Play.
- Double Layer PCB in SMT.
- Components with high quality audio.
- Adjustment of 0 to-20dB.

Can be used with: DSP4T06, DSP4T06DIF, PRO, ONE, D2 and RTC-HUB.

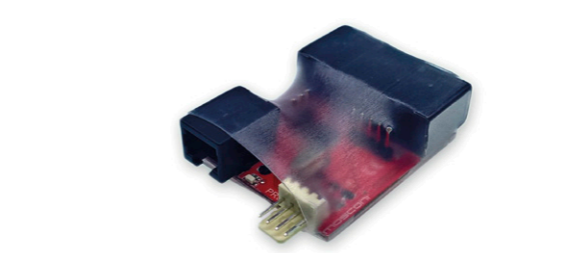


RTC-HUB

ANALOGUE INTERFACE FOR RTC.

It's a remote control interface that enables usage from analog RTC & MOS_SWITCH (at the digital RCD plug-in location) for all MOSCONI DSP (not needed for DSP4to6, DSP4to6DIF and ONE 120DSP).

Can be used with: DSP-AEROSPACE, DSP-PRO, D2-100.4DSP, D2-80.6DSP, ONE-130.4DSP e ONE-60.8DSP.



MOS_SWITCH

SWITCH MODULE.

It is a rotary switch for the selection of the 4 preset available.

It is provided with a 5mt cable.

Can be used with: DSP4T06, DSP4T06DIF and RTC-HUB.



WIRING

QUADLOCK T-CABLE

T-CABLE FOR OEM SOURCE WITH QUADLOCK CONNECTOR.

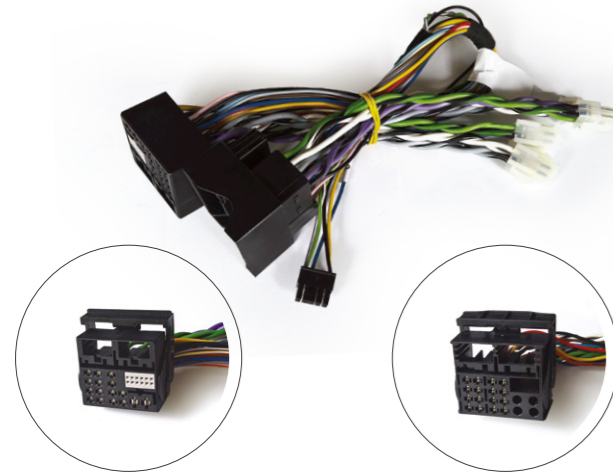
- Quadlock connector 16 or 28 pin.
- MOLEX connectors for front/rear audio signal with or without GLADEN RC-CAN connector.

SU-QL16: Quadlock-16 pin.

SU-QL16-VWCAN: Quadlock-16 pin with GLADEN RC-CAN connector.

SU-QL28: Quadlock-28 pin.

SU-QL28-VWCAN: Quadlock-28 pin with GLADEN RC-CAN connector.



QUADLOCK 28

QUADLOCK 16

QUADLOCK P&P CABLE

PLUG & PLAY CABLE HARNESS FOR OEM SOURCE WITH QUADLOCK CONNECTOR.

- Quadlock connector 16 pin.
- 2CH or 4CH system.
- RCA for audio signal.
- Terminated wire for amplified signal.
- 250 or 500 cm length.

PP-QDL-4CH-5.0: 4CH system - 500 cm length.

PP-QDL-4CH-2.5: 4CH system - 250 cm length.

PP-QDL-2CH-5.0: 2CH system - 500 cm length.

PP-QDL-2CH-2.5: 2CH system - 250 cm length.



QUADLOCK 16

QUADLOCK ADAPTER

MOST/QUADLOCK-40 PIN ADAPTER.

PP-QDL-LOOP



ISO CABLE

PLUG & PLAY CABLE HARNESS FOR OEM SOURCE WITH ISO CONNECTORS.

- 2CH system.
- RCA for audio signal.
- Terminated wire for amplified signal.
- 550 cm length.

PP-ISO-2CH-5.0



WIRING

SIGNAL CABLE

CABLE HARNESS TO CONNECT OEM SOURCE AUDIO SIGNAL TO THE AMPLIFIER.

- 2CH system.
- Front/Rear standard color.
- MOLEX/RCA connector.
- 275 or 550 cm length.

SU-41.275: Front (White/Gray) - 275 cm length.
SU-41.550: Front (White/Gray) - 550 cm length.
SU-42.275: Rear (Green/Violet) - 275 cm length.
SU-42.550: Rear (Green/Violet) - 550 cm length.



SPEAKER CABLE

CABLE HARNESS TO CONNECT AMPLIFIER OUTPUT TO SPEAKERS.

- 4CH or 6CH system.
- MOLEX/MOLEX connector.
- 275 or 550 cm length.

SU-32.275: 4ch - 275 cm length.
SU-32.550: 4ch - 550 cm length.
SU-33.275: 6ch - 275 cm length.
SU-33.550: 6ch - 550 cm length.

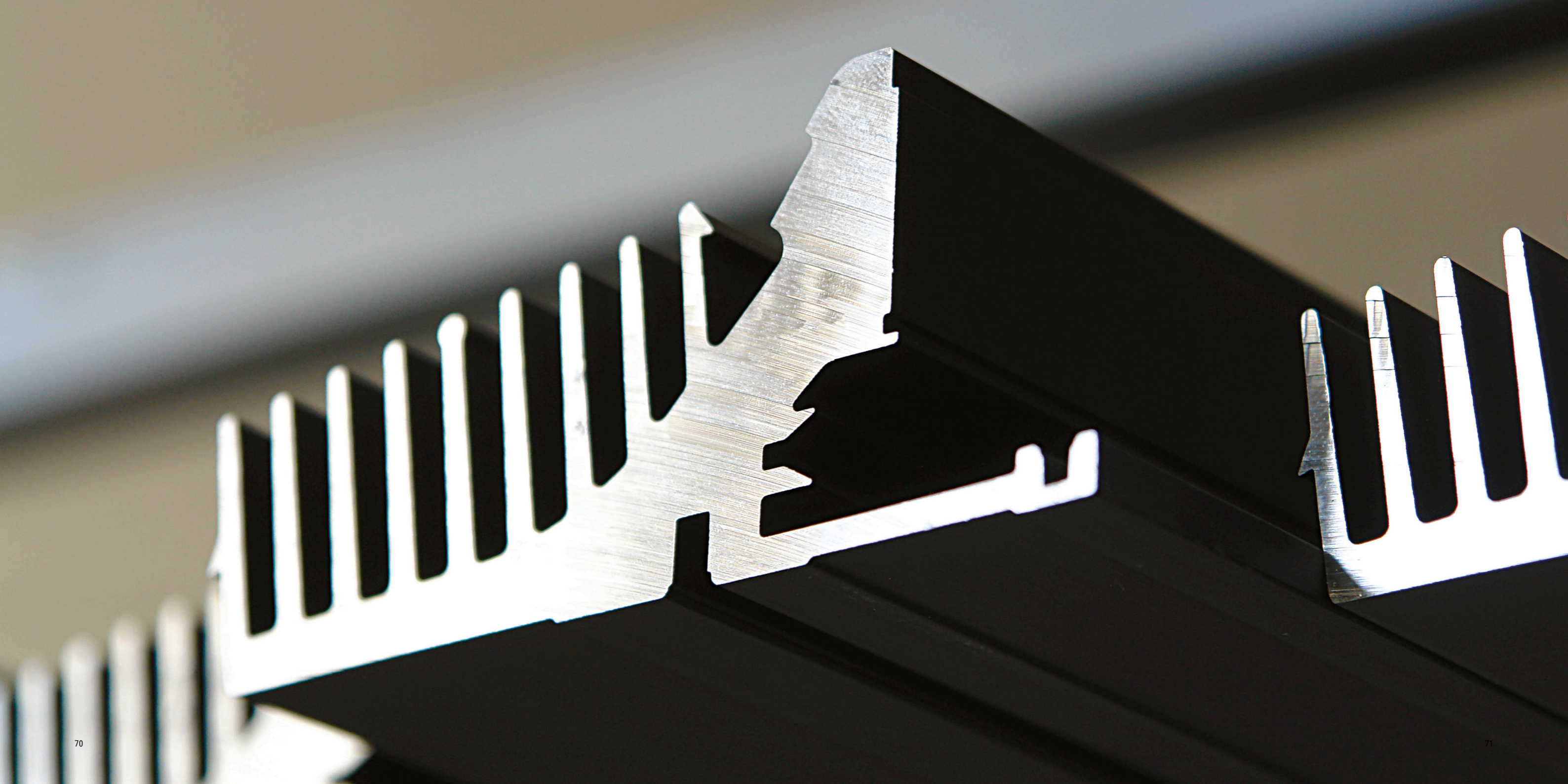


CONNECTORS

MALE RCA TO TERMINAL BLOCK ADAPTER.

HLRCA-M: (couple).







PLAY ITALIAN

100% Designed & Built in Italy by:

MOSCONI S.r.l.

Via La Villa 28 - Località Ghilardino

61034 Fossombrone (PU) - ITALY

Ph. +39 0721 728570 - Fax +39 0721 1830951

info@mosconi-system.it

www.mosconi-system.it

Worldwide distribution:

GLADEN EUROPE GmbH

Bertha-Benz-Straße 9

D-72141 Walddorfhäslach, Germany

Ph. +49 7127 81028-20 - Fax +49 7127 81028-99

info@gladen.com

www.gladen-audio.com

MOSCONI DEALER:

