



SMA350

WaveDynamics™ Dual Channel Power Amplifier

► Features

- 2 x 350 Watt RMS output power
- Lightweight Class-D Amplifier
- Advanced DSP & Loudspeaker management
- Intuitive graphical interface on 2.5" LCD Display
- Pre-Loadable loudspeaker & set configurations
- Unmatched technology and affordability
- Flexible input and output configuration
- XLR & Terminal block source compatibility
- RS-232 control and USB loadable configurations

► Applications

- Clubs & pubs
- Restaurants & bars
- Warehouses & retail stores
- Public & office buildings
- Mobile applications
- ...



The SMA & SMQ amplifiers are defining a new standard in affordable amplification for both fixed and mobile audio installations. Their different channel configurations and availability in various output powers are providing an enormous flexibility for numerous applications.

The SMA350 is the two channel version of this Class-D power amplifier with an output power of 350 Watt for each channel. The WaveDynamics™ DSP processor in combination with the 2.5" LCD display gives an unmatched user experience with intuitive functions overview for easy configuration.

Acoustics can be optimized using the filters selectable between Low / High & Band Pass and the 7-Band equalizer which both have adjustable frequencies and Q-factor. Other provided functions are delay and dynamic bass boost. These settings can be custom configured using the front panel of the amplifier, whereby access can be given in two different levels (User & Administrator) using password or USB-key protection. Loudspeaker protection is provided by an output power limiter whereby the maximum output power for every channel (in Watt) can be configured.

Configuration is made simple by the loudspeaker presets and full system configurations which can be selected from a library and uploaded with an USB flash drive. This ensures the best acoustical performance with a bullet-proof loudspeaker protection.

A great input flexibility and source compatibility is provided by the input selection matrix in combination with the XLR and terminal block signal connections. The outputs are performed using speakon compatible and terminal block connections. System integration is made easy using the RS-232 control port.

► Specifications

| SYSTEM SPECIFICATIONS | | |
|---|-------------|---|
| RMS Power @ 4 Ohm Stereo | | 2 x 350 Watt |
| RMS Power @ 8 Ohm Stereo | | 2 x 220 Watt |
| RMS Power @ 8 Ohm Bridge | | 700 Watt |
| Frequency response | | 20 Hz - 20 kHz |
| Signal to noise ratio | | > 95 dB |
| THD+N by 1 kHz (1/2 Rated Power) | | < 0.05 % |
| Crosstalk | | > 70 dB |
| Technology | | Class - D |
| Power supply | | Switching mode |
| Power supply range | | 230 ~ 240 V AC / 50 ~ 60 Hz |
| Input Sensitivity | | -19.5 dB ~ 27 dB |
| Input Impedance | | 10 k Ohm balanced |
| Common mode rejection ratio | | 70 dB |
| Damping factor | | > 200 |
| Protection | Amplifier | DC Short-circuit |
| | | Over heating |
| | Loudspeaker | Over load |
| | | Access |
| | Loudspeaker | Output power limiter |
| | Access | User & Administrator level (Through password and USB-key protection) |
| Cooling system | | Temperature controlled FAN (Infinitely) |
| Operating temperature | | 0° ~ 40° at 95% Humidity |
| Connectors | Input | XLR & 3-pin Terminal block (3.81 mm) |
| | Output | Speakon compatible & 2-pin Terminal block (5.08 mm) |
| PRODUCT FEATURES | | |
| Dimensions (Width x Height x Depth) | | 482 x 88 x 420 mm |
| Weight net | | 7.4 |
| Mounting | | 19" |
| Unit height | | 2 HE |
| Construction | | Steel |
| Colour | | Black |
| SHIPPING & ORDERING | | |
| Packaging | | Carton box |
| Shipping weight and volume | | 10.4 Kg - 0.046 Cbm |
| *AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products | | |