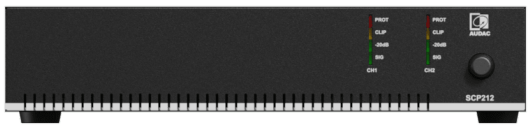
SCP212

Compact dual-channel power amplifier - 2 x 120W @ 4 Ohm - 240W @ 70/100V

Highlights:

- Stereo low impedance or 70/100V bridge mode
- Compact and lightweight design
- Unique optimal cooling
- Energy-saving standby mode
- Compatible with WP2xx series remote wall input panels



Product information:

Uncommon strength, common sense
The SCP series are a range of extremely powerful compact dual-channel power amplifiers for commercial use. These half 19" devices can be used in stereo low impedance or 70/100V bridge mode. There are 5 different models to serve a wide range of applications with power ratings that vary between 120W up to 1000W in a half 19" rack space housing.
The compact and elegant design of the half 19" rack space enclosure allows for single installation in a 10.5" equipment rack, or side-by-side (two devices) in a 19" equipment rack. Of course, desktop installation or mounting in an equipment rack using the MBS310 series mounting adapters is possible.
You may wonder if so much power in such a small enclosure could cause some heating issues? Not at all, the SCP series are designed in a unique way so that optimal cooling is established, this by passive cooling on the SCP206 and SCP212 and active cooling on the SCP224, SCP230 and SCP250 in order to improve thermal comfort without the need for additional actions.
A connection to the WP2xx series input wall panels (see page 76) or volume controllers can be made via the RJ45 connector on the back of the SCP. This allows for a cost-effective plug & play solution to extend or introduce brand new input possibilities and control options.
Equipped with a standby mode switch, the SCP series will enter an energy-saving standby mode after a period of inactivity making it unique in the market. This feature together with the overall energy efficient design makes the SCP meet the high standards of the Energy star certification.
When you combine the SCP series with a suitable pre-amplifier or wall-mounted input panel you create a relatively powerful and complete solution for background music installations.

Certification:

System specifications:

RMS/AES power handling	@ 4 Ω Stereo		2 x 120 W
	@ 8 Ω Stereo		2 x 60 W
	@ 70/100 V Bridge		240 W
Frequency	Response (± 3 dB)		20 Hz - 20 kHz
THD+N (@ 1 kHz)			<0.05%
Signal / Noise			> 95 dB
Indicators			VU LED bar (front)
Outputs	Voltage / Impedance		70-100 V / 4 Ω
	Connector		4-pin Euro Terminal Block (Pitch - 5.08 mm)
Inputs	Connector		3-pin Euro Terminal Block (Pitch - 3.81 mm)
			IEC C14 Connector
	Other	Connector	RJ45
		Type	1 x Remote Volume controller
			1 x Remote Wall Mixer
			Stereo - BTL/HPF mode configuration
			Priority mute contact
Power			Standby switch
	Supply		100 ~ 240 V AC / 50 ~ 60 Hz
Control			Gain control potentiometers (rear)
			Stereo Low Z & Mono High Z switch
			70/100V switch
Cooling			Convection cooled
Technology			Class-D

Product Features:

Dimensions		217.5 x 44 x 300 mm (W x H x D)
Weight		2.70 kg
Construction		Steel
Mounting		1/2 19" / 1 HE or tabletop
Accessories	Optional	WP2xx Universal wall panel
		19" Rackmount adapter

Architects' and Engineers' Specifications:

The power amplifier shall be a dual-channel Class D power amplifier and be used in stereo low impedance or 70/100V bridge mode. The power amplifier shall provide an output power of 120W at 4 Ohms per channel. It shall provide 240W at 70/100V bridge mode. The power amplifier shall be energy efficient and meet the Energy Star certification requirements. It shall be equipped with a standby mode switch which will activate an energy-saving standby mode after a period of inactivity. There shall be a power switch on the front panel with an LED ring that illuminates in blue color when the power is switched on or will illuminate in orange color when switched to standby mode. There shall be four indicator LEDs (VU) for each channel on the front panel of the power amplifier for channel monitoring. It shall have a passive optimal cooling design to improve the thermal comfort of the power amplifier. The input connections of the power amplifier shall be balanced stereo line inputs with 3-pin terminal block connections. The output connections shall be terminal block output connectors. A connection to input wall panels and volume controllers shall be made via the RJ45 connections on the back of the power amplifier. A priority mute contact connection shall be implemented in two ways, with N/O and N/C contacts. The amplifier shall operate on a 100~240 V AC – 50/60 Hz mains network and shall be equipped with a removable power cord having a standard Shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a fused IEC C14 type. The power amplifier chassis shall have a compact design of a half 19" rack space enclosure. It shall be possible to side-by-side mounting in a 19" equipment rack with an optional rack mount adapter. The depth from the mounting surface to the rear supports shall be 300 mm and the weight shall not exceed 2.7 Kg.