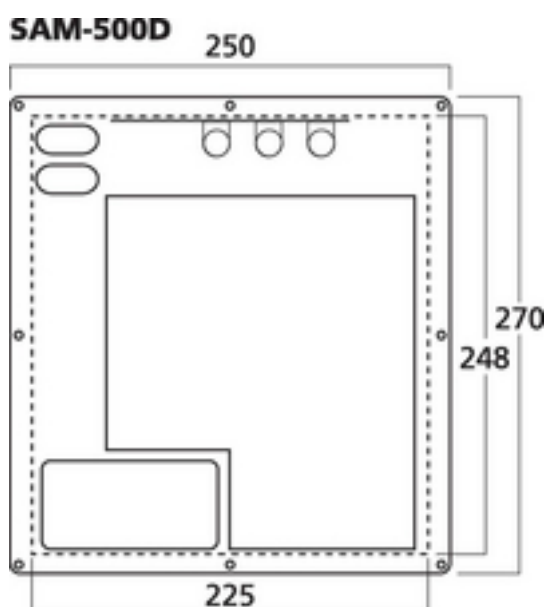


SAM-500D - Digital Amplifier Module



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, 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

Tekniset tiedot:

| | |
|--|------------------------------|
| 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. 7Â V/22 kOhm |
| Attenuation factor | : 25.0 |
| 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 | : < 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) |