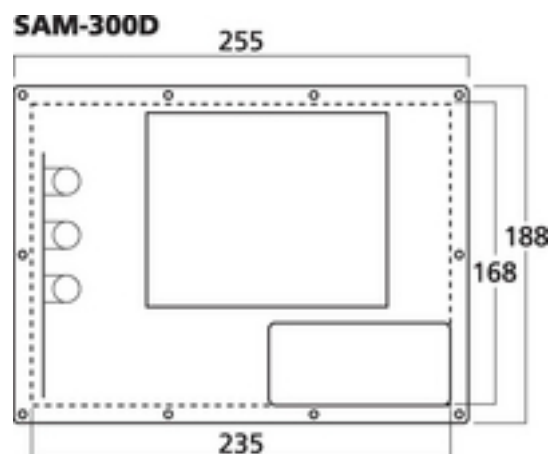


# SAM-300D - Digital Amplifier Module



## Active Subwoofer Modules for the Digital Age

Due to state-of-the-art technology in the digital D class, the digital active subwoofer modules from MONACOR provide a powerful bass reproduction in self-built subwoofer systems. The components feature a high power efficiency and provide an energy-saving operation. The lightweight design of these models which are available at an attractive price ensures a low total weight of the speaker system.

Class D active subwoofer module, 300 W at 4 Ohm

- High-performance active module in class D technology
- Variable low-pass filter: 40-200 Hz (18 dB)
- Continuously adjustable phase control 0-180° for perfectly matching it to the main speakers



- Line input, par. line output
- Integrated bass boost of approx. 3 dB at 40 Hz
- High-level inputs for parallel connection to the speaker cables
- High power reserves

## Technical data:

Peak output power	: 420 W
Power rating	: 300 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: 300 W
Power rating at 8 Ohm	: 150 W
Power rating at 16 Ohm	: -
Power rating at 100 V	: -
Power rating with 4 Ohm	: -
bridged operation	
Power rating with 8 Ohm	: -
bridged operation	
Output impedance	: -
Channels	: 1
Zones	: -
Inputs	: max. 7Â V/22 kOhm
Attenuation factor	: 24.4
Frequency range	: 20Â Hz - (var. 40-200Â Hz)
Crossover network	: 18 dB/oct.
Crossover frequency	: -
Integrated limiter	: -
Equalizer bass	: -
Equalizer midrange	: -
Equalizer treble	: -
S/N ratio	: ? 70 dB
Crosstalk attenuation	: -
THD	: < 0.1%
Phantom power	: -
Mains voltage	: ~ 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 440 VA
Power consumption, standby	: < 0.5 W
Standby current	: -
Operating voltage (possible alternative)	: -
Power supply (possible alternative)	: -
Admiss. ambient temp.	: 0-40 °C
Width	: 188 mm
Height	: 255 mm



Depth	: 90 mm
Rack units, RU	: -
Weight	: 1.3 kg
Connections	: 1 x RCA (line in), 1 x speaker terminal (high power in), 1 x RCA (line out)
Packing dimensions (W x H x L)	: 0.19 x 0.09 x 0.255 m
Gross weight	: 1.722 kg
Net weight	: 1.304 kg