

SLA Series

Ultra-compact amplifier for installation



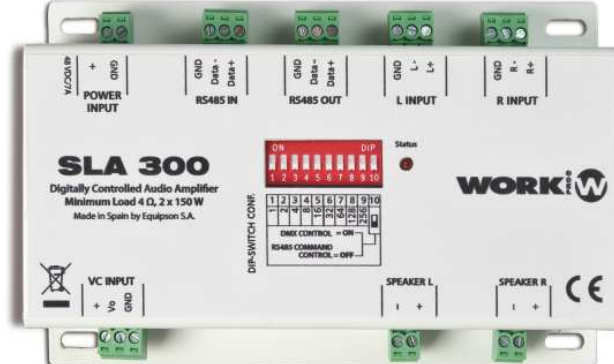
SLA 50

The SLA series is composed of 2 ultra-compact amplifiers designed for fixed installations that require high quality amplification. Both models include a D-class amplifier with its own power output (up to 2x 150W for the **SLA 300**).

The SLA series amplifiers can be controlled by RS 485/DMX protocol or VCO (0 - 5V). In both cases, using an only one channel to control the gain of both L and R channels or switch the unit in standby mode.

In DMX mode, a block of dip-switches allows to configure the starting channel. For RS 485 control, SLAs support ASCII control commands from an external controller, allowing to link several units together.

They are perfectly suitable for speaker systems and ceiling installation. Thanks to its small dimensions and DIN-rail, integration is easier than ever and go unnoticed at the facility.



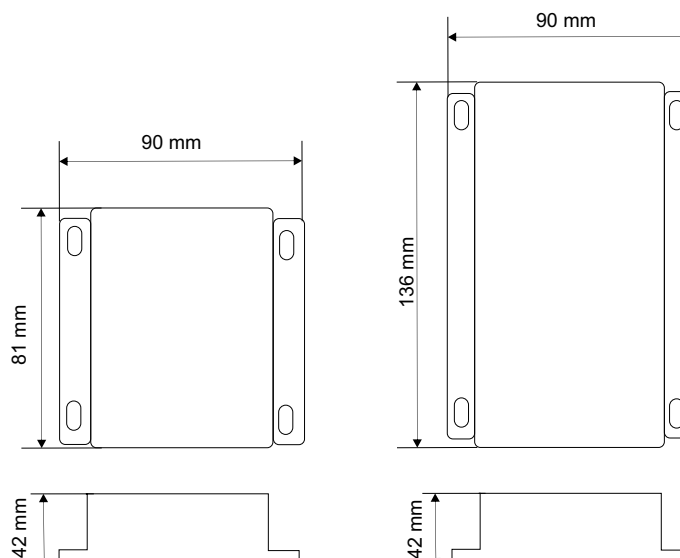
SLA 300

Features

- Ultra-compact stereo amplifiers.
- Power output: 2 x 25W @ 8Ω (**SLA 50**)
2 x 150 W @ 8Ω (**SLA 300**)
- D-class amplifiers.
- DMX control (1 channel) with starting DMX addressing selection through dipswitches.
- Control through RS 485 protocol, accepting ASCII sentences from an external controller.
- External analogic control 0-5V.
- Euroblock terminal in all inputs and outputs.
- Metallic housing.
- Fixation wings.
- DIN rail connection possibility(optional accesory)

Dimensions

* In mm.



SLA Series

Rear View



The SLA Series models allow installation on DIN rails, providing an additional fastening system.

For this purpose, use **DR 1** as the optional accessory



DR 1

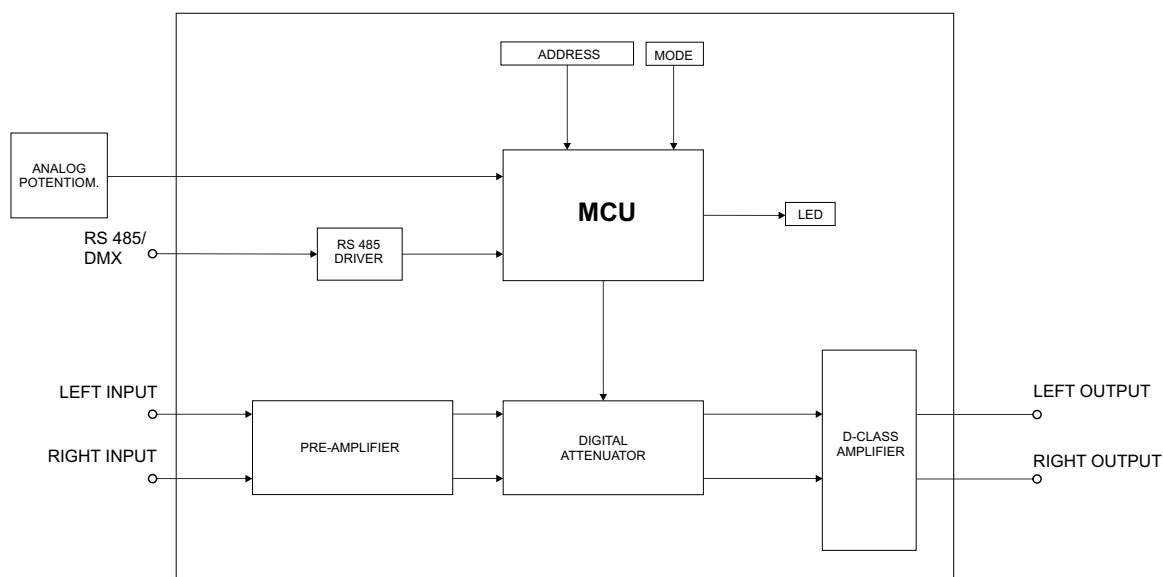
Specifications

MODEL	SL 50	SL 300
N° DMX channels	1	1
Output channels	2 (L+R)	2 (L+R)
Power output 8Ω stereo	2x 12.5 W	2x 75 W
Power output 4Ω stereo	2x 25 W	2x 150 W
DMX value	0% - 10% (OFF-Standby) / 11% - 100% (Volume)	
Analog input	DC 0-5 V	DC 0-5 V
Frequency Response	20 Hz - 20 kHz	20 Hz - 20 kHz
THD + N	0.08 %	0.08 %
THD (10 W)	0.08 %	0.05 %
Input Impedance	22 kΩ	22 kΩ
Input sensitivity	1,6 V / 6.30 dBu	1,6 V / 6.30 dBu
Gain	20 dB	23 dB
Connectors	- 5x Euroblock (3 pin) DMX In/Out, L/R inputs, VC input. - 3x Euroblock (2 pin) Main supply input, L/R outputs.	

MODEL	SL 50	SL 300
Controls	1x Dipswitch block (10 p) DMX setup	
Indicators	1x LED red colour (status)	
Main Supply	DC 24 V	DC 48 V
Power consumption	60 W	310 W
Static power consumption	0.6 W	1.5 W
Dimensions	90 x 81 x 42 mm	90 x 136 x 42 mm
Weight	500 g	600 g

* Specifications are subject to change without notice.

Block Diagram



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