

PSC-2000

Power Sequence Controller

PSC-1000 Series • PSC-2000 Series



The PSC Series is a power sequence controller specially designed for digital cinema audio systems in theatres. The controller ensures a sequential power supply for audio equipment such as audio decoders and power amplifiers. This will safeguard equipment from damage caused by excessive current generated by simultaneously turning on multiple audio equipment. One PSC Series can be connected to up to 12 devices for a sequential power supply, or multiple PSC Series can be cascaded in a series through an RS-232 interface connection to achieve a sequential power supply for additional audio equipment.

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PSC Series

Key Benefits

1 Rack-mount design

The PSC Series is a 2U rack-mounted device designed for seamless audio cabinet installation connected to audio equipment such as audio decoders and power amplifiers to achieve sequential power supply management ensuring optimal performance.

2 Device cascading

For a situation where more than 12 audio devices are required in a DTS:X for IAB immersive sound set up in a theatre, multiple PSC Series devices can be cascaded through an RS-232 interface connection, enabling sequential power supply to an extended range of audio devices.

3 Flexible settings

Tailor the power supply management to your needs. The PSC Series application allows users to easily configure the number of available channels and set the power-on and power-off time intervals for each channel.

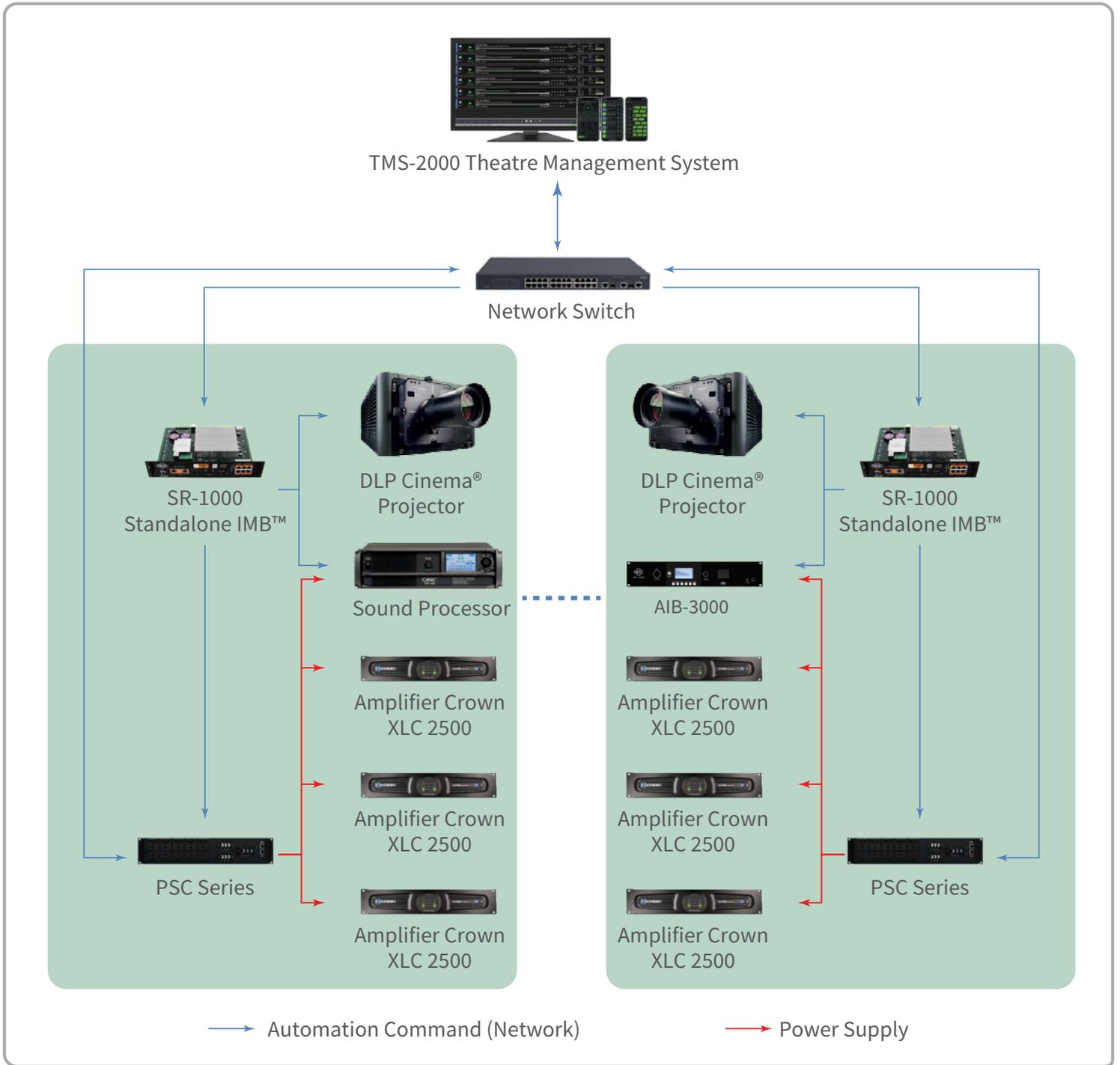
4 Multiple models and versions

The PSC Series provides two series with four different model versions. The PSC-1000 Series provides a maximum of 10A to 15A power supply per device, and the PSC-2000 Series delivers a maximum of 20A power supply per device. At the same time, U and I versions are also provided with different socket types for users in different regions to choose from, ensuring compatibility.

Technical Specifications

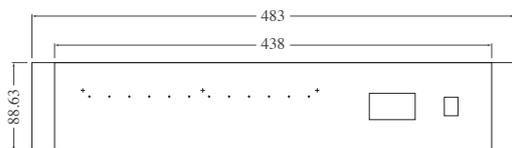
Series		PSC-1000 Series		PSC-2000 Series	
Model		PSC-1000U	PSC-1000I	PSC-2000U	PSC-2000I
Physical	Dimensions	483(W) x 298(D) x 88(H)mm			
	Weight	5.0kg		5.2kg	
Environmental	Operating temperature	0 - 45°C			
	Operating humidity	20-90%, non-condensing			
	Operating altitude	2000m			
Power	Power requirement	120V 60/50Hz	220V 60/50Hz	120V 60/50Hz	220V 60/50Hz
	Maximum power consumption	40A	25A	50A	40A
Output	10A	0	12x	0	10x
	15A	6x	0		
	20A	0		6x	2x
Interface	Network support	TCP, UDP			
	Plug support	 Type B	 Type D/G	 Type B	 Type D/G

System Configuration

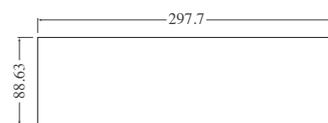


Technical Drawings

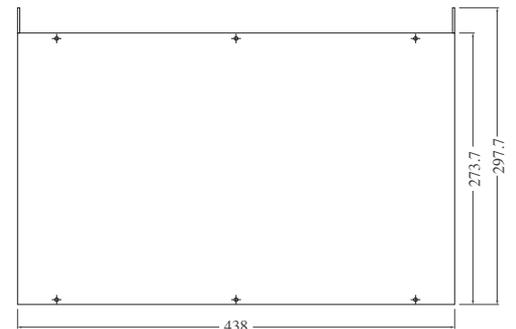
Front View



Side View



Top View



Unit (mm)

GDC Website



Contact Us



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