



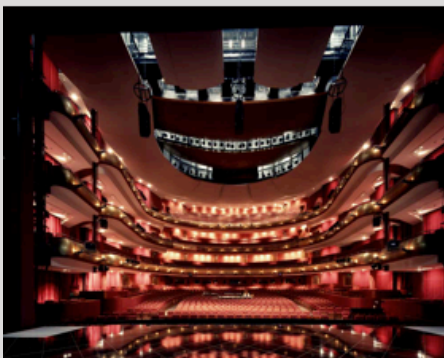
Company Overview

State Automation is a leading innovator and manufacturer of high performance, lighting control systems for artistic, cultural, commercial, and urban environments. We strive to provide our customers with safer, smarter and more cost effective ways to control the lighting of their venue or space.

Our company is an innovation-driven team of people with vast international project experience and a strong history of smart innovations who are guided by our mantra "Everything is possible".

Our cutting edge dimming technologies include the PLASA award winning Variable Sine Wave (VST) technology and the acclaimed green technology - Advanced Phase Control (APC).

From a consultant's conceptual design through to installation, our designers, engineers and technicians are not only aware of the technical capabilities of modern control systems but also the hurdles you may face to implement them. They utilise their experience and knowledge to optimise the implementation of each project giving our clients the best possible outcome while providing them with industry leading technology.



The Esplanade - Theatres on the Bay, Singapore

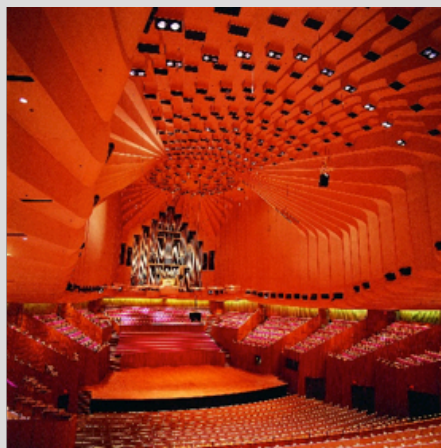
When you choose State Automation as a partner, you get more than just an equipment supplier because our people work with lighting systems day in, day out.

State Automation Service's client list includes leading opera houses, theatres, television studios and art centres and community spaces. (Please contact us for the latest installation reference list if required.)

The inventive and passionate people who design and produce these products are the backbone and soul of the company. We love what we do!

A Global Presence

A privately held company, State Automation is headquartered Melbourne Australia with our sales and service agents located worldwide.



Sydney Opera House, Concert - Hall, Australia

State Automation Power Control And Dimmer Cabinets

State Automation dimmer cabinets are equipped with an integrated Ethernet connection. The range is available in 6, 12, 48, 72 or 96 channel racks.

A key advantage over other dimmer manufacturers is the ability to mix and match different dimming technologies in the same cabinet, allowing the users greater flexibility to dim different type of loads and lamps according to the technical specifications and artistic requirements.

Cooling control is another main feature with intelligent fans positioned along the back of the cabinet. The fans start automatically when heat is detected with the fan intensity adjusted according to the heat level present inside the rack. This Ensures the rack operates in a reliable fashion while helping to extend the life of the equipment in general.

Other features include data control redundancy, real-time status the modules and the rack including current, voltage, cooling fans, individual channel parameters. Remote monitoring & control via State Automation Management System (SAM) also possible from multiple locations.



Hamer Hall - Melbourne Australia



Solution X Modules

Common Features:

- RCBO per Channel
- Hot Power disconnect
- Zero ghosting
- Electronic overload function
- Full monitoring



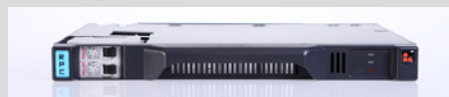
Advanced Phase Control Module

- High efficiency
- Low heat dissipation
- Relay power control option
- Silent cooling fan option



Variable Sinewave Technology Module

- Eliminate filament sing
- Eliminate power humming
- Virtually eliminate harmonics



Reverse Phase Control Module

- LED Driver dimming
- Capacitive load dimming



Standard Phase Control Module

- Cost effective dimming
- High rise time option
- Relay power control option



Relay Module

- Secure MDX controlled switching
- Hot power disconnect



Hot Power Module

- MCB - RCBO protection
- Hot power disconnect

Solution X96



Features

- 96 Dimmer Circuits
- Redundant processor option
- Ethernet and twin DMX ports
- Supports the following Standards - ACN, Artnet, Streaming ACN and RDM Data Standards
- Net DMX A/B, DMX A/B
- Colour touch screen user interface
- Noise free VST dimmer option
- High efficiency dimmers
- LED RPC dimmers
- Intelligent Cooling control
- Remotely programmable
- Dual Ethernet feeds
- Accepts all X module Types – Hot swap
- Remote Dimmer monitoring
- Supply power monitoring option



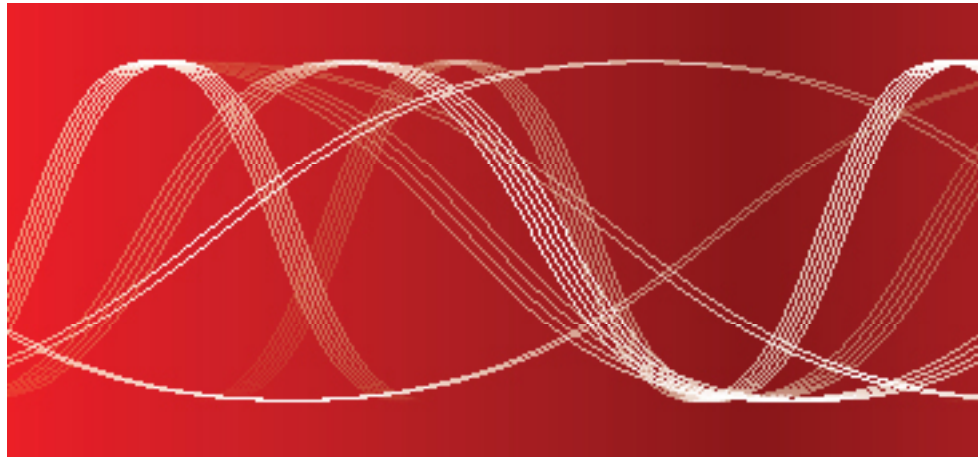
Solution X72 & X48



Features

- 72 or 48 Dimmer Circuits
- Redundant processor option
- Ethernet and twin DMX ports
- Supports the following Standards - ACN, Artnet, Streaming ACN and RDM Data Standards
- Net DMX A/B, DMX A/B
- Colour touch screen user interface
- Noise free VST dimmer option
- High efficiency dimmers
- LED RPC dimmers
- Intelligent Cooling control
- Remotely programmable
- Dual Ethernet feeds
- Accepts all X module Types – Hot swap
- Remote Dimmer monitoring
- Supply power monitoring option





2017 Released... Solution Xi



Network User
Interface

Features

- 6, 12, 48, 72 and 96 Dimmer Circuits
- Redundant processor option
- Ethernet and twin DMX ports
- Supports the following Standards - ACN, Artnet, Streaming ACN and RDM Data Standards
- Net DMX A/B, DMX A/B
- Network user interface
- Noise free VST dimmer option
- High efficiency dimmers
- LED RPC dimmers
- Intelligent Cooling control
- Remotely programmable
- Dual Ethernet feeds
- Accepts all X module Types – Hot swap
- Remote Dimmer monitoring
- Supply power monitoring option



Advanced Phase Control (APC)



APC technology is a Highly Efficient & Green dimmer, uniquely developed by State Automation's engineers to provide a new generation of dimmers with high rise time and low heat loss compared with other dimmers. Key benefits of the APC technology include:

- 99.7% efficiency in the output of the dimmer versus an average of 96% in standard dimmers.
- Low heat dissipation of 0.3% compared to an average of 4% in standard dimmers i.e. less pollution.
- Saving on air conditioning and running costs in the dimmer room.
- Longer lasting life for the dimmer due to reduced heat and stress on electronic components.

APC dimmers have been installed in venues in Europe, Asia and Middle East.

DIMMING TECHNOLOGIES

- Variable Sine-Wave (VST)
- Advanced Phase Control (APC)
- Reverse Phase Control (RPC)
- Phase Control (PC)



Q Technology (or Reverse Phase Control)



This technology uses IGBTs or power MOSFETs and an innovative approach to create a slower turn off edge without the need for chokes, as such mechanically and physically, it is a quiet dimmer suitable for quiet studio or concert hall. This technology is suitable particularly to dim resistive and capacitive load types.

SA's RPC technology is available in two formats: modular and portable format. The portable RPC is excellent on lighting bars as it is designed to operate in the challenging environmental conditions of high temperature. The modular RPC is designed to integrate into State Automation Dimmer Cabinet range.

Variable Sine-Wave (VST)



VST is the most technological advanced dimming technology available on the market.

State Automation is proud to be the pioneer in developing this technology and honored to receive the International Plasa Award in 1998. Key benefits of this technology include elimination of harmonic distortion; silent dimming and the ability to dim all lamp types. A wide range of power rating of VST modules, 1.2kW, 2.4kW, 3kW, 5kW and 10kW providing a solution for all sizes and types of venues.

Today, State Automation sine-wave installations are in many remarkable and prestigious venues around the world such as The Sydney Opera House, Helsingborg Opera House & The Royal Dramatic Theatre in Sweden, Danish Radio Concert Hall in Denmark, Grande Halle de La Villette and Le Grand Theatre de Provence in France, RTVE Television in Spain and The Oslo



Other Power Control Products



Solution Xi 6



Solution Xi 12 Touring



Solution RPC Portable



**Solution Cool
19' rack Mount 12 Channels
Fixed or Touring**



**Solution Cool Wall Mount 12
channels with patch**



**State Automation
Management (SAM) System
and Hot Power Control**

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