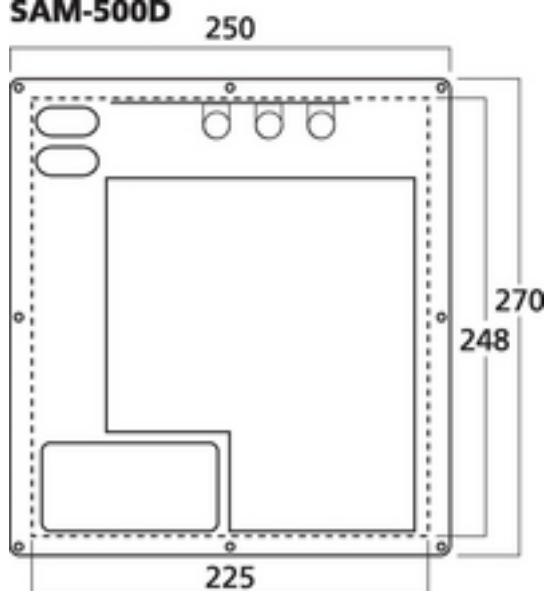


## SAM-500D - Digital Amplifier Module



**SAM-500D**



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, 500 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
- Very high power reserves for bass speakers with a diameter up to 46 cm

## Tekniske data

|  |                            |
|--|----------------------------|
| Peak output power                        | : 700 W                    |
| Power rating                             | : 500 W                    |
| Power rating at 2 Ohm                    | : -                        |
| Power rating at 4 Ohm                    | : 500 W                    |
| Power rating at 8 Ohm                    | : 250 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. 7 V/22 kOhm         |
| Attenuation factor                       | : 25.0                     |
| Frequency range                          | : 20 Hz - (var. 40-200 Hz) |
| Crossover network                        | : 18 dB/oct.               |
| Crossover frequency                      | : -                        |
| Integrated limiter                       | : -                        |
| Equalizer bass                           | : -                        |
| Equalizer midrange                       | : -                        |
| Equalizer treble                         | : -                        |
| S/N ratio                                | : ? 70 dB                  |
| Crosstalk attenuation                    | : -                        |
| THD                                      | : < 1%                     |
| Mains voltage                            | : ~ 230 V                  |
| Mains frequency                          | : 50 Hz                    |
| Power consumption, operation             | : 840 VA                   |
| Power consumption, standby               | : < 0.5 W                  |
| Standby current                          | : -                        |
| Operating voltage (possible alternative) | : -                        |
| Power supply (possible alternative)      | : -                        |
| Admiss. ambient temp.                    | : 0-40 °C                  |
| Width                                    | : 251 mm                   |
| Height                                   | : 270 mm                   |
| Depth                                    | : 90 mm                    |



|                 |   |
|-----------------|---|
| Rack spaces, RS | : -   |
| Weight          | : 2.6 kg  |
| Connections     | : 1 x RCA (line in), 1 x speaker terminal (high power in), 1 x RCA (line out) |