

# S-AMP 10.0Q

4-channel high-performance power amplifier



- ✓ RENTAL
- ✓ INSTALLATIONS



## Features

- Class D with active distortion compensation
  - No need to use Zobel chains, and since the feedback is taken directly from the output, distortion and non-linearities are corrected, which are included in the signal
- The most accurate sound reproduction account of less deep feedback
  - Switching power supply with active power factor corrector (PFC), so the efficiency can reach 96%
- No noticeable thermal distortion when playing low frequencies
  - The power supply is based on an LLC resonant half-bridge converter topology. Rectangular structures typical of capacitor circuits are converted into sine waves, greatly improving efficiency
- Full control of the speaker cone due to extremely low output impedance

## Compatibility

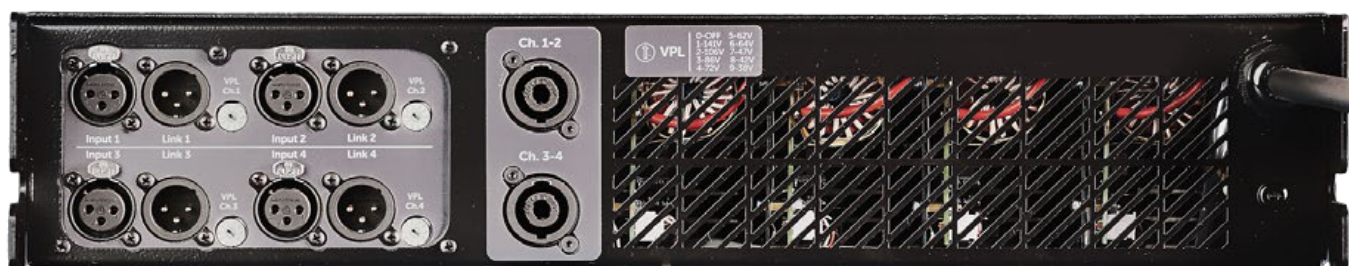
- Line arrays
- Full Range Speakers
- Subwoofers

## Application

- Stadiums and Sports Arenas
- Concert Halls & Clubs
- Bars and Restaurants
- Malls and shops
- Amusement parks
- Theme parks
- City parks and squares
- Educational institutions
- Open air events

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## Specifications

Number of output channels	4
Maximum output voltage per channel	141V
Maximum output current per channel	53A
Circuit design	Class D with active distortion compensation
<b>Output power according CEA-2006 / 490A (1% THD, 1 kHz)</b>	<b>2,66 Ohm 4 Ohm 8 Ohm 16 Ohm</b>
One channel RMS (Maximum Sinusoidal Power)	3260 W 2600 W 1300 W 650 W
<b>Sound characteristics</b>	
THD + N at 1 kHz and 1 dB below clipping	<0,05%
Signal-to-noise ratio	>102,8dB
Damping factor (4 hms, 20Hz - 20kHz)	>500
Frequency response (1W, 8 Ohms)	20Hz - 20kHz (+/- 0,5 dB)
<b>Gain</b>	
Gain	37 dB
<b>Rear panel interfaces</b>	
Input connector	3-pin XLR, balanced
Output connector	SpeakON 8-pin - 1pcs. SpeakON 4-pin - 2pcs. or
Cooling	Two low-noise axial fans with temperature controlled speed
<b>Mains power</b>	
Operating voltage, V 220 V 16A	140 - 250V (50-60Hz)
Maximum power consumption	3600 Bt
<b>Weight and dimensions</b>	
Dimensions (WxHxD)	482x88x460 mm
Weight	12 kg