

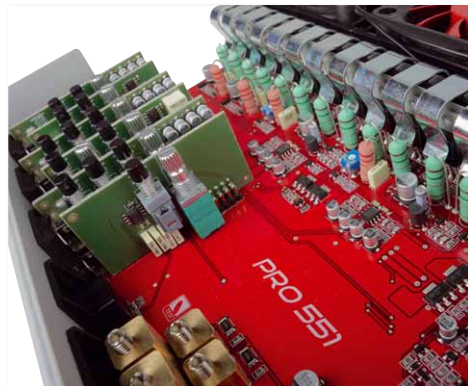
Mosconi Gladen PRO 5/30 – First power amp from Mosconi's new PRO series

New Era



► Introducing the PRO 5/30, Mosconi ushers in a new era of its amplifier line-up. We proudly present the first review.

At Mosconi, the signs point to renewal. The Italian electronics manufacturer having recently excelled at DSPs and compact digital amplifiers of the D2 series finally comes up with something big again. Surprisingly enough, the AS-series top amplifiers have managed to maintain their position in the highly competitive high-end market for almost a decade, and their typical design distinguishes them from other amps at first glance. But now it is time for something new: with the PRO amplifiers, a new amplifier line with top standards enters the sta-



On the right-hand side, the amplification units of the 4 small channels, to the left, the 6 circuit boards with signal processing

ge, and the first of them is the PRO 5/30, which we have brand-new in our editorial department. And the PRO is already signaling the change with its completely new design: Mosconi has in fact said goodbye to the brushed aluminum slide-in housings. But do not worry - the light-metal frame has remained, only now in a slightly more pleasing shape with rounded edges and with a contrasting black perforated plate insert with illuminated logo. This makes the amplifier look very classy, the observer finds numerous steps and recesses catching the eye without perceiving the whole thing as ragged. Incidentally, Mosconi presents its first large power amplifier with more than 4 channels; six and eight channels had so far only been available in the ONE and D2 series. It has become a five-channel model - the 5/30 (the 30 stands for the largest available box), and once we open it, a glance at the board reveals the typical Mosconi signature despite all the innovations. Everything is clean and clearly arranged on the usual red circuit board, and also the internal heatsink cut from an aluminum profile has been maintained. Along it, all the power components are arranged next to each other, no less than 35 in number; and two large fans provide cooling in case

of emergency. The circuit is class AB for the first four channels as expected, and class D for the bass channel. The four small channels are then divided into channel pairs of varying power resulting in three power amplifiers: a small dual channel for the channels A/B, a stronger dual channel equipped with a double transistor for the channels C/D and a digital mono one for the channel E. Signal processing is carried out on six standing subsidiary boards, to be exact one for low and high pass filtering per channel pair, and one for signal routing and for the conversion from high to low level. Also included is a bypass switch for circumventing the diplexers and one selection switch each so that the PRO 5/30 can be supplied with a two-channel, four-channel or six-channel signal.

The operating elements are hidden under the magnetic strip



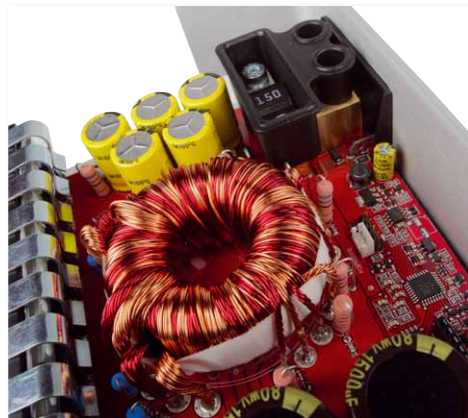


Mosconi's signature:
Clear design with internal
heatsink

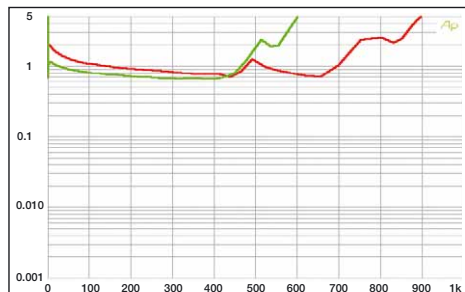
BEST PRODUCT
Absolute Top Class
CAR & HI-FI 5/2017

Measurements and sound

As mentioned, in effect three amps reside in the 5/30. The channels A/B already provide 80 watts into 4 ohms and are thus primed for full-grown compo systems. At channel pair C/D, the power and dampening factors amount to roughly twice of what is present at the first two channels. Crisp 160 or 254 Watts are sent into the load resistors, more than enough for all aspects of life. Thus, the bass channel remains to be discussed. With its 472 and 700 watts it is perfectly well suited to drive even full-grown sub-woofers. However, its distortion behavior is somewhat disappointing, because with close to 1% THD, there is already a great deal of clutter. Not that this would give cause for concern on a sub-woofer, but it is not nice either. As far as the sound is concerned, on the other hand, clear joy prevails. The way in which the PRO convinces pretty much every loudspeaker to make wonderful music is really impressive. Right from the first moment, the Mosconi sound captures the listener. The 5/30 performs music in an incredibly intensive way



Next to the power transformer, we find a full-grown controller



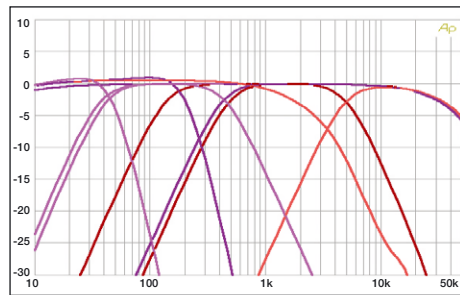
The bass channel comes with quite a lot of THD, but it renders up to gorgeous 700 watts into 2 ohms

without sounding superanalytic in the least. Music of all styles comes to the ear authentically, and it is no problem to identify subtleties of sound. The Mosconi presents them like a duck takes the water leaving no doubt in the „correctness“ or attention to detail of the reproduction. You simply listen to music without worrying about the technology. This is exactly how it should be.

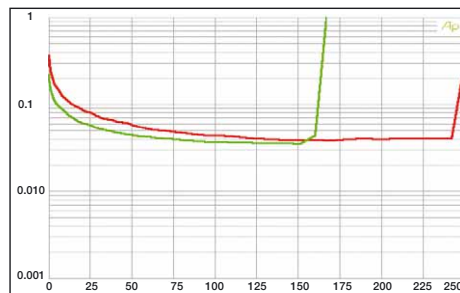
Conclusion

With the PRO 5/30, Mosconi is laying the foundation for a highly promising new series of amplifiers satisfying even the highest sound requirements. We are already excited about what is still to come.

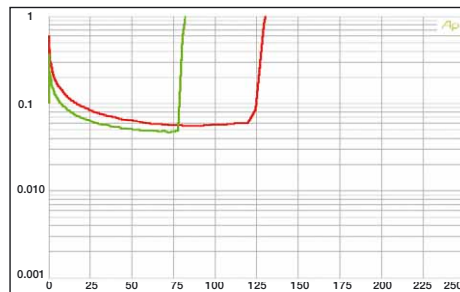
Elmar Michels



Manifold settings for high and lowpass, each with matched adjustment ranges. The lack of shenanigans such as bass boost can easily be overcome



The channels C and D deliver excellent wattage, yielding the best distortion values



Even the smallest channels A and B provide 80 watts into 4 ohms and roughly 130 watts into 2 ohms

Mosconi Gladen PRO 5/30

Distributor Gladen Europe, Walldorfhäslach
Hotline 07127 810282-0
Internet www.gladen.de

Sound	40 %	1,0	■■■■■
Bass	8 %	1,0	■■■■■
Neutrality	8 %	1,0	■■■■■
Transparency	8 %	1,0	■■■■■
Spatial imaging	8 %	1,0	■■■■■
Dynamics	8 %	1,0	■■■■■

Lab	35 %	0,9	■■■■■
Power	20 %	0,5	■■■■■
Damping factor	5 %	0,5	■■■■■
Signal-to-noise ratio	5 %	1,5	■■■■■
Noise	10 %	2,5	■■■■■

Practice	25 %	1,1	■■■■■
Features	15 %	1,0	■■■■■
Build quality electronics	5 %	1,0	■■■■■
Build quality mechanics	5 %	1,5	■■■■■

Specifications

Channels	5
Power 4 Ohm	2 x 80 + 2 x 160 + 472
Power 2 Ohm	2 x 129 + 2 x 254 + 700
Power 1 Ohm	-
Bridged Power 4 Ohm	258 + 508
Bridged Power 2 Ohm	-
Sensitivity max. mV	400
Sensitivity min. V	<13,3
THD+N (<22 kHz) 5 W	0,098/0,103/1,143
THD+N (<22 kHz) Half Power	0,05/0,055/0,705
Signal-to-noise ratio dB(A)	99/89/64
Damping factor 20 Hz	320/560/12
Damping factor 80 Hz	344/558/12
Damping factor 400 Hz	320/559/13
Damping factor 1 kHz	320/559/13
Damping factor 8 kHz	180/214/12
Damping factor 16 kHz	86/98/12

Features

Low pass	450 – 5k Hz (CH34)/45 – 200 Hz (CH5)
High pass	45 – 500/450 – 5k Hz (CH12)/ 35 – 125 Hz (CH34)
Band pass	35 – 5k Hz (CH34)
Bass boost	-
Subsonic filter	-
Phase shift	-
High-level inputs	• (Adapter)
Separate gain control (Autosense)	• DC
RCA outputs	-
Dimensions (L x W x H in mm)	498 x 204 x 55
Others	Sub level remote optional, App

Ratings

Price	1.000 Euro
Sound	40 % 1,0 ■■■■■
Lab	35 % 1+ ■■■■■
Practice	25 % 1,1 ■■■■■

Mosconi Gladen PRO 5/30

Absolute Top Class
Top Class
Upper Class
Middle Class
Lower Class

1,0
Price-Performance:
Very good

CAR & HI-FI

Issue 5/2017

„Classy amplifier holding everything in store for the entire high-end system.“