



# 2018 Australian Product Catalogue

Australian Innovation | Global Audience

 **LSC**  
LIGHTING SYSTEMS

# LSC

## Corporate Profile

LSC Lighting Systems has been at the forefront of the lighting industry for almost 40 years, forging an enviable reputation for innovative products, consistent reliability and unequalled product performance.

Along with our commitment to manufacturing certified Australian-made products, LSC continues to ensure higher levels of reliability and longevity across the entire product range.

With increasing global demand for LED lighting, LSC is investing heavily in R&D, evidenced by the development of new, patented and advanced LED Drive Technology. These innovations are now available within the current product portfolio and will be integrated into new and exciting LSC products in the future.

LSC's ever-increasing range of high-performing products is available for purchase through our extensive network of dealers and resellers in over 40 countries worldwide. Live performance, traditional theatre, corporate entertainment, places of worship, schools, film, television, local community theatres, exhibition and architectural lighting sectors are all catered for by LSC's vast product portfolio.

Proudly Australian-owned and operated, LSC produces 100% Australian-made products from design to manufacture.

LSC and our distribution network look forward to discussing any future projects with you.

Each featured product in this catalogue has an associated QR code next to it. This is a 3D bar code which, when scanned with a smart phone, will link you directly to the relevant product page on the LSC website. Please visit the iPhone or Android app store to download a suitable QR reader. LSC has no responsibility for the use of any third-party application or the use of the QR code.

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# Clarity

## Scalable Power to Control

Regarded as one of the most powerful software packages for lighting and media control on the market today, Clarity has rewritten the standard for computer-based lighting control.

Co-developed by LSC and OpenClear, Clarity software has revolutionised the lighting industry with advanced features and a refreshing way of looking at lighting control. From small venues to complex, media-rich TV and live production shows. Clarity has a scalable solution to suit your needs.

LSC Clarity is designed to cater for everyone: from novice to professional, from touring show to theatrical production, from conventional lighting needs to advanced media control – all at a price that is truly affordable.



## Features

- > Powerful lighting and media control software
- > Smart control of multi-array LEDs with simple control of individual segments
- > Seamless fixture substitution with cloning
- > Media Server Integration with full CFTP and MSEX support, with thumbnail representation, works with all industry standard media servers
- > Audio fixtures allowing programming and playback of multiple audio with fade In/Out
- > Presets – the next generation of Presets: reusable Palettes and Presets that can be applied to any type and quantity of fixtures
- > Rig view with 2D simulation and easy fixture selection – allowing users to import their own images or rig plans
- > Powerful Dynamics editor and Effects Engine with smooth cross-fading of effects
- > Full drag and drop patching with intelligent fixture cloning utilising the Carallon Fixture Database
- > Multiple programmers – each with unlimited undo/redo, work on different parts of the show any time
- > LED pixel mapping with picture and video playback – import any standard media files
- > Time Presets and Live-Time busking interface
- > Unlimited Groups, Presets, Presets, Cues and Chases
- > Audio playback – time stamp any audio file against a Cue List and playback the entire A/V show at the press of a button
- > MIDI/SMPTE time synchronisation, Real Time calendar/scheduler, OSC for remote control and tablet integration
- > Full tracking Cue Lists – with macro scripts and undo/redo of Cue record/delete

**Clarity can be run on a variety of different platforms depending on the system requirements.**

### Clarity LX

Fully integrated lighting consoles with an inbuilt computer running the Clarity software.

### Clarity for PC

Run the Clarity software on a Windows-based computer and still get the full functionality from the software. Connect optional QX USB to DMX converters or VX expansion wings.

### Clarity for Mac

Run the Clarity software on a Mac-based computer similar to the PC version with the same QX and VX expansions available.

**These options are outlined further on the following pages.**

Code	Description	ex GST
Clarity LX300	Clarity LX300 Console - fully integrated lighting and media console with 4 DMX outputs, 4,000 channel control (DMX, Art-Net and sACN), 11 colour touchscreens, 15 playbacks with FaderIdent, Grand Master, DBO. Supplied with 2 x LED-LITE, printed manual and dust cover. Requires external DVI-D monitor.	\$9,995.00
Clarity LX600	Clarity LX600 Console - fully integrated lighting and media console with 4 DMX outputs, 8,000 channel control (DMX, Art-Net and sACN), 9 colour touchscreens, 15 motorised playbacks with FaderIdent, motorised Grand Master, DBO and slide-out keyboard. Supplied with 2 x LED-LITE, printed manual and dust cover.	\$19,950.00
<b>Options</b>		
LED-LITE	15" Gooseneck Console Light - for LSC control desks	\$80.00
LX600/DC	Clarity LX600 Dust Cover - black, hard-wearing fabric	\$250.00





Rod Bedford, USA



ABC Studios, Melbourne



The Footy Show, Australia





# Clarity LX Consoles

## Scalable Power to Control

The Clarity LX is a powerful, fully integrated lighting and media console co-developed by LSC and OpenClear. Leveraging the power and simplicity of Clarity software, the Clarity LX is the world's first true multimedia console pushing the limits of control to new levels.

Clarity LX has been successfully used at thousands of concerts and festivals worldwide and by major television networks, rental companies, entertainment venues and places of worship.

Features include a touchscreen, FaderIdent™ for playback mode indication, dual external DVI-D outputs and SSD storage.



LX600 Console

Hardware	LX300	Hardware	LX600
<b>Displays</b>	<ul style="list-style-type: none"> <li>&gt; 1 x 10.4" 800x600 pixel touch screen</li> <li>&gt; Individual 120x140 pixel full colour screens for each playback</li> <li>&gt; External DVI-D monitor required</li> </ul>	<b>Displays</b>	<ul style="list-style-type: none"> <li>&gt; 1 x 10.4" 800 x 600 pixel touchscreen</li> <li>&gt; 1 x 17" 1280 x 1024 touchscreen</li> <li>&gt; both mounted on a pivoting panel</li> </ul>
<b>Fader Playbacks</b>	<ul style="list-style-type: none"> <li>&gt; 99 split pages of 15x60mm faders with RGB indicator, each with select, go, pause/back buttons</li> <li>&gt; 99 pages split into two groups</li> </ul>	<b>Fader Playbacks</b>	<ul style="list-style-type: none"> <li>&gt; 99 split pages of 15 x 60mm motorised faders with RGB indicator, each with select, go, pause/back buttons</li> <li>&gt; 99 pages split into two groups</li> </ul>
<b>Button Playbacks</b>	<ul style="list-style-type: none"> <li>&gt; 15 x button only playbacks, each with select, go, pause/back buttons</li> </ul>	<b>Button Playbacks</b>	<ul style="list-style-type: none"> <li>&gt; 4 pages of 60 x action buttons for Group/Palette/Preset/Cue/Macro access - each with LCD touchscreen for labelling and advanced control</li> </ul>
<b>Programmer</b>	<ul style="list-style-type: none"> <li>&gt; 1 x programmer module comprising 10.4" touch screen</li> <li>&gt; 20 feature buttons, 4 push/turn encoders with eight modifier buttons</li> <li>&gt; Full numeric keypad, 2 x 10 button banks</li> <li>&gt; Intensity Wheel and 8 key control buttons with full-colour LCD labelling</li> </ul>	<b>Programmer</b>	<ul style="list-style-type: none"> <li>&gt; 1 x programmer module comprising 10.4" touch screen</li> <li>&gt; 20 feature buttons, 4 push/turn encoders with eight modifier buttons</li> <li>&gt; Full numeric keypad, 2 x 10 button banks, Intensity Wheel and 8 key-control buttons with full-colour LCD labelling</li> </ul>
<b>Capacity</b>	<ul style="list-style-type: none"> <li>&gt; From 4,000 DMX slots</li> </ul>	<b>Capacity</b>	<ul style="list-style-type: none"> <li>&gt; From 8,000 DMX slots</li> </ul>
Hardware	LX300	Hardware	LX600
<b>Keyboard</b>	<ul style="list-style-type: none"> <li>&gt; External alphanumeric keyboard (not included)</li> </ul>	<b>Keyboard</b>	<ul style="list-style-type: none"> <li>&gt; Slide-out alphanumeric keyboard with trackpad</li> </ul>
<b>External Displays</b>	<ul style="list-style-type: none"> <li>&gt; Single external DVI Out</li> </ul>	<b>External Displays</b>	<ul style="list-style-type: none"> <li>&gt; Dual external DVI-D Out</li> </ul>
<b>Grand Master</b>	<ul style="list-style-type: none"> <li>&gt; Grand Master + DBO</li> </ul>	<b>Grand Master</b>	<ul style="list-style-type: none"> <li>&gt; Motorised Grand Master + DBO</li> </ul>
<b>Inputs/Outputs</b>		<b>Inputs/Outputs</b>	
<b>Local</b>	<ul style="list-style-type: none"> <li>&gt; 4 x DMX512/A outputs (XLR5)</li> </ul>	<b>Local</b>	<ul style="list-style-type: none"> <li>&gt; 4 x DMX512/A outputs (XLR5)</li> </ul>
<b>Protocols</b>	<ul style="list-style-type: none"> <li>&gt; DMX512/A, Art-Net, sACN</li> </ul>	<b>Protocols</b>	<ul style="list-style-type: none"> <li>&gt; DMX512/A, Art-Net, sACN</li> </ul>
<b>MIDI</b>	<ul style="list-style-type: none"> <li>&gt; MIDI In, Out, Thru</li> </ul>	<b>MIDI</b>	<ul style="list-style-type: none"> <li>&gt; MIDI In, Out, Thru</li> </ul>
<b>SMPTE</b>	<ul style="list-style-type: none"> <li>&gt; N/A</li> </ul>	<b>SMPTE</b>	<ul style="list-style-type: none"> <li>&gt; SMPTE LTC input via XLR3</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>&gt; Stereo audio In and Out via 6.5mm sockets</li> </ul>	<b>Audio</b>	<ul style="list-style-type: none"> <li>&gt; Stereo audio In and Out on balanced XLR3</li> </ul>
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>&gt; Dual Gb Ethernet ports</li> </ul>	<b>Ethernet</b>	<ul style="list-style-type: none"> <li>&gt; Dual Gb Ethernet ports</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>&gt; 160GB SSD (Solid State Drive)</li> </ul>	<b>Storage</b>	<ul style="list-style-type: none"> <li>&gt; 160GB SSD (Solid State Drive)</li> </ul>



# Clarity for Mac/PC and VX Wings

## Scalable Power to Control

The Clarity software has been developed to run as native applications on both PC and Mac platforms. To allow users to evaluate Clarity, the software for both platforms is freely available to download from the LSC website. The free version of the software will run in demo mode, allowing full operation of all features, including saving a show – but with random blackouts.

Clarity allows multiple software licenses to be combined, therefore a production house can own multiple CT Dongles (that each allow separate shows) or multiple dongles can be used of a larger show allowing the sum of the licensed channels to function.

Clarity licenses use a channel count rather than a Universe count. This means that any CT dongle can control multiple Universes but with a maximum channel count depending on the CT version.

Many system configurations can be created using the basic building blocks of Wings, Nodes and software licenses. Entry-level systems can start as a CT/1 license plus a QX1 Node and expand to create a multiple DMX Universe system using multiple VX20 and VX10 Wings or combining Wings with the simple QX Nodes as required. The combinations are endless due to the flexibility of using multiple software licenses and Wings/Nodes in the one system.

OPEN  
CLEAR



QX2



QX1



VX10 Wing



VX20 Wing

Code	Description	ex GST
<b>Clarity Lighting Control Software</b>		
CT/QX	Clarity Lighting Control Software Suite - 128 channel with QX1 node	\$900.00
CT/1	Clarity Lighting Control Software Suite - for control of up to 512 DMX channels	\$1,445.00
CT/2	Clarity Lighting Control Software Suite - for control of up to 1,024 DMX channels	\$2,545.00
CT/4	Clarity Lighting Control Software Suite - for control of up to 2,048 DMX channels	\$4,245.00
CT/16	Clarity Lighting Control Software Suite - for control of up to 8,192 DMX channels	\$8,995.00
CT/U	Clarity Lighting Control Software Suite - for control of up to 65,536 DMX channels	\$24,955.00
<b>Clarity Wings / Requires Software Licence as above</b>		
VX10	Clarity VX10 Playback Wing - 10 playbacks, 2 x DMX outputs. Requires CT/x software license, sold separately.	\$1,895.00
VX20	Clarity VX20 Playback Wing - 20 playbacks, 4 x DMX outputs, MIDI In/Out, 6 x GP inputs. Requires CT/x software license, sold separately.	\$2,995.00
<b>Clarity Nodes / Require Software License as Above</b>		
QX1	Clarity USB to DMX Node - 1 DMX, RDM enabled	\$215.00
QX2	Clarity USB to DMX Node - 2 DMX, RDM enabled	\$495.00
<b>LED Desk Lamp</b>		
LED-LITE	15" Gooseneck Console Light - for LSC control desks	\$80.00





# Mantra Lite

What you imagine, you create

The Mantra Lite combines the ease-of-use of a fader-based console with the power of a touchscreen graphic user interface. The software helps the user know what to do next, ensuring an easy learning curve for even a novice.

Power users are also catered for with many advanced features including the ability to record Cue Stacks, colour fans, animations and shapes etc, with memories that can be used as a single Cue or created as a Cue List/Chase containing up to 250 individual Cues.

The Mantra Lite controls 24 individual fixtures, each with a physical fader for intensity. All other parameters are controlled via the large 18cm (7") colour capacitive touchscreen that uses a powerful graphic app interface (similar in operation to smartphones) giving the user a feeling of familiarity.

RGB and CMY parameters are all controlled via a simple colour picker, Pan and Tilt via a virtual touchpad and other parameters by touchscreen faders. This allows the Mantra to control not only position and colour but also all the parameters of modern moving lights.

## Features

- > Ability to record 100 memories and playback 10 simultaneously
- > Each memory can be a Cue or a Cue List/Chase containing up to 250 individual Cues
- > Animate feature creates Chases and patterns in a single Cue
- > Undo command system
- > Context-sensitive Help
- > Fixture library updates and new software features easily installed via a USB
- > Show files can be backed-up to a USB for off-site storage
- > RDM ready








The Mantra Wing connects via a simple USB cable and provides 12 additional fixture faders, 10 additional Submasters and an additional DMX Universe to the Mantra Lite base unit. Up to two Wings can be connected to expand the Mantra console for a total of 48 fixture faders, 30 Submasters and three DMX Universes. Styled to sit neatly beside the Mantra Lite console, the Mantra Wing allows your system to expand as you add more fixtures to your lighting rig.

Code	Description	ex GST
<b>Mantra Lite Lighting Console</b>		
<b>MANTRA/LT</b>	Mantra Lite - compact LED and moving light controller, 24 fixtures, 10 playbacks, 18cm multi-touchscreen, 1 x XLR5 DMX/RDM output, Art-Net/sACN, dual USB, internal 110/240V power supply with UPS function. Includes dust cover.	\$2,750.00
<b>MANTRA/WG</b>	Mantra Lite Wing - provides 12 additional fixture faders, 10 additional playback faders, 1 additional DMX Universe and output. Up to two wings can be connected to a single Mantra Lite. USB powered. Includes dust cover.	\$1,495.00

## New for 2018

- > IFCB filtering of recorded memories
- > Carallon fixture library (over 5,500 fixtures)
- > Free fixture request service
- > Multi-language support

## Mantra Apps

						
<b>Intensity</b> Adjust the brightness of any fixture with dedicated faders	<b>Colour picker</b> Intuitive colour mixing and selection	<b>Colour wheel</b> Quickly select a colour from the predefined colour set	<b>Pan and tilt</b> Control the position of moving lights easily	<b>Shapes</b> Add circles, ballyhoos and other effects to moving lights	<b>Beam</b> Simple touchscreen fader control for all other fixture functions	<b>Animate</b> Bring intensity, colour and movement to life





WINNER OF THE  
**plasa 2016**  
AWARDS FOR INNOVATION



Mantra/LT



Mantra/WG



Mantra/LT + Mantra/WG



Mantra/LT + 2 x Mantra/WG





# maXim

## Powerfully Simple

The maXim range provides fantastic flexibility, programming ease and a large selection of features normally found in consoles costing twice the price. Stand-alone memory/manual fader-based operation or when coupled with the innovative moving light (PaTPad) controller, the maXim can provide a size and style to suit the most discerning user.

The moving light controller provides up to six simultaneous parameters at your fingertips, allowing rapid programming of advanced functions such as fans, effects, Groups, Presets, Palettes and filters. Utilising the large memory capacity of the maXim, recording and replaying large and complex effects is a breeze.

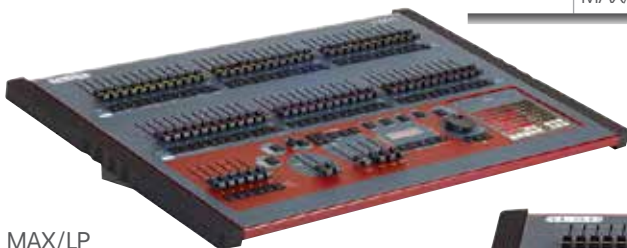
### Features

- > Scalable desk sizes from 24 to 96 faders
- > Dual preset, wide or memory playback modes
- > Multiple Submasters
- > Moving light control (PaTPad option)
- > In and Out time faders
- > Programmable Chase functions
- > Quick Grab facility
- > Ideal busking console
- > Dedicated stack playback
- > Midi input/output option

Code	Description	ex GST
<b>MAX/S</b>	maXim S - 24 faders, 512 DMX channel console	\$1,950.00
<b>MAX/SV</b>	maXim SV - 24 faders, 512 DMX channel console, MIDI, USB, VGA	\$2,550.00
<b>MAX/M</b>	maXim M - 48 faders, 512 DMX channel console	\$2,950.00
<b>MAX/MV</b>	maXim MV - 48 faders, 512 DMX channel console, MIDI, USB, VGA	\$3,550.00
<b>MAX/MP</b>	maXim MP - 48 faders, 512 DMX channel console, Moving Light Control, MDI, USB, VGA	\$4,995.00
<b>MAX/L</b>	maXim L - 72 faders, 1,024 DMX channel console, MIDI, USB, VGA	\$4,495.00
<b>MAX/LP</b>	maXim LP - 72 faders, 1,024 DMX channel console, MIDI, Moving Light Control, USB, VGA	\$6,750.00
<b>MAX/XL</b>	maXim XL - 96 faders, 1,024 DMX channel console, MIDI, USB, VGA	\$5,495.00
<b>MAX/XLP</b>	maXim XLP - 96 faders, 1,024 DMX channel console, MIDI, Moving Light Control, USB, VGA	\$7,750.00

### Options

<b>MAX/USB</b>	SVGA, MIDI and USB Input/Output Module - to suit all maXim consoles, can be installed into older maXims to replace floppy disc with USB	\$600.00
<b>MAX/P</b>	PaTPad Moving Light Upgrade Module - not available for MAX/S and MAX/M	\$2,950.00



MAX/LP



MAX/XLP



# MINIM

## Simply Easy

Attractively styled and utilising the popular LSC programming and playback system, the MINIM is an easy-to-use platform with quick access buttons for all major functions – no menu-driven systems here!

The 24 faders, 36 memories on 12 playbacks, external memory option, Chase and cross-fade control and an internal power supply make the MINIM an ideal console for schools, places of worship, rental and AV companies – in fact any situation where fast, easy-to-program lighting shows are required.

### Features

- > 24 channel control
- > Dual preset, wide or memory playback modes
- > Programmable Chase functions
- > Quick Grab facility

Code	Description	ex GST
MINIM	MINIM Lighting Console - 24 faders, 36 memory DMX channel console	\$1,395.00
<b>Options</b>		
MINIM/RE	MINIM 19" Rackmount Adaptor Kit	\$80.00
MINIM/DC	MINIM Dust Cover - black, hard-wearing fabric	\$75.00



MINIM

### Console Light

- > Great quality
- > Remains cool in operation and is very efficient
- > Comes with a standard 3-pin XLR connection and is suitable for all LSC control desks (except Mantra) and REDBACK patch panels

Code	Description	ex GST
<b>LED Console Light for all LSC Consoles</b>		
LED-LITE	15" Gooseneck Console Light - for LSC control desks	\$80.00



LED-LITE





With increasing global demand for LED lighting, LSC is investing heavily in R&D, evidenced by the development of new, patented and advanced LED Drive Technology.



# NEXUS

## Ethernet/DMX Converters

The NEXUS range of data distribution products offers conversion between Ethernet and DMX512. Using the Art-Net and Streaming ACN (sACN) protocols, the V2 software also provides RDM over Art-Net to increase the benefit of using NEXUS products in your rig.

Much more than a standard converter, the NEXUS range of both 1-port and 5-port interfaces offers many options including a protocol conversion tool for today's demanding shows.

### Features

- > Simple Ethernet to DMX conversion
- > HTP DMX merge
- > Supports sACN and Art-Net protocols
- > Inbuilt patch
- > DMX backup mode
- > A DMX512 to Art-Net / SACN converter
- > A DMX512 splitter
- > An Art-Net backup

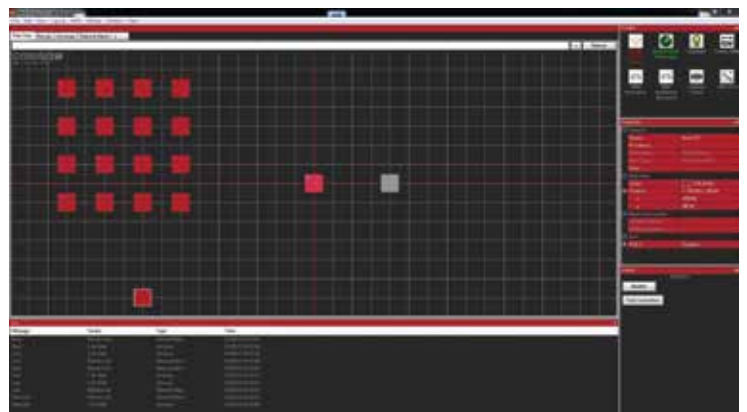
Code	Description	ex GST
<b>NXS1</b>	NEXUS PoE - 1-port DMX/Ethernet converter	\$595.00
<b>NXST</b>	NEXUS Trussmount - 5-port DMX/Ethernet converter, with Velcro straps	\$1,650.00
<b>NXST/P</b>	NEXUS Trussmount - 5-port DMX/Ethernet converter, powerCON input, with Velcro straps	\$1,750.00
<b>NXSR</b>	NEXUS Rackmount - 19" 1RU, 5-port DMX/Ethernet converter	\$1,750.00
<b>NXSR/P</b>	NEXUS Rackmount - 19" 1RU, 5-port DMX/Ethernet converter, powerCON input	\$1,850.00
<b>NXSS</b>	NexLAN Windows and Mac configuration software for NEXUS units	Free



NXST



NXS1



Nexlan Software

NXSR Rackmount





# MDR

## DMX/RDM Data Splitters

The MDR range offers fully opto-isolated inputs and outputs in either a 10-way or 5-way DMX512-A splitter package. The 5-way splitter is also available in a trussmount version in an extremely lightweight but robust PC-ABS plastic making it virtually impossible to break.

The MDR range of DMX512-A splitters are the only DMX splitters in the world that can be upgraded with RDM (Remote Device Management) after purchase. A simple plug-in daughter board provides the intelligence and can be installed in a few minutes.

This in-field upgrade option ensures your investment stays viable into the future.



### Features

- > Dedicated DMX input and THRU ports
- > 5-way or 10-way output
- > All inputs and outputs electrically isolated and protected
- > Inbuilt termination switch
- > RDM upgradable or factory-fitted
- > Rackmount and trussmount available



MDRT

Code	Description	ex GST
<b>MDRT</b>	MDR Trussmount Splitter 5-Way - 5-pin XLR input and output	\$475.00
<b>MDRT/5</b>	MDR Trussmount Splitter 5-Way - 5-pin XLR input and 5 x 3-pin XLR output	\$595.00
<b>MDRR</b>	MDR Rackmount Splitter 5-Way - 19" 1RU, 5-pin XLR input and output, upgradable to 10-way	\$625.00
<b>MDRR/5</b>	MDR Rackmount Splitter 5-Way - 19" 1RU, 5-pin XLR input and 5 x 3-pin XLR output, upgradable to 10-way	\$750.00
<b>MDRX</b>	MDR Rackmount Splitter 10-Way - 19" 1RU, 5-pin XLR input and output	\$875.00
<b>MDRX/5</b>	MDR Rackmount Splitter 10-way - 19" 1RU, 5-pin XLR input with 5 x 5pin and 5 x 3pin XLR output	\$995.00
<b>MDRJ</b>	MDR Rackmount Splitter 10-Way - 19" 1RU, RJ45 Ethercon input and output	\$1,175.00
<b>MDRT/R</b>	MDR Trussmount Splitter 5-Way - 5-pin XLR input and output plus factory-fitted RDM processor module	\$775.00
<b>MDRR/R</b>	MDR Rackmount Splitter 5-Way - 19" 1RU, 5-pin XLR input and output plus factory-fitted RDM processor module, upgradable to 10-way	\$925.00
<b>MDRX/R</b>	MDR Rackmount Splitter 10-Way - 19" 1RU, 5-pin XLR input and output plus factory-fitted RDM processor module	\$1,175.00
<b>MDRJ/R</b>	MDR Rackmount Splitter 10-Way - 19" 1RU, RJ45 Ethercon input and output plus factory-fitted RDM processor module	\$1,475.00
<b>Factory-Fitted Options</b>		
<b>/P</b>	Factory-fitted powerCON Power Connector Option	\$100.00
<b>Optional Upgrade Kits</b>		
<b>MDR/RDM</b>	MDR Option - RDM Upgrade Kit, available for all models	\$350.00



MDRR

MDRJ



**Proudly Australian-  
owned and operated,  
LSC produces 100%  
Australian-made  
products from design  
to manufacture.**





# DNA

## Flexible Ethernet/DMX Cabling Systems

Distributed Network Architecture (DNA) products allow for easy installation of DMX infrastructure using low-cost Cat 5e/6 cable, standard RJ45 connectors (no soldering) and 'home-run' cable topography – making it easier for electrical contractors to install a robust DMX network.

The clever design allows for one or two Universes of DMX to be carried over a single piece of UTP/STP Cat 5e/6 and terminated using standard RJ45 connectors. For simplicity, the PCBs are sold in matching pairs, one for each end of the cable.

There is also an Ethercon to RJ45 option where two PCBs are provided to offer robust Ethernet connections where required.

A blank patch panel is available to custom-build your data distribution system using the DNA PCBs. Custom solutions with different connector combinations are available for larger projects.

### Features

- > Flexible DMX or Ethernet connection options
- > Uses standard Cat5e/6 cable backbone with RJ45 connections
- > Future upgradable from XLR to Ethercon
- > Wall boxes and patch bay mounting options

Code	Description	ex GST
<b>DNA/D1</b>	DNA Pair of Single DMX to RJ45 Converter PCBs - first PCB with 1 x 5-pin male XLR (A Series) to 1 x RJ45 and second PCB with 1 x 5-pin female XLR (A Series) to 1 x RJ45	\$50.00
<b>DNA/D2</b>	DNA Pair of Dual DMX to RJ45 Converter PCBs - first PCB with 2 x 5-pin male XLR (A Series) to a single RJ45 and second PCB with 2 x 5-pin female XLR (A Series) to a single RJ45	\$75.00
<b>DNA/D11</b>	DNA Pair of Dual DMX to RJ45 Converter PCBs - first PCB with 1 x 5-pin male and 1 x female XLR (A Series) to a single RJ45 and second PCB with 1 x 5-pin female and 1 x male XLR (A Series) to a single RJ45	\$75.00
<b>DNA/E1</b>	DNA PCB only – 2 x Ethercon (A Series) to RJ45	\$70.00

#### Options

<b>DNA/WP1</b>	DNA 1 Gang Clipsal Series 2000 White Wall Plate - cutout for 1 x XLR or Ethercon connector, designed for vertical mounting	\$30.00
<b>DNA/WP2</b>	DNA 1 Gang Clipsal Series 2000 White Wall Plate - cutout for 2 x XLR or Ethercon connectors, designed for vertical mounting	\$35.00
<b>DNA/WP4</b>	DNA 1 Gang Clipsal Series 2000 White Wall Plate - cutout for 4 x XLR or Ethercon connectors, designed for vertical mounting	\$45.00
<b>DNA/RP1</b>	DNA Black Rack Panel – 19" 1RU, cutouts for up to 16 XLR or Ethercon (A Series) XLR connectors, supplied with blanking inserts for unused ports	\$95.00



DNA/WP4



DNA/WP1



DNA / RP 19" Rack Mount Panel



DNA/E1



DNA / D1



DNA / D2



Live performance,  
traditional theatre,  
corporate entertainment,  
places of worship,  
schools, film, television,  
local community  
theatres, exhibition and  
architectural lighting  
sectors are all catered  
for by LSC's vast  
product portfolio.





# UNITY

## The Power to Control

UNITY is the next generation of installation dimming and power switching for controlling the latest technologies within theatres, concert halls and themed attractions worldwide.

Utilising the technology of LSC's award-winning and patented GenVI and LED Drive Technology dimming range, the UNITY cabinet dimmer system offers the complete package to control an array of LEDs, tungsten and power-switched fixtures seamlessly.

deSingel International Arts Campus, Belgium

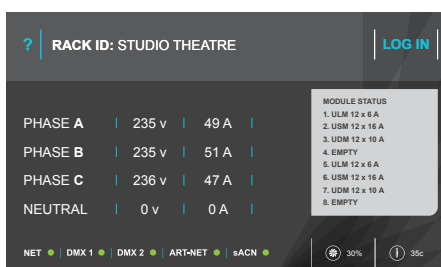
## Features

- > 48 or 96 channel cabinet sizes
- > Integrated power distribution
- > Top entry field and mains supply wiring
- > Hot swappable power modules
- > Power modules available for conventional dimming, LED drive dimming and hard-power switching
- > Power modules are 12 channel self-contained packs
- > Each channel with RCBO, individual status LED and selection switch
- > Centralised configuration module with powerful graphic touch interface
- > Dual DMX and Art-Net/sACN data inputs
- > Real-Time remote monitoring and RDM compliant

Code	Description	ex GST
<b>Cabinets</b>		
<b>UIR48</b>	UNITY 48Ch Installation Rack Frame	POA
<b>UIR96</b>	UNITY 96Ch Installation Rack Frame	POA
<b>Control Module</b>		
<b>UCM</b>	UNITY Control Module with Power Monitoring	POA
<b>Dimmer Module</b>		
<b>UDM12/10</b>	UNITY Dimmer/Distribution 12Ch x 10A - RCBO, TruPower, UIR install	POA
<b>UDM12/16</b>	UNITY Dimmer/Distribution 12Ch x 16A - RCBO, TruPower, UIR install	POA
<b>LED Module</b>		
<b>ULM12/6</b>	UNITY LED Dimmer/Distribution 12Ch x 6A - RCBO, LED Drive, TruPower, UIR install	POA
<b>Switch Module</b>		
<b>USM12/10</b>	UNITY Distribution 12Ch x 10A - RCBO, Relay, UIR install	POA
<b>USM12/16</b>	UNITY Distribution 12Ch x 16A - RCBO, Relay, UIR install	POA

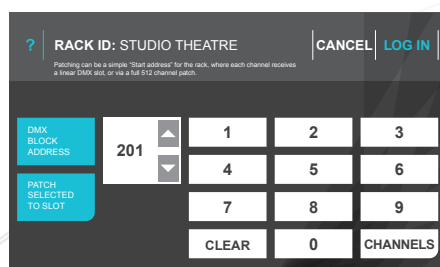
### Rack Status

The status screen indicates phase voltage and current in Real Time, control input status and any fault conditions within the system.



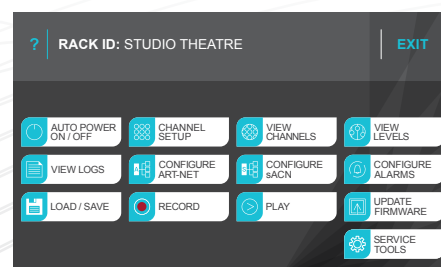
### Patch

Each UNITY rack can be given a simple block DMX start address or each slot can be patched to a specific DMX address.



### Main Menu

System configuration and set-up menu allowing the option to set channel information and load/save show settings within the UNITY system.



## UCM – UNITY Control Module

The heart of the system is the UNITY Control Module (UCM) with an 18cm capacitive colour touchscreen and a simple app user interface, where the use of icons means intuitive control and system configuration. However, once the system is programmed the UCM is not essential but will continue to monitor and report current status information to a central controller over RDM or via LSC's HOUSTON reporting system.

With dedicated modules, each 48w or 96w cabinets can be loaded with any of the following 12-channel modules enabling a venue to customise as required:

- > UDM – dimming/TruPower relay bypass module
- > USM – switching relay module
- > ULM – LED dimming/TruPower relay bypass module

## UDM – UNITY Dimmer Module

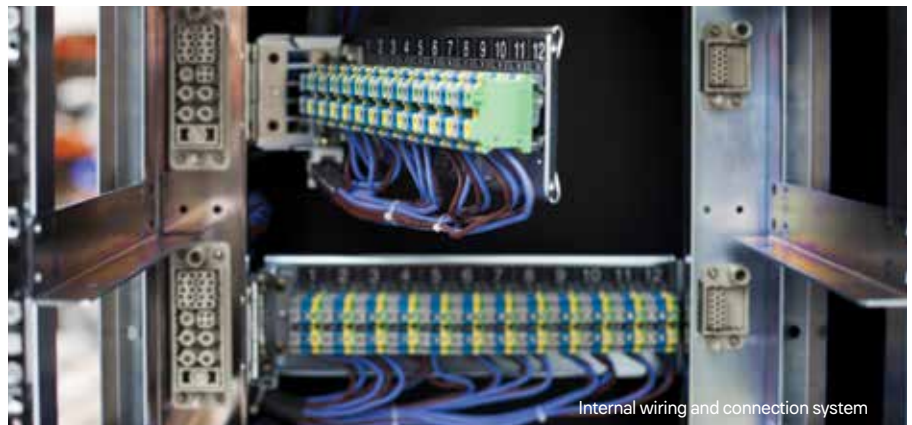
Based on the successful and revolutionary GenVI dimmer with TruPower technology pioneered by LSC, the UNITY Dimmer Module (UDM) provides 12 channels of control. Each channel can be individually configured for direct power control or for dimming of traditional lamps.

## USM – UNITY Switch Module

The 12-channel UNITY Switch Module (USM) uses sophisticated control to ensure the initial switch On and switch Off are at a point where the mains voltage is around zero volts (zero crossing point). This prevents stress on the devices it is powering, helps to prolong the life of the RCBOs and reduces nuisance tripping resulting in a stable and functional system.

## ULM – UNITY LED Module

The UNITY LED Module (ULM) is a 12-channel LED dimming module utilising LSC's patented LED Drive Technology. Each channel can be configured for direct power control or for dimming either traditional lamps or for dimming either traditional lamps or leading-edge, phase-controlled dimmable LEDs. There is an option for 6A per channel. Perfect for the control of LED house lights and LED practicals on stage.



Internal wiring and connection system



Top: Front of UNITY Dimmer Module (UDM)  
Middle: Rear of UNITY Dimmer Module (UDM)  
Bottom: UNITY Control Module (UCM)



Right: UNITY 48-way Installation Rack  
Far right: UNITY 96-way Installation Rack





# GenVI Rackmount

## A New Era in Power and Dimming Control

In response to the changing demands of the marketplace, LSC introduced the GenVI Advanced Dimming and Power Distribution System. The GenVI represents the sixth generation of dimmers produced by LSC over its 40-year history. It was designed utilising this extensive experience and knowledge of today's complex lighting and power control requirements.

Equally at home in the lighting, sound or video markets and able to be permanently installed or remain portable, the GenVI Advanced Dimming and Power Distribution System allows the user to configure any of its outputs in any

combination, ranging from an 8-bit or 16-bit dimmer to a direct power relay channel (TruPower). This enables the GenVI to dim traditional lamps or power moving lights, LED fixtures, video screens or audio power amplifiers – ideal for any situation where controlled power distribution is required.

### Features

- > User selectable PTFD touring dimmer or power distribution per channel
- > No minimum load per channel
- > RCBO per channel
- > 10A, 25A and 63A per channel output current
- > Low power mode reduces heat loss
- > Colour touchscreen user interface
- > RDM compliant
- > Multiple output socket options available

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>GEN12/10A</b>	GenVI Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 12 x 10A Australian outputs, 3-phase tail and plug	\$2,995.00
<b>GEN12/10T</b>	GenVI Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, hardwired	\$3,195.00
<b>GEN12/10W</b>	GenVI Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 16-pin Wieland outputs, 3-phase tail and plug	\$3,195.00
<b>GEN12/10X</b>	GenVI Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 2 x 19-pin Socapex outputs, 3-phase tail and plug	\$3,195.00
<b>6Ch x 25A</b>		
<b>GEN6/25A</b>	GenVI Rackmount Dimmer/Distribution 6Ch x 25A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, 6 paired 20A/15A 3-pin Australian outputs, 3-phase tail and plug	\$3,495.00
<b>GEN6/25T</b>	GenVI Rackmount Dimmer/Distribution 6Ch x 25A - RCBO, 19" 3RU, TruPower, DMX, colour touchscreen, hardwired	\$3,695.00
<b>3Ch x 63C</b>		
<b>GEN3/63C</b>	GenVI Rackmount Dimmer/Distribution 3Ch x 63A - RCBO, 19" 3RU, CEEform 63A, 3-phase tail and 63A CEEform plug Note: this model does not include TruPower due to the higher power rating.	\$5,495.00
<b>Options</b>		
<b>ROO/BRKT</b>	GenVI Adaptor Brackets to suit Roobar frames	\$48.00



GEN12/10A



# GenVI Wallmount

## A New Era in Power and Dimming Control

Since its release, the GenVI has become LSC's most successful touring dimmer/distribution system. LSC has taken the GenVI technology and re-engineered it into a compact, wallmount chassis specifically for the local installation market. The GenVI Wallmount (GVW) is available with either front-mounted GPO outputs (for use with the popular REDBACK patch bay system) or with internal screw terminals (for use with 1:1 hardwired installations).

When used in conjunction with the REDBACK 144-way patch bay, a complete system comprising up to 96 channels of dimming/power distribution can be installed in a wall space area of 1.8m high x 1.7m wide.

Most importantly, all the controls are at a comfortable work height with no patch leads touching the floor.

Like all LSC products, the GVW is proudly designed and manufactured in Australia and is covered by our industry-leading, two-year parts and labour warranty.

### Features

- > User selectable PTFD dimmer or power distribution per channel
- > No minimum load per channel
- > RCBO per channel
- > 10A and 25A per channel output current
- > Low power mode reduces heat loss
- > Colour touchscreen user interface
- > RDM compliant
- > Compact wallmount footprint – same as the older LSC iPro standard footprint

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>GVW12/10A</b>	GenVI Wallmount Dimmer/Distribution 12Ch x 10A - RCBO, TruPower, 3-pin Australian output, screw terminal input for mains connection	\$3,495.00
<b>GVW12/10T</b>	GenVI Wallmount Dimmer/Distribution 12Ch x 10A - RCBO, TruPower, hardwired	\$3,695.00
<b>6Ch x 25A</b>		
<b>GVW6/25A</b>	GenVI Wallmount Dimmer/Distribution 6Ch x 25A - RCBO, TruPower, 6 paired 20A/15A Australian outputs, screw terminal input for mains connection	\$3,995.00
<b>GVW6/25T</b>	GenVI Wallmount Dimmer/Distribution 6Ch x 25A - RCBO, TruPower, hardwired	\$4,195.00
<b>Options</b>		
<b>BRKT/UNIS</b>	GVW/TWM Wallmount Unistrut Galvanised Hanging Brackets	\$100.00
<b>TAIL32A/S1</b>	3-Phase Tail - 1.2m with 32A Australian plug (532 Series)	\$200.00
<b>TAIL40A/S1</b>	3-Phase Tail - 1.2m with 40A Australian plug (540 Series)	\$240.00
<b>TAIL32A/S2</b>	3-Phase Tail - 2.2m with 32A Australian plug (532 Series)	\$240.00
<b>TAIL40A/S2</b>	3-Phase Tail - 2.2m with 40A Australian plug (540 Series)	\$280.00



GVW12/10A





# GenVI Touring

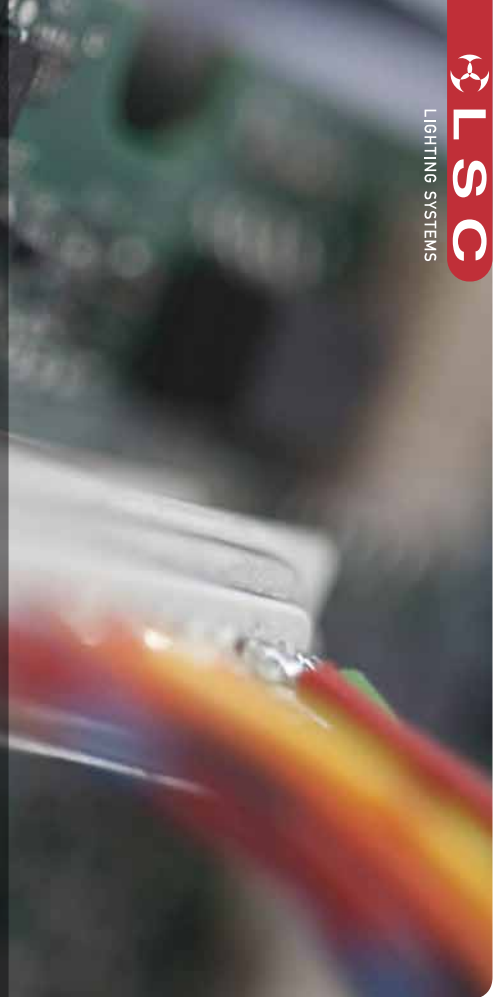
## Mobile GenVI for Live Performance

The GenVI Touring Rack System is designed to be the most powerful and feature-rich touring system available. Offering configurations of 48 x 10A, 24 x 25A and 12 x 63A channel systems, the 3RU modules are mounted in a purpose-built steel frame with a specially designed rear vented cooling system to ensure maximum efficiency and minimum noise levels.

The GenVI allows the user to configure any of its outputs in any combination, to be an 8-bit or 16-bit dimmer or a direct TruPower relay channel (note: 63A versions do not have TruPower). This enables

the GenVI to dim traditional lamps, power moving lights, LED fixtures, video screens or audio power amplifiers – in fact any situation where controlled power distribution is needed.

The colour touchscreen offers the ability to set each channel individually, control outputs locally and view external fault conditions that may be present. The TRS system is available with custom rear-panel configurations to suit almost any applications. Options include Australian, Socapex, Wieland, CEE, Edison, stage-pins, Schuko and most other output types.



TRS48/10

Code	Description	ex GST
TRS48/10	GenVI Touring Rack System 48Ch x 10A - RCBO, TruPower, DMX, 400A PowerLock In/Thru, Art-Net/sACN input, voltage and current monitoring, 16 paired Socapex outputs on rear panel	\$35,000.00
TRS24/25	GenVI Touring Rack System 24Ch x 25A - RCBO, TruPower, DMX, 400A PowerLock In/Thru, Art-Net/sACN input, voltage and current monitoring, CEEform 25A outputs on rear panel	\$35,000.00
TRS12/63	GenVI Touring Rack System 12Ch x 63A - RCBO, DMX, 400A PowerLock In/Thru, Art-Net/sACN input, voltage and current monitoring, CEEform 63A outputs on rear panel	\$35,000.00
<b>Options</b>		
TRSxx/xxP2	Top mounted 2:1 patch system with GST18 connectors	POA

### Features

- > User selectable PTFD touring dimmer or power distribution per channel
- > DMX In/Thru and Ethernet input (Art-Net, sACN and ShowNet)
- > RCBO per channel
- > No minimum load per channel
- > Auto power mode – switches relay channels On when DMX is present and delayed Off when DMX is no longer being generated
- > RDM – Remote Device Management compliant
- > 3-phase + Neutral voltage/current monitoring
- > Visual alarms for phase fail, over-temperature and loss of DMX
- > 400A PowerLock In/Thru
- > Internal front work light
- > Quality flight case



Dimmer output



Channel setup



DMX address



Local control



# FILMPRO

## Robust Dimming for Film and Television

In response to the increasingly complex and challenging demands of the film and television industry, LSC has introduced a range of dimmers specifically designed to meet the needs of the world's biggest film and television lighting-rental companies.

Designed in conjunction with industry specialists, the FILMPRO range has already become the dimmer of choice for rental companies throughout Europe, Asia and South Africa. It has featured in hundreds of feature films and television broadcasts around the world.

### Features

- > RCBO protection (optional Neutral Disconnect MCBs where RCDs are not desirable)
- > Rugged construction – made for film production and touring
- > PTFD (Pulse Transformer Fired Dimming) - virtually any load can be dimmed including fluorescents, neon and other complex loads
- > No minimum load per channel
- > Auto fan control (user-defined)
- > Self-terminating DMX input

Code	Description	ex GST
<b>FILMPRO/1C63</b>	FILMPRO Dimmer 1Ch x 63A - 19" 4RU, 63A CEEform output, 63A CEEform input, 3-phase 63A CEE input	\$3,495.00
<b>FILMPRO/3C25</b>	FILMPRO Dimmer 3Ch x 25A - 19" 4RU, 3 x 32A CEEform outputs, 63A CEEform input, 3-phase 63A CEE input	\$3,495.00
<b>FILMPRO/6C10</b>	FILMPRO Dimmer 6Ch x 10A - 19" 4RU, 6 x 16A CEEform outputs and 1 x Socapex 6Ch output, 1 x 6Ch Socapex non-dim output and 63A CEEform input, 3-phase 63A CEE input	\$3,495.00



FILMPRO/1C63



FILMPRO/6C10



FILMPRO/3C25





# TEKO Rackmount

## Networked Power Control

The TEKOs take the complete EKO feature set, including LNET and transplants it into a 3RU rackmount chassis, setting a new standard for professional, portable rackmount dimmers.

It is factory-fitted with TruPower, which allows each channel to be locally or remotely selected as a PTFD dimmer or as a DMX512 controlled power switch. TruPower bypasses the dimmer electronics, providing 'clean' power to high-powered discharge lamps or moving lights. Circuit Breaker Monitoring allows the user to remotely check the status for the dimmer MCBs and report back either to LSC's HOUSTON software or via RDM.

Available in 6-channel or 12-channel configurations with a choice of 10A and 25A outputs, there is a package size, output capacity and functionality to suit most applications. The TEKOs rackmount is available with high Rise-Time inductors.



## Features

- > User selectable touring dimmer or power distribution per channel
- > RCBO per channel
- > No minimum load per channel
- > High-speed backbone network for remote system monitoring/configuration and ePlate control (LNET)
- > 80 internal memories access through LNET and ePlates
- > Touchscreen user interface
- > RDM compliant



Chaffey Theatre, Renmark SA



Queensland Performing Arts Centre (QPAC)

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>TKO12/10A</b>	TEKO Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, 12 x 10A 3-pin Australian outputs, 3 phase tail and plug	\$4,995.00
<b>TKO12/10T</b>	TEKO Rackmount Dimmer/Distribution 12Ch x 10A - RCBO, 19" 3RU, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired	\$5,195.00
<b>6Ch x 25A</b>		
<b>TKO6/25A</b>	TEKO Rackmount Dimmer/Distribution 6Ch x 25A - RCBO, 19" 3RU, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, 3-pin Australian output, 3 phase tail and plug	\$5,495.00
<b>TKO6/25T</b>	TEKO Rackmount Dimmer/Distribution 6Ch x 25A - RCBO, 19" 3RU, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired	\$5,695.00
<b>Options</b>		
<b>ROO/BRKT</b>	Adaptor brackets to suit Roobar frames	\$48.00



TKO12/10A



# TEKO Wallmount

## Networked Power Control

The TWM (TEKO Wallmount) utilises the proven EKO electronics, and LNET interface housing them in a smaller footprint chassis with the option of front-mounted outlets. This enables it to be used with existing patch panel systems or internal hardwired terminals.

The TWM has a unique two-part body, the rear casing can be removed and mounted to the wall prior to attaching the main body. This system makes installation safer and easier as the rear section weighs less than 5kg, making it manageable for one person.

For venues that require semi-portability, LSC offers a hanging bracket that is designed to sit over

the P-1000 Unistrut, allowing a rack to be hung or removed in only a few seconds. In this situation the TWM can be fitted with an optional 3-phase tail and plug that allows it to connect to a standard 3-phase wall outlet. To avoid accidental damage, the data connections are located on the right side of the unit. This offers both effective cable management and separation of mains and data.

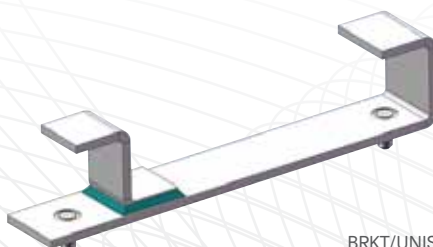
The TWM is an indent order product and minimum order quantities may apply.

## Features

- > User selectable dimmer or power distribution per channel
- > RCBO per channel
- > No minimum load per channel
- > High-speed backbone network for remote system monitoring/ configuration and ePlate control (LNET)
- > 80 internal memories access through LNET and ePlates
- > Touchscreen user interface
- > RDM compliant
- > Multiple output socket options available
- > Compact wallmount footprint – same as the older LSC iPro standard footprint



TWM12/10A



BRKT/UNIS



Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>TWM12/10A</b>	TEKO Wallmount 12Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, 12 x 10A 3-pin Australian outputs, screw terminal input	\$5,495.00
<b>TWM12/10T</b>	TEKO Wallmount 12Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired	\$5,695.00
<b>6Ch x 25A</b>		
<b>TWM6/25A</b>	TEKO Wallmount 6Ch x 25A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, 6 x 15A + 6 x 20A paired 3-pin Australian outputs, screw terminal input	\$5,995.00
<b>TWM6/25T</b>	TEKO Wallmount 6Ch x 25A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired	\$6,195.00
<b>12Ch x 10A High-Rise Time</b>		
<b>TWM12H/10A</b>	TEKO Wallmount 12Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, high Rise Time, 1 x 10A 3-pin Australian output, screw terminal input	\$6,495.00
<b>TWM12H/10T</b>	TEKO Wallmount 12Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, high Rise Time, hardwired	\$6,695.00
<b>6Ch x 25A High-Rise Time</b>		
<b>TWM6H/25A</b>	TEKO Wallmount 6Ch x 25A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, high Rise Time, 6 x 15A + 6 x 20A paired 3-pin Australian outputs, screw terminal input	\$6,995.00
<b>TWM6H/25T</b>	TEKO Wallmount 6Ch x 25A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, high Rise Time, hardwired	\$7,195.00
<b>Options</b>		
<b>BRKT/UNIS</b>	GVW/TWM Wallmount Unistrut Galvanised Hanging Brackets (Pair)	\$100.00
<b>TAIL32A/S1</b>	3-Phase Tail - 1.2m with 32A Australian plug (532 Series)	\$200.00
<b>TAIL40A/S1</b>	3-Phase Tail - 1.2m with 40A Australian plug (540 Series)	\$240.00
<b>TAIL32A/S2</b>	3-Phase Tail - 2.2m with 32A Australian plug (532 Series)	\$240.00
<b>TAIL40A/S2</b>	3-Phase Tail - 2.2m with 40A Australian plug (540 Series)	\$280.00



# EKO

## Networked Power Control

The EKO delivers a unique approach to multitasking for today's modern venues. Dedicated stage and house lighting dimming systems are no longer required – the EKO allows the user to decide on the number of channels for stage, for house lights and for direct power.

The innovative design includes a separate installation frame that can be supplied months ahead of the dimmer for pre-installation. This reduces the risk of damage to the unit as well as providing the installer with improved cash flow during a project.

EKO comes standard with TruPower, so each channel can be switched over to provide either standard

dimming or direct power. Circuit Breaker Detection is included, which allows remote monitoring for each channel's MCB status.

LNET ePlate wall-plate controllers (as well as building management systems interface modules) can be connected to form a versatile control network. Connected to HOUSTON allows Real-Time monitoring, and third-party control sources such as Crestron or Pharos, allows the EKO to be controlled from multiple sources seamlessly. The EKO is available in other variants, including 6Ch x 25A and 12Ch x 25A models.

## Features

- > User selectable PTFD dimmer or power distribution per channel
- > RCBO per channel
- > No minimum load per channel
- > High-speed backbone network for remote system monitoring/configuration and ePlate control (LNET)
- > 80 internal memories access through LNET and ePlates
- > Touchscreen user interface
- > RDM compliant
- > Separate install frame allows the cabling to be wired then the dimmer fitted

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>EKO12/10T</b>	EKO Wallmount Dimmer/Distribution 12Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired, 16mmsq screw terminal mains connection, small installation frame	\$5,795.00
<b>24Ch x 10A</b>		
<b>EKO24/10T</b>	EKO Wallmount Dimmer 24Ch x 10A - RCBO, TruPower, DMX, Circuit Breaker Detect, mono touchscreen, LNET, hardwired, 35mmsq screw terminal mains connection, large installation frame	\$7,795.00



EKO324/M/B

EKO312 Installation Frame



EKO324 Installed TCN9 Sydney



Gold Coast Arts Centre, QLD



# ePlates

## Networked Remote-Control Wall Plates

LSC ePlates are designed to complement the EKO and TEKO dimmers. Featuring attractive styling, smart features, user configuration and a range of different control options, the LNET ePlates are a great addition to a venue and will add remote-control functionality to the EKO and TEKO dimmers. Programmed using the free LSC LNET-Toolbox software, users can configure and recall internal memories in the dimmers for replay at a pre-programmed level and with selected fade time.

# Houston

## Networked Remote Monitoring Software

Houston is a Windows-based PC application that allows remote monitoring of all LNET-enabled products. Operational faults such as phase failure, loss of DMX, circuit breaker tripping and over temperature are sent over the network to one or more PCs running the HOUSTON software. Venue operators and managers can quickly view the nature of the fault, the date/time it occurred and the location. Additionally, the show configuration backup and restore function allows snapshots of the dimmer settings to be stored and recalled as necessary. Perfect for monitoring large-scale venues where the user can monitor an entire dimming system from a central location.

# LNET

## Advanced Networking Modules

The LNET ePlate wall-plate controllers can be connected to form a versatile control network for the EKO/TEKO dimming systems. Additionally, building management systems and other-third party control systems can be integrated into the network using the LNET interfacing modules. Together these products form a sophisticated and flexible control system.

Code	Description	ex GST
<b>ePlates</b>		
EP/8B	ePlate - 8 push buttons, LNET, user programmable, CAT5/RJ45 connection	\$350.00
EP/4B	ePlate - 4 push buttons, LNET, user programmable, CAT5/RJ45 connection	\$350.00
EP/2B	ePlate - 2 push buttons, LNET, user programmable, CAT5/RJ45 connection	\$350.00
<b>Houston</b>		
HOUSTON	Windows PC Real Time Status Monitoring Software - for LNET products, includes LNET/USB interface	\$1,500.00
HOUSTON/BR	HOUSTON Software - with dimmer configuration Backup and Restore functionality, includes LNET/USB interface	\$2,500.00
<b>LNET</b>		
LNET/232	LNET to RS232 Bi-Directional Interface - allows connection of LNET-enabled devices to third-party control systems (ie Crestron, AMX, Stardraw Control)	\$600.00
LNET/EIM	LNET General Purpose Input Module - provides 8 inputs (voltage free momentary contact closure) for interfacing LNET to BMS or relay controls	\$650.00
LNET/HUB	LNET 5-Way Hub - allows connection of LNET devices in a star topology wiring configuration, includes auto-termination to allow LNET outlet sockets to be used for connection of portable LNET devices	\$995.00
LNET/USB	LNET to USB Interface - DIN rail-mounted device provides a PC USB connection to the LNET network, required for use of LSC Toolbox and/or HOUSTON software	\$550.00
LNET/PSU	LNET DIN Rail-Mounted Power Supply - additional power supply to suit LNET devices	\$500.00



EP/2B



EP/8B



EP/2B



LNET/HUB



HOUSTON / Real Time Status Monitoring



[eplate.lscighting.com.au](http://eplate.lscighting.com.au)



[houston.lscighting.com.au](http://houston.lscighting.com.au)



[lnet.lscighting.com.au](http://lnet.lscighting.com.au)



**Along with our  
commitment to  
manufacturing certified  
Australian-made  
products, LSC continues  
to ensure higher  
levels of reliability and  
longevity across the  
entire product range.**



# RED3

## Simple Power Dimming

The RED3 dimmer is the benchmark for affordable dimming. It was designed to meet the lighting needs of smaller venues including schools, concert halls and places of worship. It has been extensively re-engineered so smaller venues can install a superior, quality LSC dimming system at a fraction of the cost. The RED3 is housed in a 19" 3RU rackmount chassis.

It offers 12 channels of dimming, each protected by a 10A thermal Magnetic Circuit Breaker (MCB). The RED3 also has a 100% duty cycle, ensuring it can run all day and night without issue.

A full-colour touchscreen provides the user with a clear display of dimmer settings and functionality, including DMX address, fade curve, min/max levels and DMX loss action. For convenience, all RED3 dimmers are supplied with a flying mains power lead and a 3-phase plug. And like all LSC products, the RED3 is covered by a two-year warranty and is proudly made in Australia.



### Features

- > Robust power dimming
- > MCB per channel
- > Colour touchscreen user interface
- > RDM compliant
- > Multiple output socket options available

Code	Description	ex GST
RED12/10A	RED3 Rackmount Dimmer 12Ch x 10A - MCB, 19" 3RU, DMX, colour touchscreen, 12 x 3-pin Australian outputs, 3 phase tail and plug	\$1,495.00
RED12/10T	RED3 Rackmount Dimmer 12Ch x 10A - MCB, 19" 3RU, DMX, colour touchscreen, hardwired	\$1,795.00
RED12/10W	RED3 Rackmount Dimmer 12Ch x 10A - MCB, 19" 3RU, DMX, colour touchscreen, 2 x 16-pin Wieland outputs, 3 phase tail and plug	\$1,795.00
RED12/10X	RED3 Rackmount Dimmer 12Ch x 10A - MCB, 19" 3RU, DMX, colour touchscreen, 2 x 19-pin Socapex outputs, 3 phase tail and plug	\$1,795.00
<b>Options</b>		
ROO/BRKT	RED3 Adaptor Brackets - to suit Roobar frames	\$48.00



RED3 12 Ch x 10A





# REDBACK Wallmount

## Simple Power Dimming

The REDBACK Wallmount has been designed to solve a common problem facing modern venues – how to control conventional lights using dimming technology and provide clean power to intelligent fixtures and LEDs – all in one package. The REDBACK Wallmount offers a true switched power (relay) control option that can be specified with all outputs as dimmers or relays only, or a combination of both. The switched power channel outputs provide direct power by using relays, guaranteeing no electronics will interfere with connected loads.

Available in a variety of models to suit different venues' needs, the REDBACK range are slimline wall-mounted units. This allows them

to be placed in areas with limited depth such as narrow cupboards, walkways or catwalks. The easy-to-use colour LCD touchscreen guides the user through functions such as DMX address setting, scene memories, full Softpatch, panic input set-up, dimmer curves, display of channel levels, min and max level settings and channel test modes. The REDBACK Wallmount range can also interface with a selection of LSC wall plates, enabling remote control of memories as well as allowing connection to third-party devices (that utilise momentary contact closure).



RBW24 / T

RBW24/R/A



RBR/6



External DMX Plate

[redwall.lscighting.com.au](http://redwall.lscighting.com.au)



# REDBACK Patch Bay

## Flexible Patching

Although originally designed to complement the REDBACK Wallmount series of installation dimmers, the REDBACK Patch Bays are equally at home when used with any other dimmer requiring patching. Reflecting the same styling as the REDBACK wallmount range, the result is a highly compact series of patch bays that offer the user unhindered access and ease of use. The optional Test Module completes the range, offering safe and reliable load and source testing with overload indicators and circuit protection.

It has a modular design, four chassis sizes are available and there is also a Test Module option.



RBP/12T



RBP/T

[redpatch.lscighting.com.au](http://redpatch.lscighting.com.au)



# REDBACK Wallmount

Code	Description	ex GST
<b>6Ch Dimmers</b>		
RBW6/A	REDBACK Wallmount Dimmer 6Ch x 10A - MCB, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, DMX and hardwired mains connection via terminal block	\$1,400.00
RBW6/R/A	as above, with RCD on input	\$1,600.00
RBW6/T	REDBACK Wallmount Dimmer 6Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$1,400.00
RBW6/R/T	as above, with RCD on input	\$1,600.00
<b>6Ch Relay</b>		
RBW6/C/A	REDBACK Wallmount Relay 6Ch x 10A - MCB, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, DMX and hardwired mains connection via terminal block	\$1,400.00
RBW6/C/R/A	as above, with RCD on input	\$1,600.00
RBW6/C/T	REDBACK Wallmount Relay 6Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$1,400.00
RBW6/C/R/T	as above, with RCD on input	\$1,600.00
<b>12Ch x 10A Dimmer</b>		
RBW12/A	REDBACK Wallmount Dimmer 12Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$2,245.00
RBW12/R/A	as above, with RCD on input	\$2,445.00
RBW12/T	REDBACK Wallmount Dimmer 12Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$2,245.00
RBW12/R/T	as above, with RCD on input	\$2,445.00
<b>12Ch Combination Dimmer/Relay</b>		
RBW12/K/A	REDBACK Wallmount Dimmer Relay Combination - 6Ch x 10A dimmer + 6Ch x 10A DMX, MCB, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$2,245.00
RBW12/K/R/A	as above, with RCD on input	\$2,445.00
RBW12/K/T	REDBACK Wallmount Dimmer Relay Combination - 6Ch x 10A dimmer + 6Ch x 10A DMX, MCB, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$2,245.00
RBW12/K/R/T	as above, with RCD on input	\$2,445.00
<b>12Ch x 10A Relay Switch</b>		
RBW12/C/A	REDBACK Wallmount Relay 12Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$2,245.00
RBW12/C/R/A	as above, with RCD on input	\$2,445.00
RBW12/C/T	REDBACK Wallmount Relay 12Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$2,245.00
RBW12/C/R/T	as above, with RCD on input	\$2,445.00
<b>Options</b>		
TAIL32A/S1	3-Phase Tail - 1.2m with 32A Australian plug (532 Series)	\$200.00
TAIL40A/S1	3-Phase Tail - 1.2m with 40A Australian plug (540 Series)	\$240.00
TAIL32A/S2	3-Phase Tail - 2.2m with 32A Australian plug (532 Series)	\$240.00
TAIL40A/S2	3-Phase Tail - 2.2m with 40A Australian plug (540 Series)	\$280.00
<b>24Ch x 10A Dimmers</b>		
RBW24/A	REDBACK Wallmount Dimmer 24Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$4,000.00
RBW24/R/A	as above, with RCD on input	\$4,400.00
RBW24/T	REDBACK Wallmount Dimmer 24Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$4,000.00
RBW24/R/T	as above, with RCD on input	\$4,400.00



Code	Description	ex GST
<b>24Ch Combination Dimmer/Relay</b>		
RBW24/K/A	REDBACK Wallmount Dimmer Relay Combination - 18Ch x 10A dimmer + 6Ch x 10A DMX, MCB, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$4,000.00
RBW24/K/R/A	as above, with RCD on input	\$4,400.00
RBW24/K/T	REDBACK Wallmount Dimmer Relay Combination - 18Ch x 10A dimmer + 6Ch x 10A DMX, MCB, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$4,000.00
RBW24/K/R/T	as above, with RCD on input	\$4,400.00
<b>24Ch x 10A Relay Switch</b>		
RBW24/C/A	REDBACK Wallmount Dimmer 24Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, 3-pin Australian output, hardwired mains connection via terminal block	\$4,000.00
RBW24/C/R/A	as above, with RCD on input	\$4,400.00
RBW24/C/T	REDBACK Wallmount Dimmer 24Ch x 10A - MCB, DMX, colour touchscreen, wall-plate control, fire panel inputs, hardwired	\$4,000.00
RBW24/C/R/T	as above, with RCD on input	\$4,400.00
<b>Options</b>		
RBW/DMX	REDBACK Wallmount Optional DMX Connector Plate - XLR5 In and Thru, 30cm flylead, PCB connector for connection to CPU card	\$100.00

#### REDBACK Wall Plates

RBR/1	REDBACK/LDT Wallmount Range Wall-Plate Remote - 1-button panel	\$275.00
RBR/2	REDBACK/LDT Wallmount Range Wall-Plate Remote - 2-button panel	\$275.00
RBR/6	REDBACK/LDT Wallmount Range Wall-Plate Remote - 6-button panel	\$275.00

# REDBACK Patch Bay

Code	Description	ex GST
<b>REDBACK Wallmount Patch Bay</b>		
RBP/12	REDBACK Patch Bay - modular, F3 Frame, 12 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 36 ccts)	\$575.00
RBP/12/T	REDBACK Patch Bay RBP/12 - as above plus Test Module, RCBO	\$975.00
RBP/24	REDBACK Patch Bay - modular, F3 Frame, 24 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 36 ccts)	\$750.00
RBP/24/T	REDBACK Patch Bay RBP/24 - as above plus Test Module, RCBO	\$1,150.00
RBP/36	REDBACK Patch Bay - modular, F3 Frame, 36 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (not expandable)	\$925.00
RBP/36/T	REDBACK Patch Bay RBP/36 - as above plus Test Module, RCBO	\$1,325.00
RBP/48	REDBACK Patch Bay - modular, F6 Frame, 48 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 72 ccts)	\$1,150.00
RBP/48/T	REDBACK Patch Bay RBP/48 - as above plus Test Module, RCBO	\$1,550.00
RBP/60	REDBACK Patch Bay - modular, F6 Frame, 60 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 72 ccts)	\$1,325.00
RBP/60/T	REDBACK Patch Bay RBP/60 - as above plus Test Module, RCBO	\$1,725.00
RBP/72	REDBACK Patch Bay - modular, F6 Frame, 72 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (not expandable)	\$1,500.00
RBP/72/T	REDBACK Patch Bay RBP/72 - as above plus Test Module, RCBO	\$1,900.00
RBP/84	REDBACK Patch Bay - modular, F12 Frame, 84 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 144 ccts)	\$1,800.00
RBP/84/T	REDBACK Patch Bay RBP/84 - as above plus Test Module, RCBO	\$2,200.00
RBP/96	REDBACK Patch Bay - modular, F12 Frame, 96 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 144 ccts)	\$1,975.00
RBP/96/T	REDBACK Patch Bay RBP/96 - as above plus Test Module, RCBO	\$2,375.00
RBP/108	REDBACK Patch Bay - modular, F20 Frame, 108 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$2,150.00
RBP/108/T	REDBACK Patch Bay RBP/108 - as above plus Test Module, RCBO	\$2,550.00

Code	Description	ex GST
RBP/120	REDBACK Patch Bay - modular, F12 Frame, 120 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 144 ccts)	\$2,325.00
RBP/120/T	REDBACK Patch Bay RBP/120 - as above plus Test Module, RCBO	\$2,725.00
RBP/132	REDBACK Patch Bay - modular, F12 Frame, 132 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 144 ccts)	\$2,500.00
RBP/132/T	REDBACK Patch Bay RBP/132 - as above plus Test Module, RCBO	\$2,900.00
RBP/144	REDBACK Patch Bay - modular, F12 Frame, 144 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (not expandable)	\$2,675.00
RBP/144/T	REDBACK Patch Bay RBP/144 - as above plus Test Module, RCBO	\$3,075.00
RBP/156	REDBACK Patch Bay - modular, F20 Frame, 156 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$2,975.00
RBP/156/T	REDBACK Patch Bay RBP/156 - as above plus Test Module, RCBO	\$3,375.00
RBP/168	REDBACK Patch Bay - modular, F20 Frame, 168 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$3,150.00
RBP/168/T	REDBACK Patch Bay RBP/168 - as above plus Test Module, RCBO	\$3,550.00
RBP/180	REDBACK Patch Bay - modular, F20 Frame, 180 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$3,325.00
RBP/180/T	REDBACK Patch Bay RBP/180 - as above plus Test Module, RCBO	\$3,725.00
RBP/192	REDBACK Patch Bay - modular, F20 Frame, 192 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$3,500.00
RBP/192/T	REDBACK Patch Bay RBP/192 - as above plus Test Module, RCBO	\$3,900.00
RBP/204	REDBACK Patch Bay - modular, F20 Frame, 204 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$3,675.00
RBP/204/T	REDBACK Patch Bay RBP/204 - as above plus Test Module, RCBO	\$4,075.00
RBP/216	REDBACK Patch Bay - modular, F20 Frame, 216 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$3,850.00
RBP/216/T	REDBACK Patch Bay RBP/216 - as above plus Test Module, RCBO	\$4,250.00
RBP/228	REDBACK Patch Bay - modular, F20 Frame, 228 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (expandable to 240 circuits)	\$4,025.00
RBP/228/T	REDBACK Patch Bay RBP/228 - as above plus Test Module, RCBO	\$4,425.00
RBP/240	REDBACK Patch Bay - modular, F20 Frame, 240 x 1300mm moulded 10A 3-pin Australian piggy-back plug patch leads (not expandable)	\$4,200.00
RBP/240/T	REDBACK Patch Bay RBP/240 - as above plus Test Module, RCBO	\$4,600.00

#### Frames Only

RBP/F3	REDBACK Patch Bay 3 Module Frame - small patch frame with 1RU blank panel, takes up to three RBP/A patch modules (max 36 ccts) + 1 x Test Module	\$400.00
RBP/F6	REDBACK Patch Bay 6 Module Frame - medium patch frame with 1RU blank panel, takes up to six RBP/A patch modules (max 72 ccts) + 1 x Test Module	\$450.00
RBP/F12	REDBACK Patch Bay 12 Module Frame - large patch frame with 1RU blank panel, takes up to 10 RBP/A patch modules (max 144 ccts) + 1 x Test Module	\$500.00
RBP/F20	REDBACK Patch Bay 20 Module Frame - extra-large patch frame with 1RU blank panel, takes up to 20 RBP/A patch modules (max 240 ccts) + 1 x Test Module	\$550.00

#### Modules Only - For Use in LSC Frames (Above) or Third-Party Fully Enclosed 19" Rack Cabinets

RBP/T	REDBACK Patch Bay Test Module - RCBO, 19" 1RU, 10A test outlet, 50W test load, Ammeter and desk-lamp socket	\$400.00
RBP/A	REDBACK Patch Bay Module - 19" 1RU, 12 x 1300mm tails with moulded piggy-back plug (requires a RBP/B1 below bottom RBP/A module in rack)	\$275.00
RBP/B1	REDBACK Patch Bay Blank Module - 19" 1RU	\$45.00

#### Options

RBP/CMS	REDBACK Patch Bay Cable Management System - for 12 patch leads	\$40.00
LED-LITE	15" Gooseneck Console Light - for LSC control desks	\$80.00

Code	Description	ex GST
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#### Output Panel

OP12/10A	REDBACK Rackmount Output Panel 12Ch x 10A - 19" 2RU, 3-pin 10A Australian output on front panel, 12 x 1.2m tail with moulded 3-pin piggy-back for connection to dimmer outputs	\$450.00
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# APS Rackmount

## Configurable Power Distribution

Power distribution is one of the most critical components of any lighting system. Yet most other power distribution products are little more than circuit breakers and cabling in a box. The Advanced Power System (APS) is much more.

The APS is ideal for all venues where efficient energy management is a key goal. By using APS modules in auto power mode all the LED fixtures, video screens and moving lights will automatically be powered off a few minutes after the lighting console is turned off. When the console is next turned on, the lighting and video equipment will sequentially power-up without any user intervention.



## Features

- > Staggered start of outputs to reduce main circuit breaker nuisance tripping
- > DMX or automatic control configurable
- > Voltage/current monitoring with over/under voltage protection
- > RCBO per channel
- > Tru relay switching – not solid state
- > Colour touchscreen user interface
- > RDM compliant
- > Multiple output connector options available

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>APS12/10A</b>	APS Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 12 x 15A 3-pin Australian outputs, 3-phase tail and plug	\$1,995.00
<b>APS12/10T</b>	APS Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, hardwired	\$2,195.00
<b>APS12/10W</b>	APS Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 2 x 16-pin Wieland outputs, 3-phase tail and plug	\$2,195.00
<b>APS12/10X</b>	APS Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 2 x 19-pin Socapex outputs, 3-phase tail and plug	\$2,195.00
<b>APS12/10P</b>	APS Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 12 x powerCON outputs, 3-phase tail and plug	\$2,195.00
<b>6Ch x 25A</b>		
<b>APS6/25A</b>	APS Rackmount Power Distribution 6Ch x 25A - RCBO, 19" 3RU, 6 paired 20A/15A 3-pin Australian outputs, 3-phase tail and 40A plug	\$2,195.00
<b>APS6/25T</b>	APS Rackmount Power Distribution 6Ch x 25A - RCBO, 19" 3RU, hardwired	\$2,395.00



RBP/12T



Australian GPO outputs



Socapex outputs



Wieland outputs



# APS Wallmount

## Configurable Power Distribution

The Advanced Power System Wallmount (APW) is a wall-mounted version of the APS smart power distro. It uses the proven chassis of the GenVI Wallmount and TEK0 Wallmount dimmer racks, combined with the intelligence of the APS to provide the missing link in any dimmer and power distribution installation. It is available in a hardwired version or with front-mounted sockets to enable it to be used with existing patch panel systems.

The APW utilises a unique two-part body where the rear casing can be removed and mounted to the wall prior to the main body being attached. This system makes

installation easier and safer, as the rear section weighs less than 5kg, making it manageable by one person. To avoid accidental damage all the data connections are on the side of the unit, which offers both cable management and separation of mains and data.

### Features

- > Staggered start of outputs to reduce main circuit breaker nuisance tripping
- > DMX or automatic control configurable
- > Voltage/current monitoring with over/under voltage protection
- > RCBO per channel
- > Tru relay switching – not solid state
- > Colour touchscreen user interface
- > RDM compliant
- > Compact wallmount footprint – same as the older LSC iPro standard footprint

Code	Description	ex GST
<b>12Ch x 10A</b>		
APW12/10A	APS Wallmount Power Distribution 12Ch x 10A - RCBO, 12 x 10A 3-pin Australian outputs, screw terminal input for mains connection	\$2,495.00
APW12/10T	APS Wallmount Power Distribution 12Ch x 10A - RCBO, hardwired	\$2,695.00
<b>6Ch x 25A</b>		
APW6/25A	APS Wallmount Power Distribution 6Ch x 25A - RCBO, 6 paired 20A/15A 3-pin Australian outputs, screw terminal input for mains connection	\$2,695.00
APW6/25T	APS Wallmount Power Distribution 6Ch x 25A - RCBO, hardwired	\$2,895.00
<b>Options</b>		
BRKT/UNIS	GVW/TWM Wallmount Unistrut Galvanised Hanging Brackets (Pair)	\$100.00
TAIL32A/S1	3-Phase Tail - 1.2m with 32A Australian plug (532 Series)	\$200.00
TAIL40A/S1	3-Phase Tail - 1.2m with 40A Australian plug (540 Series)	\$240.00
TAIL32A/S2	3-Phase Tail - 2.2m with 32A Australian plug (532 Series)	\$240.00
TAIL40A/S2	3-Phase Tail - 2.2m with 40A Australian plug (540 Series)	\$280.00



APW12/10T



Config menu



Voltage and current



Stand alone mode





# PowerPoint

## Simple Power Distribution

The PowerPoint Power Distribution System is designed for applications where fixed or mobile power distribution is required. It offers a 4-pole mains input isolator switch with RCBO per output channel or Neutral Disconnect circuit breakers as an option if RCBO is not desirable. There is also neon phase indication to show power input to the rack.

Circuit rating can be specified as either 12 x 10A, 12 x 16A or 6 x 25A. Back-panel options include either Australian 3-pin GPO, Socapex, Harting/Wieland, terminal outputs, powerCON and powerCON True1. PowerPoint also comes with a 1m mains power cable with plug fitted on all models except the hardwired version.



## Features

- > Main isolator switch
- > Indicator per phase
- > RCBO per channel
- > Multiple output connector options available

Code	Description	ex GST
<b>12Ch x 10A</b>		
<b>PWP12/10A</b>	PWP Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 12 x 3-pin Australian outputs, 3-phase tail and plug	\$1,145.00
<b>PWP12/10T</b>	PWP Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, hardwired	\$1,295.00
<b>PWP12/10W</b>	PWP Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, Wieland outputs, 3-phase tail and plug	\$1,295.00
<b>PWP12/10X</b>	PWP Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, Socapex outputs, 3-phase tail and plug	\$1,295.00
<b>PWP12/10P</b>	PWP Rackmount Power Distribution 12Ch x 10A - RCBO, 19" 3RU, 12 x powerCON outputs, 3-phase tail and plug	\$1,295.00
<b>12Ch x 16A</b>		
<b>PWP12/16A</b>	PWP Rackmount Power Distribution 12Ch x 16A - RCBO, 19" 3RU, 12 x 20A 3-pin Australian outputs, 32A MCB on input, 32A 3-phase tail and plug	\$1,795.00
<b>6Ch x 25A</b>		
<b>PWP6/25A</b>	PWP Rackmount Power Distribution 6Ch x 25A - RCBO, 19" 3RU, 6 x paired 20A + 15A 3-pin Australian outputs, 3-phase tail and plug	\$1,295.00
<b>PWP6/25T</b>	PWP Rackmount Power Distribution 6Ch x 25A - RCBO, 19" 3RU, hardwired	\$1,295.00



PWP12/10A



# LDT

## LED Drive Technology

LDT was designed to provide professional, theatre-quality dimming through dimmable LED globes, suitable for retrofit installations and new fit-outs. Many LED globes and LED controllers claim to dim LED lamps but a large proportion drop out at 20% to 40% power or flicker when used at low power levels.

This makes them unsuitable for venues with in-house lighting systems such as theatres, places of worship and cinemas where smooth dimming to 0% is required.

LDT uses patented LED Drive Technology that improves control of dimmable LED globes. If a LED can be dimmed, the LDT will do it better than any other dimmer available. Easy stand-alone control is provided by the REDBACK wall plates and LDT can also switch to DMX control when required.

## Features

- > Dims dimmable LEDs down to less than 1% drive
- > Each channel dims either conventional tungsten loads or LED
- > MCB per channel
- > Colour touchscreen user interface
- > RDM compliant
- > Wall-plate and building management interfaces
- > Internal memories, emergency backup memory and DMX loss memory

Code	Description	ex GST
<b>LED Drive Technology</b>		
<b>LDT6</b>	LDT Wallmount LED Dimmer 6Ch x 10A - MCB, DMX, LED Drive Technology, colour touchscreen, wall-plate control, fire panel input, hardwired	\$2,990.00
<b>LDT6/B</b>	LDT Wallmount LED Dimmer 6Ch x 10A - RCBO, DMX, LED Drive Technology, colour touchscreen, wall-plate control, fire panel input, hardwired	\$3,490.00
<b>LDT12</b>	LDT Wallmount LED Dimmer 12Ch x 10A - MCB, DMX, LED Drive Technology, colour touchscreen, wall-plate control, fire panel input, hardwired	\$4,490.00
<b>LDT12/B</b>	LDT Wallmount LED Dimmer 12Ch x 10A - RCBO, DMX, LED Drive Technology, colour touchscreen, wall-plate control, fire panel input, hardwired	\$5,490.00
<b>RBP Wall Plates</b>		
<b>RBR/1</b>	REDBACK/LDT Wallmount Range Wall-Plate Remote - 1-button panel	\$275.00
<b>RBR/2</b>	REDBACK/LDT Wallmount Range Wall-Plate Remote - 2-button panel	\$275.00
<b>RBR/6</b>	REDBACK/LDT Wallmount Range Wall-Plate Remote - 6-button panel	\$275.00

LDT



LED MR16



LED PAR38





# DeSisti

## Professional Luminaires for Film and Television

Founded in February 1982 by the internationally acclaimed designer Mario DeSisti, DeSisti has emerged as a world leader in the manufacture and distribution of top-quality lighting equipment in the film, television, theatre and professional photography industries.

With a strong emphasis on craftsmanship and performance, the company has been responsible for numerous major technological advances in the electromechanical and photometric areas of luminaire development.

Based in Italy, DeSisti has grown to employ more than 110 people, with R&D representing over a quarter of this number.

As trendsetters in the entertainment industry, DeSisti has guided such important innovations as high CRI LED sources, flicker-free electronic ballasts, single-end high efficiency HMI lamps, motorised self-climbing hoists, telescopes and most recently, robotic controlled lighting.

Over the last three years, DeSisti has installed more than 15,000 pieces of professional LED fixtures in some of the most prestigious television stations around the world. DeSisti offers a complete range of film and television lighting products including hoists, pantographs, conventional Fresnels, softlights and cyc lights, fluoro softlights, HMI pars, RGB cyc lights and D-Rail systems.

The DeSisti name is well-known in Australia. There are hundreds of Leonardo Fresnels, De Lux softlights and Giotto cyclights throughout nearly every television station in Australia and New Zealand.

DeSisti hoists are installed in Channel 7 Docklands Studios Melbourne, Foxtel television studios in Sydney, Chapel off Chapel in Melbourne and RMIT University Victoria.

## LED Upgrades for DeSisti Tungsten Fresnels – 1kW or 2kW

The need to reduce energy consumption, running costs and maintenance are driving factors in the increased use of LED lighting throughout the industry. The biggest issue with upgrading to LED is cost, as most organisations face capital expenditure limits. The DeSisti EZ-4s LED Retrofit Kit solves these problems by providing a simple upgrade for an existing DeSisti Leonardo Fresnel fixture. This reduces the cost of upgrading compared to purchasing brand new fixtures and is usually deemed to be a maintenance cost rather than capital expenditure.

Converting an existing DeSisti Leonardo tungsten 1kW or 2kW Fresnel fixtures to SuperLED Fresnels is easy:

- > Purchase the relevant EZ-4S upgrade kit from LSC
- > Remove the four screws holding the bottom housing onto the existing tungsten fixture
- > Swap over the bottom box of the existing Fresnel with the EZ-4S DeSisti LED Retrofit Box
- > Attach the DeSisti Retrofit Box to the lighting fixture using the same four screws

The DeSisti LED Fresnels are already widely used by major professional lighting designers and television stations such as Fox Sports, Channel 10, BBC, BSKYB, ITV, ESPN, RAI and many others.

## For Leonardo Fresnels



The EZ-4s includes the bottom housing with the preassembled led system. The EZ-4s does not require any additional electrical terminations or mechanical modifications.

## EZ-4S System





## Rail Systems and Accessories

The DeSisti D-Rail system is a structurally rated, extruded aluminium track for use in studios and theatre. A range of manual and motorised trolleys are available to facilitate the attachment of lights, speakers, projectors and other items. The trolleys travel along the D-Rail to allow easy movement of fixtures around the grid. D-Rail is available in varying lengths from 1m to 6m and can be joined to provide rails of unlimited length. They are available in straight and curved variants, the latter with a minimum radius curve of 1m to allow fixtures to move around corners.

### Accessories

- > Swivel trolleys for pipe-and-barrel style movable grids
- > Manual or motorised trolleys with standard spigot receivers
- > Drop arms, clamps and fixing assemblies
- > Lightweight Spider pantographs
- > Lighting poles, manual and motorised

## 'D-Rail' aluminium extruded profiles for high mobility rigging/lighting



Basic D-Rail and lighting P.O. manual trolley



P.O. Double trolley



Motorised trolley



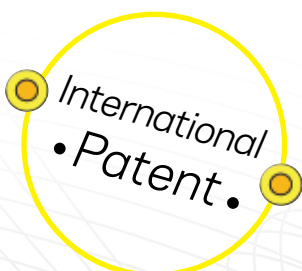
D Rail with distribution on the side for low ceiling studios



D Rail with distribution on the top (retro-fit able)



Typical top attachment and fixing methods





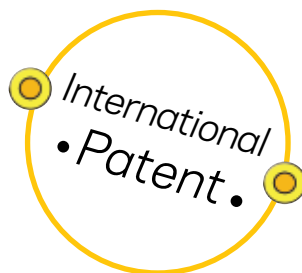
# DeSisti

Professional Luminaires for Film and Television

## TLCI: the Appropriate Colourimetry Index from EBU

DeSisti is adhering to the European Broadcasting Union's recommendation for the appropriate measuring and characterisation method for documenting the colorimetric parameters of LED sources.

DeSisti is now including in the data sheet the measurements of the TLCI (Television Lighting Consistency Index) based on the EBU measuring system (<https://tech.ebu.ch/publications>) which is the ideal method to identify the appropriate quality of a LED lighting fixture to be used for professional cameras. It is important to notice that the EBU defines a top-quality lighting fixture as having a TLCI >85. Note: all of the new DeSisti LED products have a TLCI >90, meaning they are the ideal LED sources for professional lighting. The electronic igniter is made in-house by DeSisti and is designed for reliable operation and low noise.



## LED Fresnel Super Series and LED Fresnel Standard Series

The third generation of LED Fresnels from DeSisti is now available, providing a much higher output (> 50% brighter in full flood than the previous model) and with a CRI >90 in the tungsten and the daylight balanced CCT versions.

These improvements have been made without compromising the optical refinement for which DeSisti LED Fresnels are renowned. The beam behaves exactly like a conventional Fresnel, with full barndoor control, proper shadows and a smooth field – something most other LED fixtures cannot achieve.

The LED array is controlled by DC power ensuring flicker-free operation at any shutter or frame/picture speed, and dims smoothly up and down from a true 0% to 100% without any sudden jump in level.

The custom LED arrays are designed to match existing fixtures perfectly. The tungsten balanced CCT versions have been successfully verified by professional cameramen in television studios to be combined with conventional filament lamp fixtures.

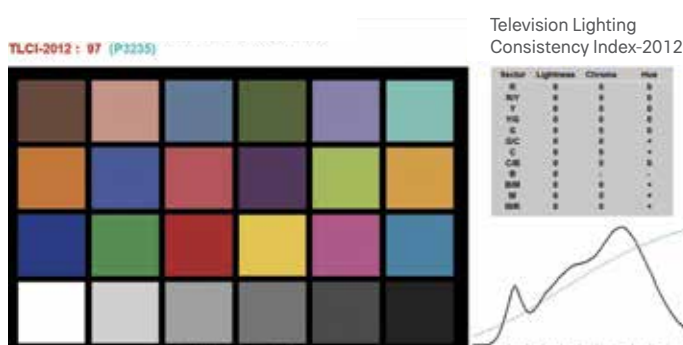
The daylight versions are rated at 5600°K with the CRI greater than 90 and are matching other types of available sources in the market such as HMI's and daylight fluorescents. The daylight version is also ideal for studios with large plasma/LCD screens running at 5600°K. Completely silent in operation, the DeSisti LED Fresnels raise the standard and are the professional lighting industry's choice for quality, efficiency and energy saving.



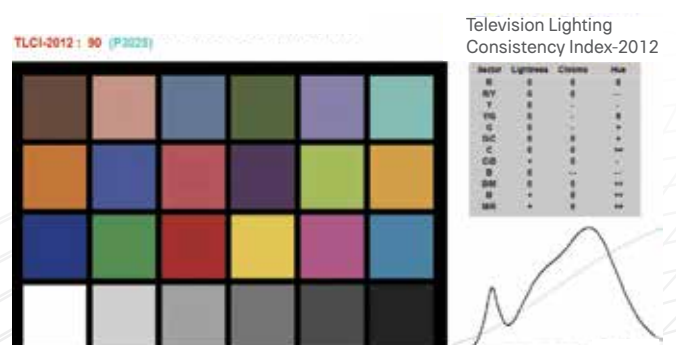
LED Fresnel Super Series



LED Fresnel Standard Series



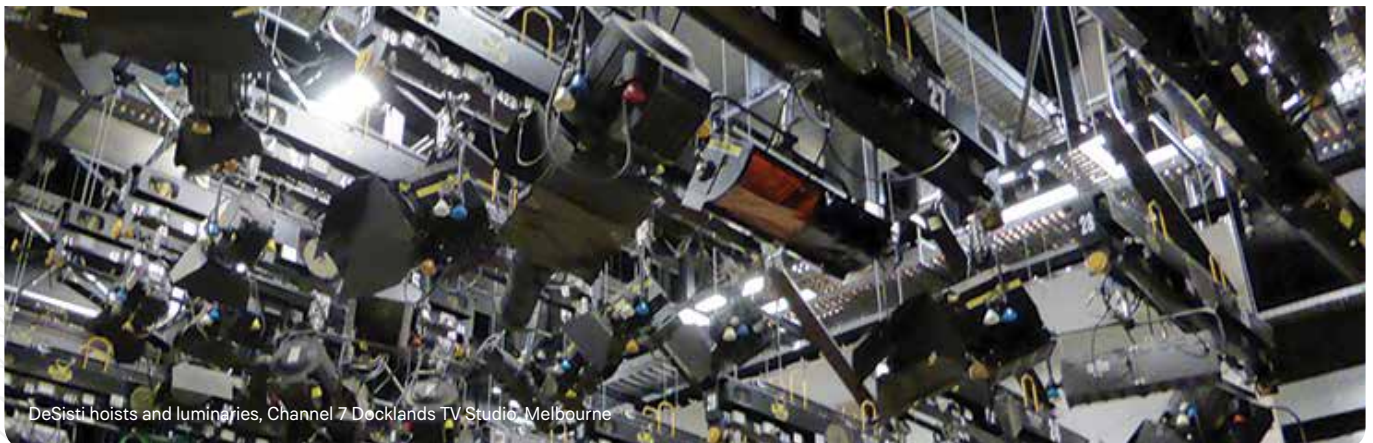
LED Leonardo10T CRI90



# DeSisti

## Professional Luminaires for Film and Television

Code	Description	ex GST
<b>DeSisti LED Fresnels</b>		
<b>F4.7T MO</b>	LED MAGIS TUNGSTEN CCT fresnel with M.O. (manually operated) yoke, 120mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 16mm spigot, four leaf rotating barndoor and colour frame.	\$3,500.00
<b>F4.7T PO</b>	LED MAGIS TUNGSTEN CCT fresnel with P.O. (pole operated) yoke, 120mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$3,950.00
<b>F4.7D MO</b>	LED MAGIS DAYLIGHT CCT fresnel with M.O. (manually operated) yoke, 120mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 16mm spigot, four leaf rotating barndoor and colour frame.	\$3,500.00
<b>F4.7D PO</b>	LED MAGIS DAYLIGHT CCT fresnel with P.O. (pole operated) yoke, 120mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$3,950.00
<b>F6T MO</b>	LED LEONARDO MODEL 6 TUNGSTEN CCT fresnel with M.O. (manually operated) yoke, 150mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$4,695.00
<b>F6T PO</b>	LED LEONARDO MODEL 6 TUNGSTEN CCT fresnel with P.O. (pole operated) yoke, 150mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$4,975.00
<b>F6D MO</b>	LED LEONARDO MODEL 6 DAYLIGHT CCT fresnel with M.O. (manually operated) yoke, 150mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$4,695.00
<b>F6D PO</b>	LED LEONARDO MODEL 6 DAYLIGHT CCT fresnel with P.O. (pole operated) yoke, 150mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$4,975.00
<b>F10T MO</b>	LED LEONARDO MODEL 10 TUNGSTEN CCT fresnel with M.O. (manually operated) yoke, 250mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$5,695.00
<b>F10T PO</b>	LED LEONARDO MODEL 10 TUNGSTEN CCT fresnel with P.O. (pole operated) yoke, 250mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$5,995.00
<b>F10D MO</b>	LED LEONARDO MODEL 10 DAYLIGHT CCT fresnel with M.O. (manually operated) yoke, 250mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$5,695.00
<b>F10D PO</b>	LED LEONARDO MODEL 10 DAYLIGHT CCT fresnel with P.O. (pole operated) yoke, 250mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$5,995.00
<b>F14T MO</b>	LED LEONARDO MODEL 14 TUNGSTEN CCT fresnel with M.O. (manually operated) yoke, 350mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$10,750.00
<b>F14T PO</b>	LED LEONARDO MODEL 14 TUNGSTEN CCT fresnel with P.O. (pole operated) yoke, 350mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$11,050.00
<b>F14D MO</b>	LED LEONARDO MODEL 14 DAYLIGHT CCT fresnel with M.O. (manually operated) yoke, 350mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$10,750.00
<b>F14D PO</b>	LED LEONARDO MODEL 14 DAYLIGHT CCT fresnel with P.O. (pole operated) yoke, 350mm lens, powerCON In and Out, XLR5 DMX In and Out. Supplied with 3m power lead, 28.57mm spigot, four leaf rotating barndoor and colour frame.	\$11,050.00



DeSisti hoists and luminaires, Channel 7 Docklands TV Studio, Melbourne





# DeSisti

## Professional Luminaires for Film and Television

### De Lux Fluorescent Softlight

The De Lux range of softlights provide unparalleled performance in a compact unit.

The high-efficiency reflector system eliminates the need for awkward external intensifiers, whilst reducing the weight, size and cost. De Lux fixtures are 40% brighter than other fixtures using the same lamp/ ballasts.

Control options include phase control (to allow operation via existing dimmers), Analog (0-10V) or DMX, with local control included on the latter two variants.

They use standard 55W biax fluorescent lamps rated for 10,000 hours and are available in 3200°K and 5600°K colour temperatures, with different colour rendering indexes to suit the application (ie Studio-Line or RGB).

De Lux fixtures are available with either positive locking manual yokes for comfort and ease of handling or pole-operated yokes that can be operated via a lighting pole, or manually if required due to the internal clutch system.

The accessories are secured regardless of orientation of the fixture and are designed to be fitted and removed with one hand.



DeLux4 M.O.



DeLux2 P.O.



Soft-LED4 M.O. with eggcrate



Soft-LED4 M.O. tungsten



Soft-LED4 M.O. daylight



Soft-LED2 M.O. daylight

### Soft-LED Studio LED Softlights

The Soft-LED is high-powered LED softlight with an exceptionally high CRI (>95) and a light output almost twice that of similar fluorescent fixtures.

This innovative range is perfect for the lighting designer looking for fixtures with incredibly even distribution of light, very soft shadows and proper control of the beam via honeycombs that actually work – making them ideal for multiple camera use in the studio. The remote phosphor insert ensures no pixel shadow effect, as the phosphor provides a single solid source of light, whilst allowing an easy changeover between daylight and tungsten colour temperature.

The Soft-LED fixtures are lightweight, compact and energy efficient. The small size is ideal for today's smaller studios and the low-energy requirements allow for an entire rig to be powered from a single 10A outlet. The minimal heat output also greatly increases talent comfort.

Available in a choice of manual or pole operation, the full range dimming is controlled by DMX and the LEDs are supplied with DC throughout the 0% to 100% dimming range for full flicker-free operation and super-smooth cross fades.

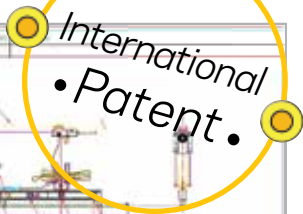
### Engineering Services

Drawing on many years of industry experience, the project design team at DeSisti can assist in all aspects of a studio/theatre refit or clean-sheet design. Services can include complimentary studio design, budget and preliminary drawing submittal, structural and electrical engineering, project management, installation supervision and full personnel training.

### Soft-LED TLCT chart







DeSisti shop drawing motorised batten, Chapel on Chapel, Melbourne Australia





# DeSisti

## Professional Luminaires for Film and Television

### Professional Rigging Products

DeSisti manufactures a complete range of installation rigging for theatre, film, photography and TV studios. All products meet the strict TUV safety certification standards, in addition to the relevant Australian standards. Notable installations in Australia include Fox Studios, RMIT, Channel 7 and the Transport Accident Commission. LSC (in partnership with DeSisti) offer turn-key design solutions including technical drawings, engineering calculations, installation, commissioning, training and maintenance.

- > Mini Spider Pole Operated Pantograph Range for 30kg SWL
- > Spider Junior Pole Operated and Motorised Pantograph Range for 40kg SWL
- > Spider Senior Motorised Pantograph range for 80kg SWL
- > Telescope for 80kg SWL with many types of manual and motorised trolleys
- > Lite Mini Hoist with Band Technology 100kg SWL
- > Mini Hoist with Band Technology 120kg SWL
- > HD Self Climbing Hoist with Band Technology 210kg SWL
- > HD Top Grid Hoist with Band Technology 210kg SWL
- > Scenery Hoist with Band Technology 200kg SWL

### Lite mini hoists up to 100kg SWL



### Spider Junior rigging products to suspend single lights



Lite mini hoists up to 100kg SWL

### Self climbing hoists up to 210kg SWL



Grid hoists up to 250kg SWL

H.D. Grid hoists up to 500kg SWL



### Spider Junior rigging products to suspend single lights



65kg SWL Rail type manual or moto trolley

65kg SWL robotic type motorised trolley positioning control

65kg SWL robotic type 3 axis motorised hor. vert. rotation

### Scenery hoists up to 350kg SWL

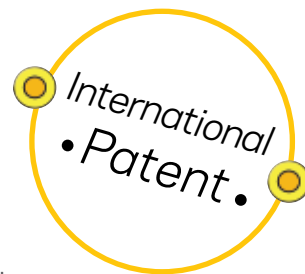


Self contained

Top grid cabinet

### Icarus Control System





# DeSisti

Professional Luminaires for Film and Television

## Location Lighting Products

DeSisti Professional manufacture an extensive range of location lighting fixtures. The bodies are constructed of aluminium to ensure long life without rusting. The modular construction allows for servicing and replacement of parts should they be dropped, as well as providing better heat management. All fixtures use convection cooling without fans for silent operation.

The range includes:

- > Rembrandt daylight Fresnels, from 200W to 12/18kW
- > Goya discharge broadlights/shadowlights, from 400W to 6/12kW
- > Remington daylight pars, from 575W to 6/12kW



Goya 2.5/4kW



Remington 2.5/4kW



Remington 575



Rembrandt 575



Rembrandt 1.2/2.5kW



Rembrandt 12/18kW



DEB 6/12kW



DEB 575W



DEB 200W D.C. (24-30V)



DEB 2500/4000W



DEB 4000/6000W



DEB 575/1200W





# Projects, Tours and Installs

Warner Bros Theme Park, Abu Dhabi  
 Star Wars, Pinewood Studios  
 Alabama – USA Tour  
 Channel 9 TV, Australia  
 FloydFest, USA  
 Studio City, Macau  
 Public Enemy, USA  
 LL Cool J, USA  
 ABC TV Studios, Melbourne and Sydney  
 Channel 4 TV Studios, London  
 HSBC Headquarters, Hong Kong  
 Outside Lands Festival, USA  
 Geelong College, Australia  
 Glastonbury Festival, UK  
 Cut Copy – World Tour  
 Ice T – USA Tour  
 Selah Sue – European Tour  
 Hawkes Bay Opera House, New Zealand  
 National Gallery, Bangladesh  
 Coca-Cola Billboard, Kings Cross, Sydney  
 Nurburgring, Germany  
 State Theatre, Arts Centre Melbourne, Australia  
 NTV Studios, Turkey  
 Marina Bay Sands, Singapore  
 King Faisal University, Saudi Arabia  
 Sky TV, Middle East  
 Chelsea FC TV Studios, UK  
 Hooverphonics – European Tour  
 Ozark Henry – European Tour  
 Kasabian – European Tour  
 BBC TV, UK  
 deSingel International Arts Center, Antwerp, Belgium  
 QVC TV, London  
 Grosvenor House Hotel, London  
 Channel 7, Australia  
 Foxtel TV, Australia  
 ITV, UK  
 Hillsong Church Convention Centre, Australia  
 Melbourne Museum, Australia  
 Vancouver Winter Olympics, Canada  
 Kämp Bar, Hotel Kämp, Finland  
 The Orangerie, Maritim Hotel, Germany  
 DJ Tiesto – Australasian Tour  
 Kingsmead School, UK  
 Primus Festival, Democratic Republic of Congo  
 Universidad Tecnica Federico, Spain  
 Gladstone Entertainment Convention Centre, Australia  
 Wolfmother – World Tour  
 The Arts Centre Gold Coast, Australia  
 Eurovision Song Contest, Norway  
 Logie Awards, Australia  
 Redcliffe Cultural Centre, Australia  
 Erykah Badu – World Tour  
 Kimbra – World Tour

Karratha Arts and Community Precinct, Australia  
 Rugby World Cup, New Zealand  
 Furthur – USA Tour  
 Wodonga Performing Arts Centre, Australia  
 Strawberry Fields Festival, UK  
 Paralympics London 2012, UK  
 Warner Bros, UK  
 The National Theatre, London, UK  
 Nina Badric Tour – Belgrade, Serbia  
 Brisbane Entertainment Centre, Australia  
 Panavision Film & Broadcast, UK  
 Queensland Performing Arts Centre, Australia  
 Mackay Entertainment Centre, Australia  
 Sasani TV Studios, Johannesburg, South Africa  
 Festival of Light, Latvia  
 World Expo, Japan  
 Lord of The Rings, New Zealand  
 Everyman Theatre, Liverpool, UK  
 Putrajaya Convention Centre, Malaysia  
 Mostar Bridge, Bosnia Herzegovina  
 Adelaide Convention Centre, Australia  
 Stratford College, UK  
 The Esplanade Theatres, Singapore  
 Gold Coast Cultural Precinct, Australia  
 Bolshoi Ballet, Russia  
 Allhambra Palace, Spain  
 The Power Station, Singapore  
 Canal 9, Argentina  
 Nova TV, Croatia  
 Teatro Alcobendas, Spain  
 Stratford College, UK  
 Trinity Laban Dance College, UK  
 Crown Casino, Australia  
 World Expo, China  
 Jupiters Casino Theatre, Australia  
 Sochi Winter Olympics  
 2014 World Cup, ITV Studios, Brazil  
 Vietnam Idol, Vietnam  
 Depeche Mode – European Tour  
 Freestyler Club, Serbia  
 Brolga Theatre and Convention Centre, Maryborough, Australia  
 Seymour Centre, Sydney  
 Gardens Point Theatre, Brisbane  
 The Events Centre, Caloundra, Queensland  
 Nambour Civic Centre, Queensland  
 TAFE Queensland Gold Coast, Australia  
 TAFE Kelvin Grove, Brisbane  
 Monash University, Melbourne  
 Joan Sutherland Performing Arts Centre, Penrith  
 South Bank TAFE, Brisbane  
 ABC Studios, Brisbane  
 Brisbane Convention & Exhibition Centre  
 Moncrieff Theatre, Bundaberg  
 Pilbeam Theatre, Rockhampton



# Terms and Conditions

## 1.0 General

In conditions of sale, 'The Seller' means LSC Lighting Systems (Aust) Pty Ltd  
ABN 21 090 801 675  
65-67 Discovery Road  
Dandenong South Victoria, 3175 Australia.

'The Buyer' means the person or company placing an order with the Seller for the purchase of Goods. 'The Goods' means the goods and merchandise supplied or the services provided by the Seller under the contract with the Buyer. 'Officer' means an officer defined by S.82A of the Australian Corporations Law.

## 2.0 Payment

All orders received will be subject to a minimum invoice value of A\$40.00 excluding Taxes and freight. Goods shall be payable nett and payment shall be made prior to shipment, unless other terms of payment are expressly stated in writing and signed by the Seller. A statement signed by an Officer of the Seller stating a sum due and payable by the Buyer is prima facie evidence that the amount so stated is the amount due.

## 3.0 Part Delivery

The Seller reserves the right to accept any order in whole or in part, or to decline any order. Where the Seller makes a delivery in respect of part only of an order such delivery shall constitute a separate contract, which shall be subject to these Terms and Conditions.

## 4.0 Inconsistency

The Seller sells the Goods only on these Terms and Conditions of Sale. If the terms of the Buyer's order are inconsistent with these Conditions of Sale, the delivery of the Goods to the Buyer shall constitute an offer by the Seller to sell the Goods to the Buyer on the Terms and Conditions of the Sale detailed herein, which offer the Buyer may accept by retaining the Goods.

## 5.0 Contract

These conditions of Sale contain the whole of the contract between the Buyer and the Seller except for terms, conditions and warranties supplied by the Trade Practices Act 1974. All other conditions and warranties which might but for this clause or for clause 19 hereof be implied by law expressly negated and excluded.

## 6.0 Buyer's Authority

The Buyer has no authority to bind the Seller by any representation, undertaking, assertion of statement in relation to the Goods unless expressly authorised in writing by the Seller to do so.

## 7.0 Rights in Relation to Goods

7.1 The property in the Goods shall not pass to the Buyer until:

a) Payment for those particular goods has been received, and b) Payment in full on any account whatsoever has been received by the Seller and the Buyer's payment has been honoured whether or not that account relates to the sale of the Goods. The Buyer shall stand in a fiduciary relationship to the Seller in respect of Goods supplied by the Seller if not paid for and the Seller shall have the right to trace the proceeds of sale of such Goods. If the Buyer fails to honour any of these Terms and Conditions of Sale, without notice, the Seller shall have the right to take possession of the Goods which are the subject of this reservation of title, or trace the proceeds of sale thereof, as the case may be, and recover the full amount owing to the Seller together with interest and costs, if any. The Buyer shall hold the Goods supplied by the Seller in such a way as to identify them as being Goods in which property has not passed to the Buyer pending payment in full.

7.2 The Seller may without prejudice to any of its other rights and without prior notice, retake and resume procession of any Goods which remain its property and, by its servants and agents, enter upon the Buyer's premises, or any other place where the Goods may be, without liability for trespass or any resulting damage, for that purpose if:

7.2.1 There is any breach of any contract between the Seller and the Buyer; or

7.2.2 The Buyer takes any action that could result in his being made bankrupt or an arrangement under the Part X of the Bankruptcy Act 1966 is invoked against the Buyer or the Buyer is wound up or is placed under official management, or a receiver, or a receiver and manager, or a voluntary administrator is appointed in respect of the Buyer's undertaking or property or any part thereof, or any encumbrance, by itself or by an agent, takes possession of the Buyer's undertaking or property or any part thereof; or

7.2.3 The Buyer parts with possession of the Goods or any of them otherwise than by way of sale to a customer in the ordinary course of its business.

7.3 The Seller may recover the price of the Goods by action, and may apply to wind up or bankrupt the Buyer, if the

Goods are not paid for within the Seller's usual credit terms, notwithstanding any arrangement that property in the Goods has not passed to the Buyer.

7.4 These provisions apply notwithstanding any arrangement under which the Seller provided credit to the Buyer. To the extent there is any inconsistency, these provisions prevail.

## 8.0 Prices

8.1 All prices shall be quoted or in accordance with the Seller's price list current at the time of order whichever shall be the higher. Such price lists are subject to the conditions (if any) stated thereon. Verbal quotations are subject to written confirmation. Unless otherwise stated all prices quoted by the Seller are nett, exclusive of taxes. Prices quoted are those ruling at the date of issue of quotation and are based on the then current rates of Insurance, customs duties, exchange, sorting and stacking charges, rate of weights, cost of materials and other charges affecting the cost of production.

Any alterations thereto either before acceptance of or during the currency of the contract shall be to the Buyer's account.

8.2 All prices are quoted in Australian Dollars (AUD).

## 9.0 Delivery

9.1 At any time, quotes for delivery and installation are estimates only and the Seller shall not be liable for any loss or damage howsoever arising as a result or consequence of any failure to deliver or install, or in the delay in delivery or installation arising from any circumstances of whatsoever nature which are outside the Seller's control including in particular but without limiting the generality of the foregoing fire, flood, explosion, strike, lock out or other industrial act or dispute or the breakdown of, or accident to plant, unavailability or shortages or raw material, labour, power supplies or transport facilities, or act of God, or any order of direction of any local; State or Federal Government authority of instrumentality.

9.2 The Buyer shall not be relieved of any obligation to accept or pay for Goods by reason of any delay in delivery or despatch. The Seller reserves the right to deliver by instalments, and each instalment shall be deemed to be sold under a separate contract. Failure to deliver any instalment shall not entitle the Buyer to repudiate the contract.

9.3 The Seller will not accept return of Goods unless the return is authorised in writing by the Seller.

9.4 Products specially purchased; manufactured, or to Buyers specifications are not returnable.

## 10.0 Freight

10.1 The Buyer agrees with the Seller that the Seller shall arrange and charge freight and in all such cases a separate contract is deemed to be created in relation to such freight. The Buyer appoints the Seller as its agent for the purpose of arranging such freight and agrees to pay the Seller for freight at the same time as payment is made for the Goods.

10.2 The Buyer agrees to pay the cost of insurance of Goods in transit, or if paid by the Seller agrees to pay the cost immediately on demand by the Seller to the Buyer, or in any event no later than at the same time as payment is made for the Goods.

## 11.0 Packing

Unless otherwise indicated prices include standard cases or packing. If packages are charged for and are returnable, allowance will only be made when they have been received back by the Seller in good condition. The cost of any special packing or packing materials used in relation to the Goods shall be at the Buyer's expense notwithstanding that such cost may have been omitted from any quotation.

## 12.0 Licences

All goods are sold and services performed on the understanding that all licences and permits under all relevant statutes, ordinances, rules and regulations have been obtained by the Buyer and the Buyer will ensure that the installation and use of the Goods meets all statutory requirements.

## 13.0 Patents

The Buyer warrants that any design or instruction furnished to the Seller shall not be such as will cause the Seller to infringe any patent registered design or trademark, design or copyright arising out of the use of the Goods and it is specifically agreed that the Sale and purchase of the Goods does not confer on the Buyer any licence or rights under any patent trademark or copyright the property of the Seller.

## 14.0 Performance and Representations

The Buyer acknowledges that neither the Seller nor any person purporting to act on its behalf has made any representation or given any promise or undertaking which is not expressly set out in the contract whether as to the fitness of the Goods for any particular purpose or any other matter.

## 15.0 Sub-Contracting

The Seller reserves the right to sub-contract the manufacture and/or supply of any part of the goods or on any material or services to be supplied.

## 16.0 Sellers Quotation

Unless previously withdrawn, the Seller's quotation is open to acceptance with the period stated therein or, when no period is so stated within 30 days after its date. The Seller reserves the right to refuse any order based on its quotation within 7 days after receipt of the order.

## 17.0 Loss or Damage in Transit

The Seller shall not be responsible for any loss or damage to Goods in transit. The Seller shall render the Buyer such assistance as may be necessary to press claims on carriers provided the Buyer shall have notified the Seller and the carriers in writing immediately loss or damage is discovered on receipt of goods and shall lodge a claim on the carrier within three days of the date of receipt of the Goods.

## 18.0 Seller's Liability

The Seller's liability for a breach of a condition or warranty express or implied is hereby limited to:

18.1 In the case of Goods, any one or more of the following:

18.1.1 The replacement of the Goods or the supply of equivalent Goods or

18.1.2 The repair of the Goods or

18.1.3 The payment of the cost of replacing the Goods repaired; or

18.2 In the case of services:

18.2.1 The supplying of the services again; or

18.2.2 The payment of the cost of having the services supplied again.

## 19.0 Seller's Custody of Buyers Goods

Any property of the Buyer under the Seller's custody or control shall be entirely at the Buyer's risk regards loss or damage caused to the property or by it.

## 20.0 Storage

The Seller reserves the right to make a reasonable charge for storage, if delivery instructions are not provided by the Buyer within (14) days of a request by the Seller for such information.

## 21.0 Cancellation

No special order may be cancelled except with the consent in writing and on terms which will indemnify the Seller against all losses.

## 22.0 Place of Contract

22.1 The contract of sale of the Goods is made in the State of Victoria and the parties agree to be governed by the laws of that State.

22.2 Each party irrevocably and unconditionally submits to the exclusive jurisdiction of the courts of Victoria and courts of appeal from them, and waives any objection to legal action being brought in those courts on the grounds of venue or inconvenient forum.

## 23.0 Charge

The Buyer hereby charges any property owned by the Buyer whether alone or jointly as a tenant in common or as a joint tenant in favour of the Seller to secure any moneys owing hereunder whether or not the seller has taken or has threatened to take any action against the Buyer or against any Guarantor in respect thereof.

## 24.0 Severance

If any provision of this Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, the provision must be read down so as to give it as much effect as possible. If it is not possible to give the provision any effect at all, it is severed from the Agreement. Any reading down or severance does not affect the validity and enforceability of the remaining provisions in that jurisdiction or the offending provision in any other jurisdiction.

## 25.0 Alteration to Conditions

The Seller may at any time alter its conditions of sale in respect of all transactions. The amended conditions will apply immediately if the Buyer has received notification of the amendments.

## 26.0 Information Disclosure

The Buyer authorizes any credit reporting agency, lending institution or other body to disclose to the Seller financial or otherwise confidential information concerning the Buyer or its Directors or Partners.

E&OE.





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