

Product Guide 20000



Strand
LIGHTING

Strand Lighting

Strand Lighting offers the world's most comprehensive and competitive range of luminaires, dimming equipment, control systems and software to answer the creative needs of lighting designers working in theatre, television, film, themed environments and sophisticated architectural applications.



New York office

History

The Strand Electric Company began operating in 1914 to serve London's theater district. In 1926 Century Lighting opened for business in New York to serve Broadway. Today, Strand Lighting, the union of these two companies, continues as the world's leading name in stage, television, motion picture, and architectural lighting and services.



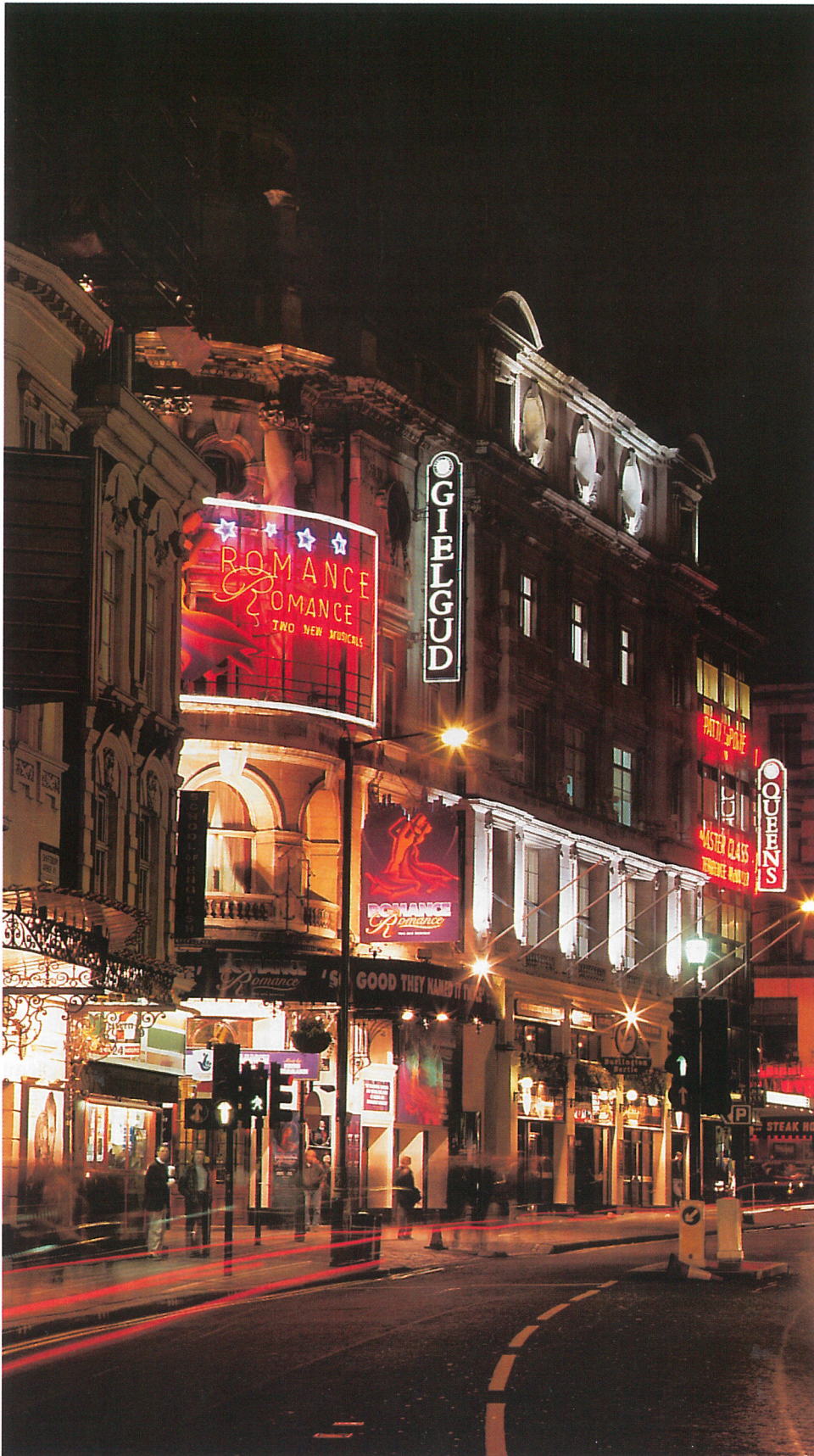
Hong Kong office

Current Operations

Unique in the breadth of its operations, Strand Lighting now serves the world across three geographic regions. The European region, headquartered in the United Kingdom, has offices in Berlin, London, Moscow, Paris, and Rome and serves all of Europe, the Middle East, and Africa. The Americas region has its headquarters in Los Angeles and with offices in New York and Toronto serving the United States, Canada and Latin America. The Asia/Pacific region is supported from Strand Lighting's office in Hong Kong, with regional offices in Kuala Lumpur, Shanghai, and GuanZhou. Each region works closely with its local network of distributors to ensure the most extensive distribution of products and services in the entertainment lighting industry.



Kirkcaldy factory



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500 Series Consoles



- Available with up to 6000 control channels and 2000 attributes
- 8,192 DMX outputs
- 3000 macros provide a wide range of programming options
- Hard disk and floppy disk storage
- ShowNet networking support standard
- Full multi-user multi-console operation with full tracking back up
- Showcontrol systems support up to 200 running fades and 3000 SMPTE time code events

520i Series Memory Console

- 91512 350 channels
- 95981 500 channels

Fast, responsive and intuitive the 500 series control consoles provide exceptional control at your fingertips. Fade times in 1/100ths of a second, thousands of groups, integrated moving light control and your choice of tracking or preset style operating systems delivering control without limitations.

Multi-tasking multi-user operation allows designers to program moving lights on one desk, effects devices on another and static lighting on a third seamlessly. When it's show time, one operator can master all systems from a single go button for the ultimate in control. Peripherals enhance operation with multiple focus remotes, digitizer tablets, remote faders, printers and file servers all combining to make programming and operation fast and efficient.

Control of automated lighting has never been easier with fixture libraries, 750 preset focus groups, and unique features like "Auto-move while dark" programming standard. Offline editors are included with each system allowing users to extend the work day off-site. Off-line Editors support all of the features of the console and your mouse duplicates all of the functionality of the console's motion control section at your fingertips.



530i Series Memory Console

- 91514 800 channels

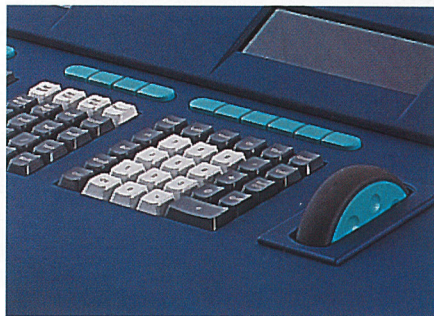
- Motion control is fully implemented in all 500 series consoles using our Intelligent built-in Trackball/Mouse. Genius/Pro or Lightpalette software includes: fixture libraries, preset focus groups and digitizer support.



550i Series Memory Console
 ● 91516 800 channels
 ● 95986 2000 channels



Motion control is fully integrated into all 500 series consoles with a dedicated trackball and rotary encoders to access moving light attributes



Ergonomically organized keypads provide rapid access to all system commands and functions. Context sensitive softkeys provide in depth functionality and are identified with on panel LCD displays

Showcontroller

510i Show Controller/Backup unit is a high capacity show controller or full tracking backup unit for 500 series consoles over a ShowNet network. It comes in a rugged, 4U high, 19" rack mountable enclosure and is fully compatible with 500 series console functionality including Tracker™, CommuniquéPro™, Networker™ and Server™.

Its simple front panel user interface provides advanced show playback using SMPTE timecode, Midi Show Control 48 contact closure inputs or "GO" key playback. Shows can be plotted on a 500 Series console, Off Line PC, or directly on the 510i if a keyboard/ Designer Keypad and monitor(s) are attached: multiple control events can be run in parallel.

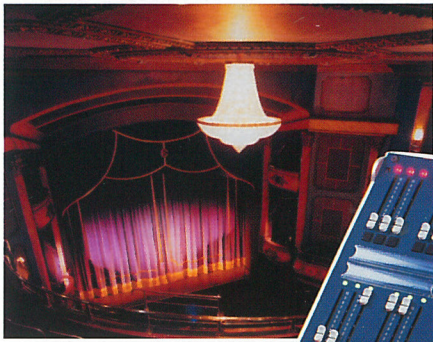
Rack-Mounted Lighting Controller for use in Show Control Systems



510i Series Showcontroller
 ● 95010 600 channels
 ● 91412 800 channels

- Indicates product availability in 120 volts.
- Indicates product availability in 230 volts.

300 Series Consoles



300 Series Manual/Memory Consoles

- 95701 24/48 manual/memory
- 91701 24/48 manual/memory

- 24 submasters are standard on all consoles. Systems may be expanded up to 120 submasters in blocks of 24.
- Shownet Ethernet functionality available on all models.
- Modular construction for fully flexible layout. Modules may be arranged to meet any control room layout or operator requirements.
- Compatible with 500 series consoles.
- Powerful Pentium class processors provide performance and reliability.
- Dual video is available on all models and standard on 400/600 channel desks.

Designed to meet the needs of a wide range of facilities, the 300 series consoles are available in seven formats. Systems beginning with the 24/48 and 48/96 memory manual desks and progressing through the 125 and 250 channel memory consoles are designed for small to medium facilities. Larger venues will appreciate the large 120 submaster console and the 400 and 600 channel memory consoles with integral LCD monitors and full network support as standard features. The features of our powerful 500 Series control consoles have been extended to the 300 Series and all operations are fully compatible. All Strand consoles use the proven Genius Pro/ Lightpalette operating software offering support for Preset or Tracking Style operation for the first time in a small to mid-range console. SMPTE and Midi control may be added through a plug-in card for plug and play operation.

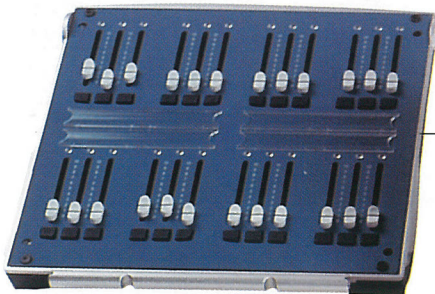
300 Series Memory Consoles

- 95703 125 channels
- 91703 125 channels



Optional Mini Keyboard.
See Peripherals on Page 10.

- Motion control is fully implemented in all 300 series consoles using our Intelligent Trackball/Mouse. Genius Pro/Lightpalette software includes: fixture libraries, preset focus groups and digitizer support.



Fader Module

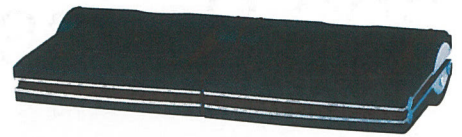
- 66300 Module



- Optional on all models, high-resolution LCD displays are standard on the 400/600 Memory versions



- 300 Series Memory Consoles
- 95705 400 ch., 95706 600 ch.
 - 91705 400 ch., 91706 600 ch.



- All two-tier consoles feature a unique folding design to simplify handling and storage. Touring companies will appreciate the reduced packing space that this feature offers.



- 95707 ● 91707

120 submaster model with 600 control channels will meet the requirements of operators who need extensive "hands on" flexibility.



Keypads are backlit for ease of operation.

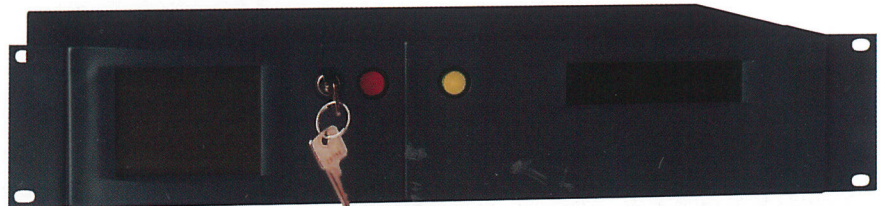


Dual playbacks are standard.

Showcontroller

The 310 Showcontroller completes the 300 series family with a high performance controller for 125-600 channels. All 310 controllers feature SMPTE and Midi Show control and full Strand ShowNet Ethernet compatibility.

Rack-Mounted Lighting Controller for use in Show Control System



310 Series Showcontroller

- 95708 125 channels
- 91708 125 channels

● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Shownet Ethernet Nodes



• 66100
SN100 Network Node
for DMX / Video



• 66103
SN103 Network Node for DMX

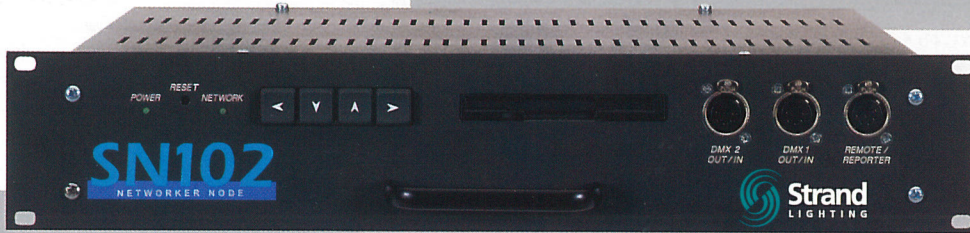
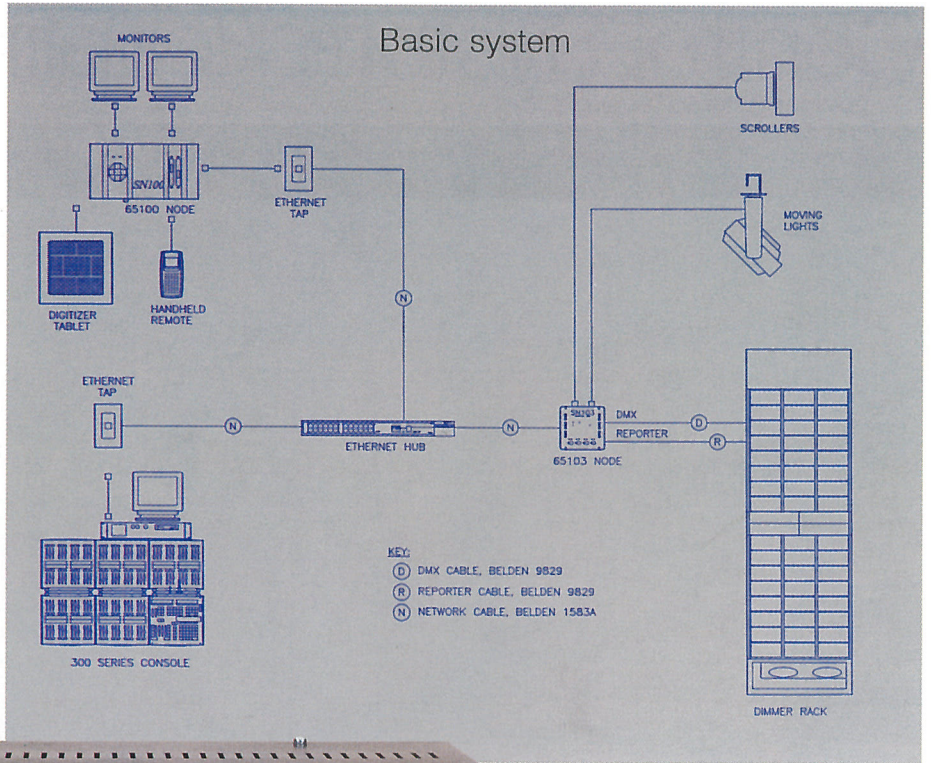
Connectivity. Strand Lighting's ShowNet Ethernet network system has defined the standard for connecting control systems, DMX devices and a host of computer peripherals for entertainment applications. Designed for secure dependable operation from the simplest system using our 300 consoles to sophisticated multi-user applications in the largest theme parks ShowNet delivers unparalleled performance.

ShowNet nodes are the heart of our signal distribution system. SN100 and SN102 full function nodes offer connectivity for remote video displays, digitizer tablets, printers, DMX ports, Handheld remotes and a dozen remote fader inputs providing exceptional flexibility at both the Design table and in any equipment rack application. Stage managers panels can now be

“networked” into the lighting system to show cue sheet displays, electronic access to dimmers for touring systems and “hands on” fader or switch inputs.

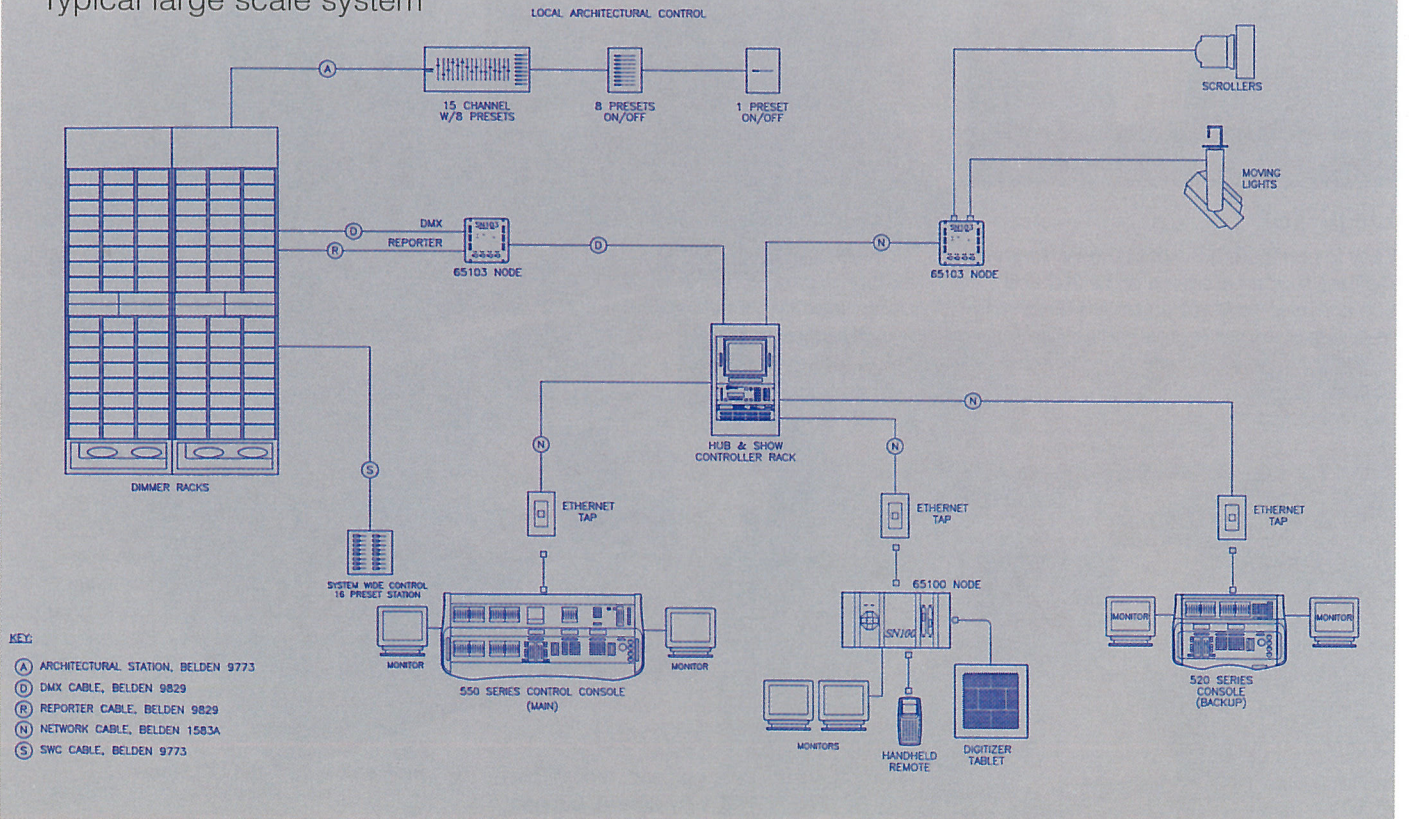
Our workhorse SN103 and SN104 nodes provide 4 DMX I/O connectors, focus remote and dimmer status connectivity and a wide range of patching options when combined with our ShowNet and ShowNet Professional windows based management software. Using ShowNet windows software users can create complex and sophisticated DMX streams that can be completely random and non-linear to allow you to combine the outputs of multiple consoles into a single cable. Connecting desks and nodes are a simple mouse click away with our easy to use software.

- True TCP/IP networking
- File Server Support is standard
- Windows Based ShowNet configuration software is included with all systems
- Wide range of portable, rack and wall mounting nodes are available
- Full support for multi-user – multi console operation
- Remote video
- DMX, Dimmer Status and full Handheld remote operation available on all Nodes



● 66102
SN102 Network Node
Rack Mounted for DMX / Video

Typical large scale system



● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Control System Peripherals

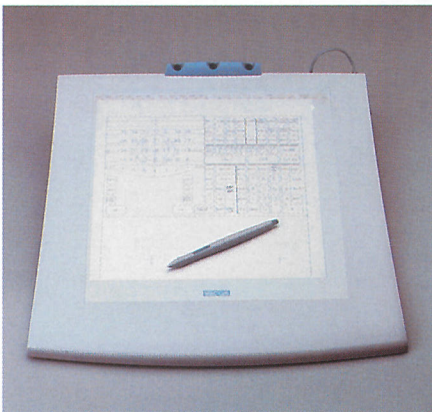
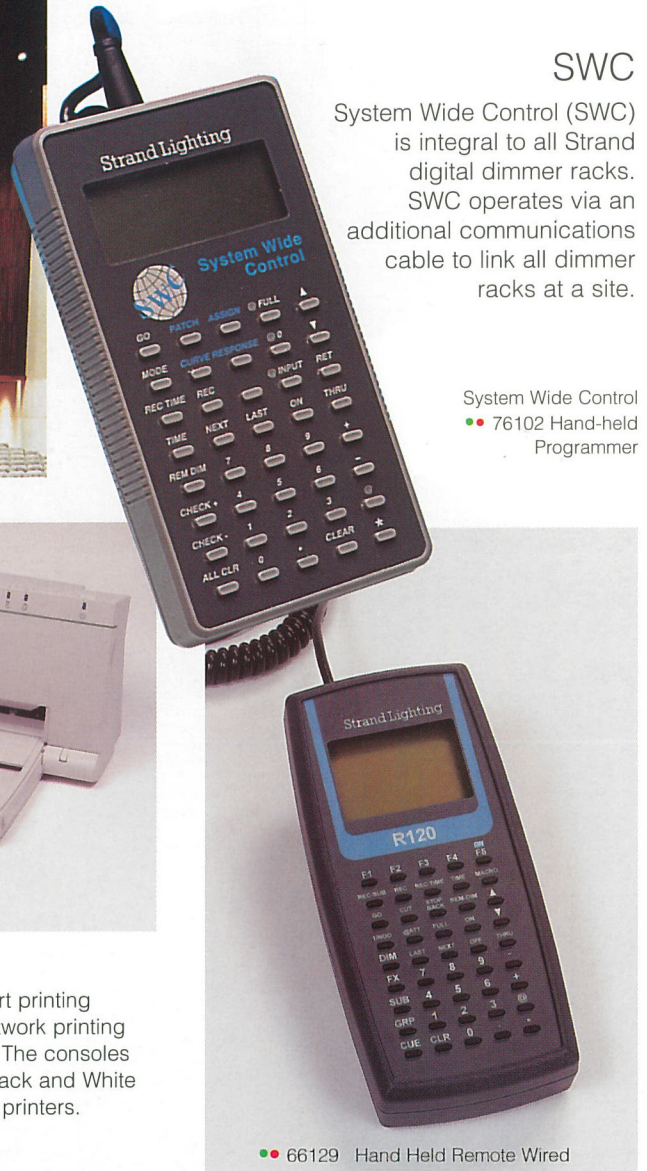


All 300 and 500 series consoles support a wide range of peripheral devices, including industry standard monitors, printers, and pointing devices.

SWC

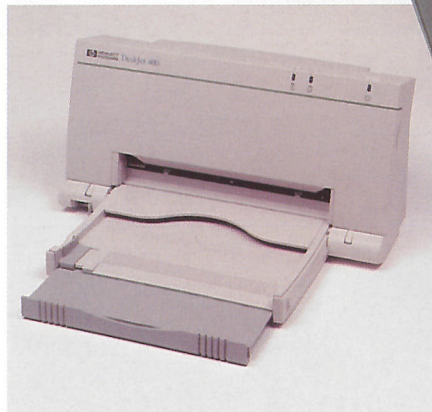
System Wide Control (SWC) is integral to all Strand digital dimmer racks. SWC operates via an additional communications cable to link all dimmer racks at a site.

System Wide Control
 ● 76102 Hand-held Programmer



Digitizer

Easy to configure and set up, the extensive digitizer support available on all 300 and 500 consoles provides an added dimension to programming both standard and automated lighting. All console functions may be accessed through the systems macro programming.



Printers

All consoles and PCs support printing through a parallel port or network printing using Networker™ software. The consoles and PCs support Color or Black and White InkJet, Dot matrix, and laser printers.



Mini Keyboard

Optional mini ASCII keyboard for text input on all consoles. The Mini Keyboard is designed to fit on the console control surface for ready access.



Designer's Keypad

Unit features display, numeric, record, playback and editing keys by default, but can be customized to execute any key available from the main console.

Hand Held Remotes

Provides remote control of 500 and 300 Series console functions over an RS 232 wire link. Supplied complete with 10ft coiled cable with 6 pin XLR connector. Controls channels, dimmers, cues, groups, submasters and fade times. Designed for use in dark spaces, the units feature 8 x 26 line back lit LCD displays and are available with a backlit keypad. Below the LCD display, in addition to the other control keys, are 5 soft keys with LCD labels.

Manual Control Desks

Designed for users who need simple portable control consoles the MX and LX series consoles provide easy to use manual preset control. The analog LX controls are ideal for use with Act 6 and CD80 pack dimmers while the MX with its range of DMX, AMX and D54 control protocols may be used with all Strand dimmer systems.

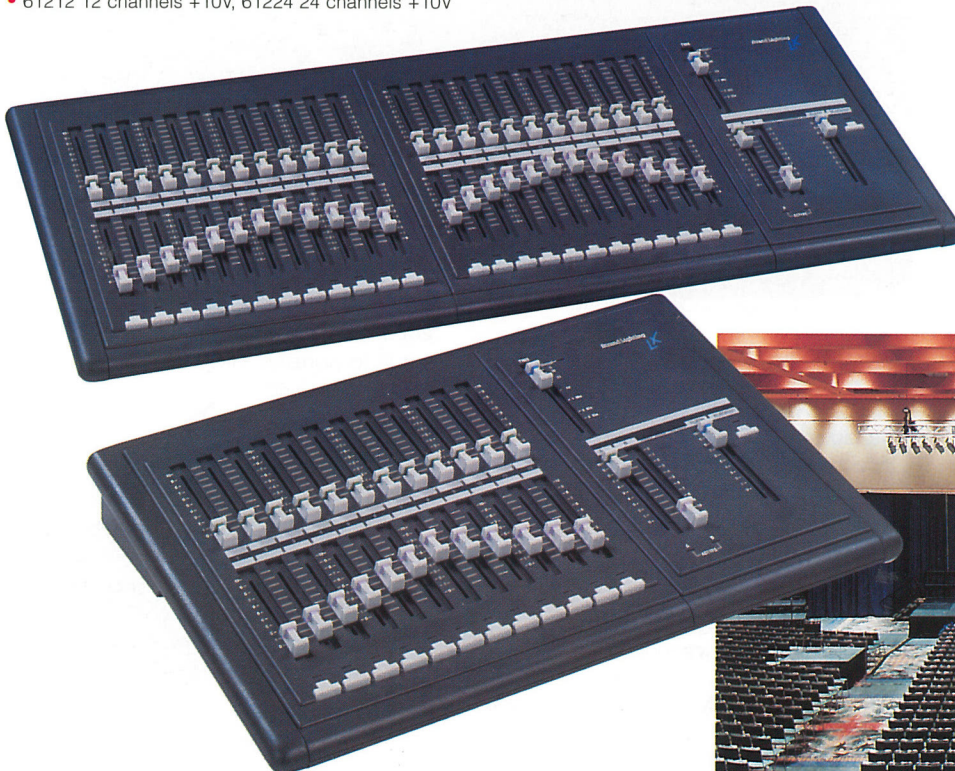


MX Series Control Desks

- 64113 12 channels, 64125 24 channels
- 64112 12 channels, 64124 24 channels

LX Manual Control Desks

- 61213 12 channels, 61225 24 channels
- 61212 12 channels +10V, 61224 24 channels +10V



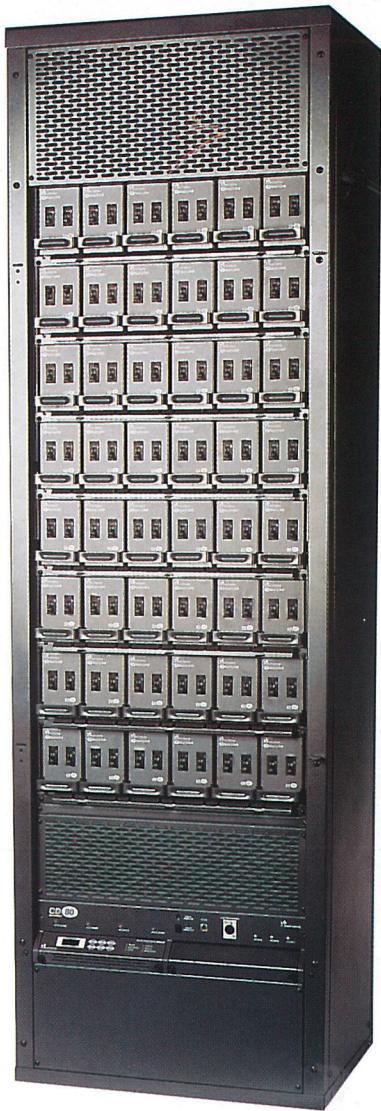
- Ideal for smaller venues
- Lightweight and Portable
- Submasters standard on MX
- Electronic patching available on MX
- Two scene preset operation
- Timed crossfaders
- Grand Master
- Flash buttons



● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

CD80 Supervisor Dimming Racks



The CD80 series dimmer racks are among the most widely used dimmers in the world. Dimmer racks feature high performance digital electronics and dimmer modules with capacities from 15 to 100 amps. Simple to install and easy to configure, CD80 systems are suitable for use in a wide range of environments.

Available in two rack sizes, CD80 systems will accommodate 24 or 48 modules and up to 96 dimmers per rack.



COMMON FEATURES CD80 AND EC90 SUPERVISOR DIMMER RACKS

- Standard, high and very high filter choke rise times
- Hard firing option to run transformer, cold cathode and low wattage loads
- Contactor module options to switch motors, HMI ballasts and other non-dimmable equipment
- System wide configuration and load reporting with Strand 500 series consoles or PC using the Reporter™ Windows™ based software program
- All power modules available in standard format or with Reporter™ load status reporting
- Dual electronics processor option for full redundant tracking backup
- "Panic" function, to bring selected dimmers to full if processor fails, and can be actuated manually or automatically (e.g., by a fire alarm system)
- Smooth 16 bit digital fade processing
- Modular plug-in design for complete flexibility
- Reporting modules allow Load Cable Compensation and advanced control and monitoring of status
- Library of 6 fixed and 5 downloadable dimmer curves per dimmer
- Two opto isolated DMX inputs per rack with individual patches
- Up to 32 analogue $\pm 10V$ inputs per rack patchable to any dimmer
- Direct circuit and preset control from SWC programmer with special rig check function
- 16 room or zone controls each with 8 presets using Outlook stations for auditorium, front of house and other zone lighting control

CD80 Supervisor Dimmer Rack
 • 74361 CD80SV 48 Module Rack

CD80 DIMMER MODULES

- Dimmer and Non-Dim modules may be Standard or Reporter types
- Capable of "hot patching" cold incandescent loads up to full rated capacity
- Dimmer power efficiency at least 97% at full load
- No-load loss of 3V RMS for standard dimmers
- Modules are keyed so that dimmers of different capacities cannot be interchanged
- Circuit breakers fully magnetic with 10,000 AIC surge rating
- Circuit breakers rated for 100% switching duty applications
- SSR optically isolated between AC and control lines to 2,500V RMS



CD80 Dimmer Modules
 • 7236X 2.4kW Dual Module
 • 7237X 6kW Dimmer Module
 • 7237X 12kW Dimmer Module

NOTE: CD80 systems are available for 230V installations outside of Europe.

EC90 Supervisor Dimming Racks



EC90 is a high specification digital dimming system incorporating advanced electronics and features within a flexible modular design to meet the most demanding requirements. Racks can be configured to meet individual customer specifications or can be ordered with a range of standard dimmer configurations.

Standard configurations of EC90 racks are available in two sizes with 36 dual 3kW, 18 dual 3kW, 36 single 6kW or 18 single 6kW modules of either standard specification or high specification and with or without Reporting option.

See COMMON FEATURES on page 12 for details on the EC90.

EC90 Supervisor
Dimmer Rack
● 74462 EC90SV 72x3kW

● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Dimming Systems



Strand Lighting's family of portable and touring racks offer rugged dependability and have a hard won reputation for performance under the most adverse conditions. From the sound stages of Hollywood to schools across the world we have systems available to meet a wide range of needs.

CD80 Touring Racks

CD80 touring racks are available for 120 volt installations and are offered with 20 amp, 50 amp and 100 amp dimmers. Systems are available with a wide range of output connector options and 20 amp racks feature load patching. Main breakers and a selection of power input options are available on all racks.



CD80 Rolling Rack
 • 75056 2.4 kW

CD80 Portable Packs

CD80 portable dimmer packs are available for 120 volt systems and have offered solid reliability to users for over 10 years with thousands of systems in use. All versions come in the same enclosure size to permit stacking. All portable units are provided with camlock power inputs and a variety of output connectors. Wall mount versions are also available.

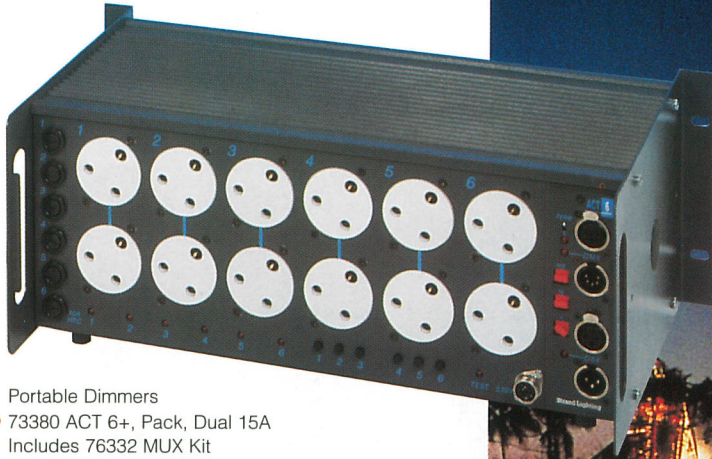
- Rugged dimmer packs with digital control
- Full range of capacities: 12-2.4kW, 24-2.4kW, 6-6kW or 6-12kW
- Plug-in digital command module
- Multiple protocols – automatically selects for DMX 512 and AMX 192 with active protocol LED display
- Overlapping simultaneous 0 to +10V analog control output
- Illuminated push buttons for local control (full/normal) plus 'panic' feature for instant on
- Input and output XLR connectors for daisy chaining packs
- Entire pack UL and CSA approved as an assembly and appropriately labeled
- Simple change from single phase 3 wire to three phase 4 wire on most models
- Toroidal chokes for high-quality filtering
- Full range of output connectors: stage pin, twistlocks, parallel blade, and multi-pin socapex or terminal strip output for permanent installations.



Portable Dimmers
 • 73205 CD80 2.4 kW Pack 12 Dimmers



All CD80 packs feature digital control electronics that support both AMX and DMX operation. On/off bypass switches simplify set-up and focusing.



Portable Dimmers
 • 73380 ACT 6+, Pack, Dual 15A
 Includes 76332 MUX Kit

Act 6 Plus Dimmer Packs

Act 6 dimmer packs are now available with digital control inputs and can be wall or rack mounted. Used in 230/240 installations across the world they provide the kind of rugged performance users have come to expect from Strand Lighting.



Portable Dimmers
 • 73388 ACT 6, 6x10A Dual C17
 • 73382 ACT 6, 6x10A Dual Schuko
 Includes 76332 MUX Kit

Compact dimmer pack with six 10A 230V dimmers controlled by 0V to 10V analogue signal (plus/minus autosensing) per dimmer or DMX 512 multiplex signals. Nine internal effects, each with nine fade times, together with eight recordable scenes may be assigned to any of the six dimmer channels. All versions accept three phase power, and include linking straps for single phase use.

- Six 10A 230V dimmers in a rugged, portable economical pack
- Ideal for temporary lighting rigs, or small installations
- Optional dual output sockets
- Analogue input accepts positive or negative control signals
- Optional plug-in DMX module gives multiplex control capability and integral chase effects feature (76332)
- Push-button test switch and "test on" indicator on dimmer
- Fuse "OK" LED indicator per dimmer
- Provision for wall mounting or 19" rack mounting

● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Wall Mounted Dimming Systems



Designed for small spaces, the wall-mounting LD90 and DE90 dimming systems offer a wide range of features including 99 System Wide Control Presets, Outlook Architectural controls, 24 analog inputs and DMX control. Systems support up to 24 dimmers.

LD90

- Available with 2.5kw or 5.5kw dimmers
- RCD and Neutral Disconnect breaker options
- Silent fan free operation
- Available with Delta wiring for shipboard use

Dimmer Racks

- 74102 LD90, Rack, 24x2.5 kW

COMMON FEATURES LD90/DE90

- Ideal for use in architectural applications
LD90 and DE90 provide support for up to 16 rooms of Outlook control, analog inputs for Micro-control stations and DMX inputs for Premiere systems or theatrical consoles
- System fade profiles allow users to define fade curves to meet the most demanding applications
- Both LD90 and DE90 use the same processor



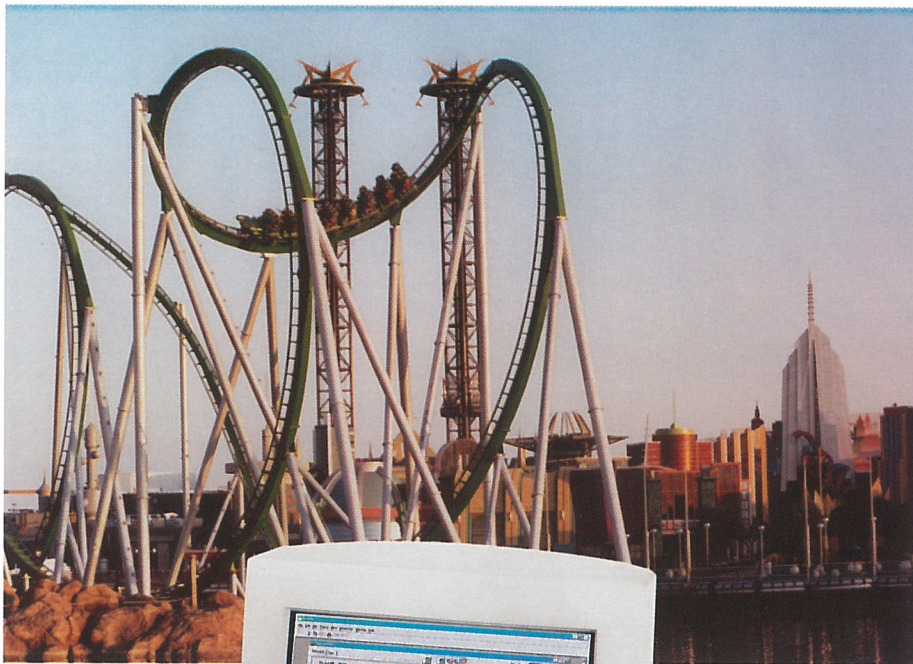
- Architectural Dimmers
- 74011 DE90 Small Rack



DE90 – Digital Environ

- Available in two enclosure sizes for 6 and 12 modules with up to 24 dimmers in an enclosure
- Quad 15 amp, Dual 20 amp and Single 50 amp modules are standard. Modules may be used with a wide range of loads and contactor modules are also available
- Modules may be mixed and matched within a system
- Branch breakers are available on all 20 and 50 amp dimmers

Facility Management System

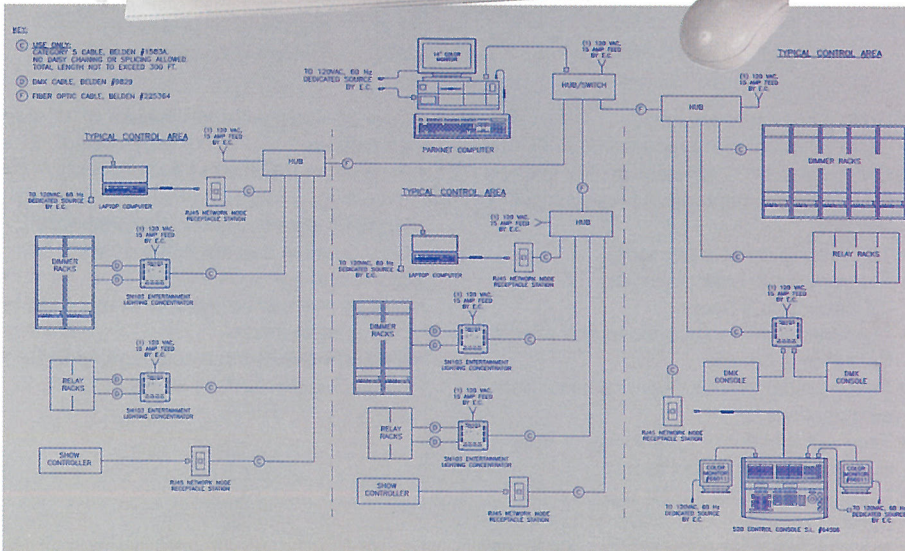


ParkNet

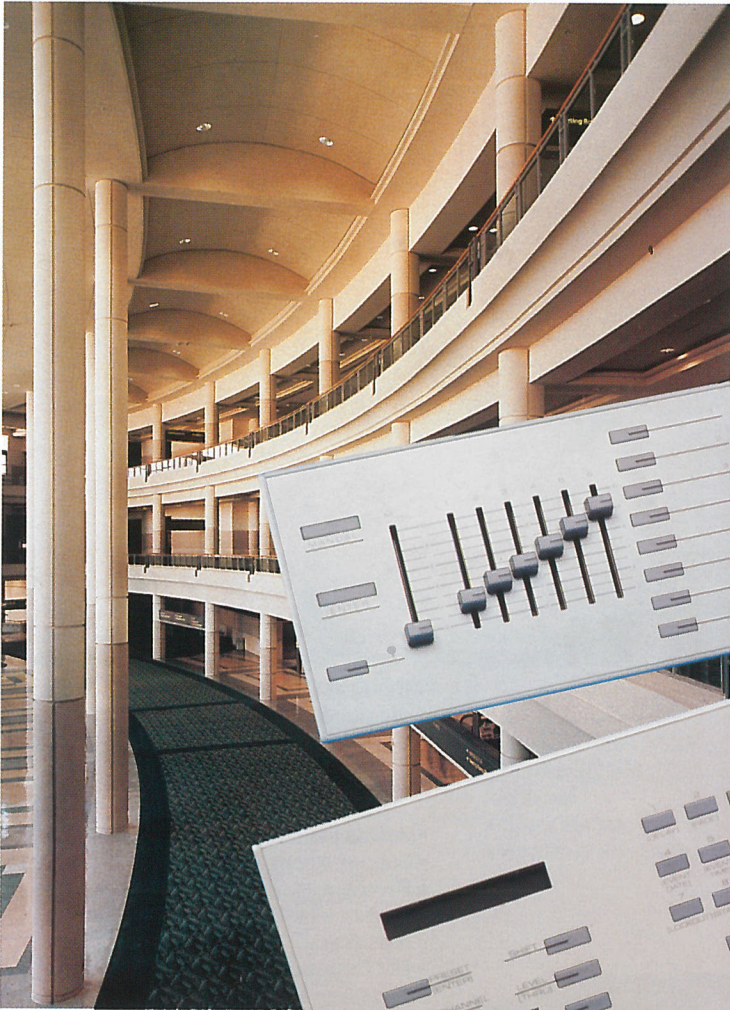
Designed for the largest applications ParkNet combines with our ShowNet Ethernet system to manage large scale multi-environment systems for Convention complexes and Theme Parks. With the capacity to control and manage systems of up to 18,000 devices, ParkNet is truly scalable. ParkNet systems offer a Windows based graphical user interface for point and click selection of rooms and venues giving quick and direct access to all lighting within a facility. The system's powerful event scheduler offers 365 day programming with sunrise and sunset time offsets and manual override of all system functions.

ParkNet also offers full remote system configuration of dimmer racks and ShowNet DMX patching and routing for lighting controllers of all types. Advanced ShowNet management systems include custom DMX streams and priority patching.

- Simple to use Windows interface
- Support for up to 18,000 DMX devices
- Remote system management and diagnostics with full dimmer/relay status reporting
- DMX signal routing
- Remote preset creation, editing and execution
- Panic inputs
- Multi-user operation with full system security and user authorization levels
- Point and click access to all systems using graphical user interface
- Full event scheduling
- Redundant back up and synchronization available



Premiere Control System



Our leading Architectural control system Premiere combines power with an easy to operate user interface to create a fully scalable architectural control system for users with a wide range of needs. All controls within a Premiere system are fully programmable with a wide range of commands allowing users to create systems that exactly meet their needs

Catalog numbers (clockwise from top left unit):

- 62806 Premiere slider preset station
- 62116 Premiere 16 pushbutton station
- 62104 Premiere 4 pushbutton station
- 62520 Premiere receptacle station
- 62300 Premiere LCD command station

Premiere when combined with Premiere Network Manager offers facility wide management, control and event scheduling within its Windows operating system. Lighting can be adjusted, schedules changed and controls enabled and disabled at the touch of mouse button allowing system managers to support all levels of users. Lighting Designers can use Network Manager on a notebook computer to program systems simply and easily.

Whether your system requires a simple slider station or hundreds of presets Premiere can provide the kind of flexibility to meet the needs of any installation.

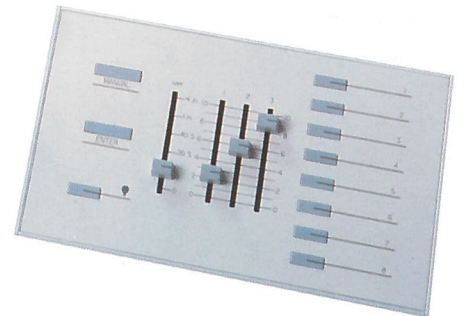
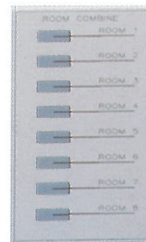
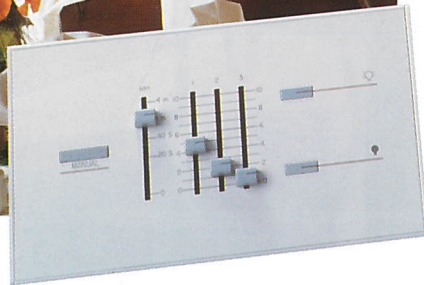
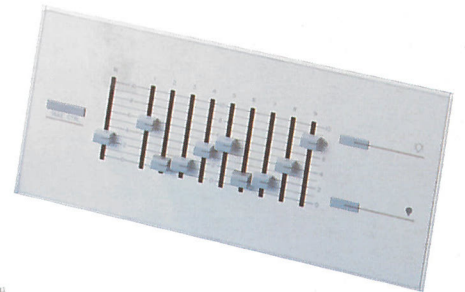
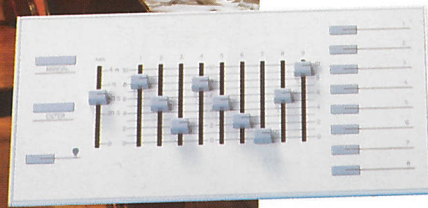
- Up to 128 control channels
- Up to 32 rooms per processor
- Choice of over 30 different control stations
- Up to 512 dimmers with comprehensive patching
- 128 lighting presets per room
- Programmable fade times from 0.1 second to 9 hours
- Automatic lighting sequences and effects for dynamic lighting
- Astronomical time clock with sunrise and sunset offset
- Time clock event programming for up to 600 single or repeated events
- Configuration software for use on a personal computer
- Network Manager software for centralized control from a personal computer

- Over 30 assignable pushbutton commands
- Programmable macro functions for executing multiple commands
- Up to 64 control stations per processor
- Configuration and library storage via 3.5" disk drive
- Battery maintained memory in the event of power interruption
- Multiplex output for secure high speed communications

Outlook Wall Stations



The Outlook family of architectural controls provide a powerful standard feature set designed for a wide range of applications from Restaurants to Convention Centers. Outlook controls feature both slider and preset control integrated into control stations that match our Premiere systems to provide a coordinated look across a facility. Outlook is available for use with all CD80, EC90, DE90, and LD90 dimming systems and operates directly off of the dimmer rack processor. Outlook fully integrates with our ParkNet facility management system.



- Up to 16 System Rooms
- 15 Channels per room
- 8 Presets plus off with Time fade on all presets
- Stations available with sliders or Slider and Preset Combinations
- Preset recall stations have 2,4 or 8 presets
- Room Combine stations for up to eight rooms
- AV interface stations provide a wide range of contact closure interfaces

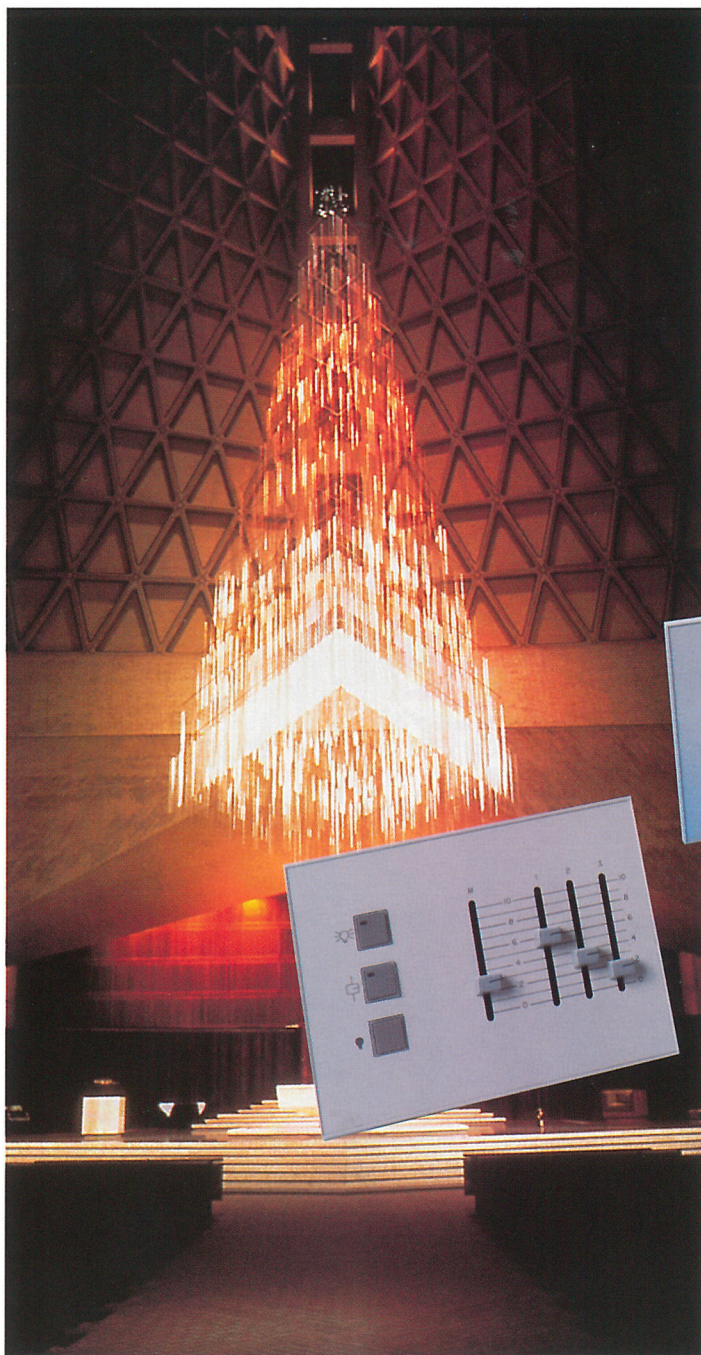
Catalog numbers (clockwise from top left unit):

- 63009 master station with 9 channels
- 63109 slider station with 9 channels
- 63003 master station with 3 channels
- 63028 8 preset station
- 63103 slider station with 3 channels

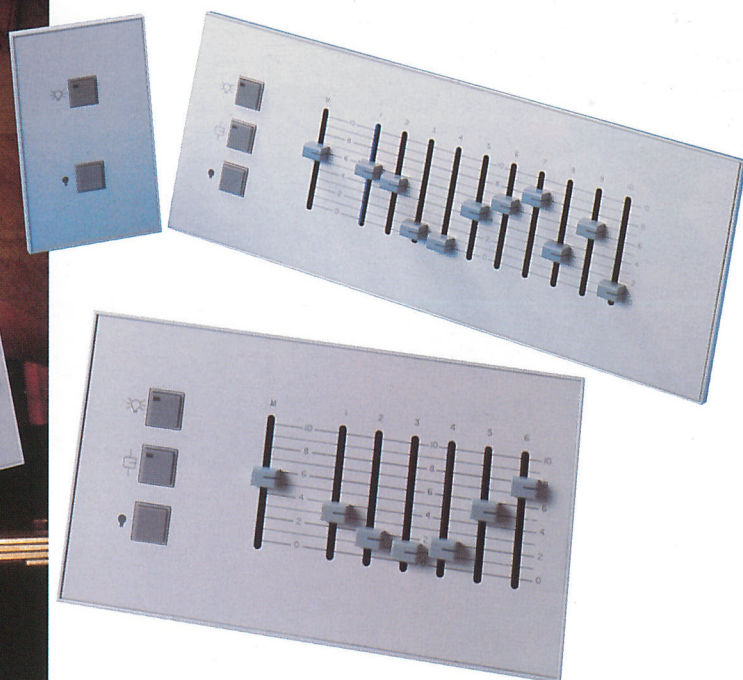
● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Microcontrol Wall Stations



The Microcontrol series controls stations provide simple manual control for use wherever simple direct control of lighting is required. Microcontrol is available for use with all CD80, EC90, DE90, and LD90 dimming systems and operates directly off of the dimmer rack processor.



- Standard slider control
- On-Dim-Off pushbuttons provide direct action and take control operation
- Multiple control stations may be linked
- Entrance stations available

Catalog numbers (clockwise from top left unit):

- 61020 Entry station on/off
- 61009 9 channel station
- 61006 6 channel station
- 61003 3 channel station

SL Architectural Lighting



Designed for use in a wide range of lighting applications, Architectural SL spotlights are ideal for both mixed day-light and standard environments. Lamps are available to match warm tungsten or cooler daylight and may be used with conventional incandescent and metal halide luminaires. All lamps feature high colour rendering indexes for true colour reproduction.



SL Architectural Zoom Series
 • 11710/G 15°/32°-230V/240V



- Available in a wide range of fixed and variable focus beam angles, there are two zoom focus and four fixed angle models to choose from
- The fully rotating body offers exceptional focus flexibility
- Two accessory slots allow for pattern holders, gobo rotators and drop in iris units
- Available in white, black and silver gray standard
- 8000 hour lamp life
- Available with 3000K or 4200K CDM metal halide lamps

SL Architectural Series
 • 11629/W 19°-150W



SL Architectural Series
 • 11620/G 19°-230V/240V

Our family of Architectural SL luminaires utilizing CDM lamps brings the power and control of theatrical luminaires to a wide range of applications that require clean bright, controlled light with exceptional lamp life. Sharp shutter cuts, brilliant patterns and a wide focus range are fully integrated into our SL architectural luminaires.



SL Architectural Zoom Series
 • 11719/W 15°/32°-150W

• Indicates product availability in 120 volts.

• Indicates product availability in 230 volts.

SL Coolbeam Spotlights



Our new SL series spotlights are the result of months of intensive design feedback from our customers. Working closely with designers, electricians, and rental shops across the world, our engineers have created a family of lights to meet the needs of a broad spectrum of users. Designed to meet the requirements of today's tightly focused rigs, these compact lights are Smaller, Brighter, and Better than any other range of spotlights.

- High efficiency dichroic coated glass reflector takes most of the heat away from the light beam for longer gel, shutter and gobo life
- Aspheric computer-designed lenses for accurate focus across the entire beam
- Special lens coating for optimum performance
- Color-coded lenses for easy replacement
- Fast lamp centering that won't move in transit
- Bayonet action lamp changing system for simple lamp replacement without affecting field setting
- Off-centre pivot point simplifies close hanging
- Adjustable yoke with two mounting positions for optimised hanging and balance
- Large rear handle for easy positioning
- Compact size allows more lights in tight hanging positions
- Wide gate will fit drop-in iris, standard or rotating gobo holder
- Common lamp house with easily interchangeable lens tubes
- Dual colour runners with integral safety catches and space for glass colour filters
- All luminaires are CE, UL, and cUL listed

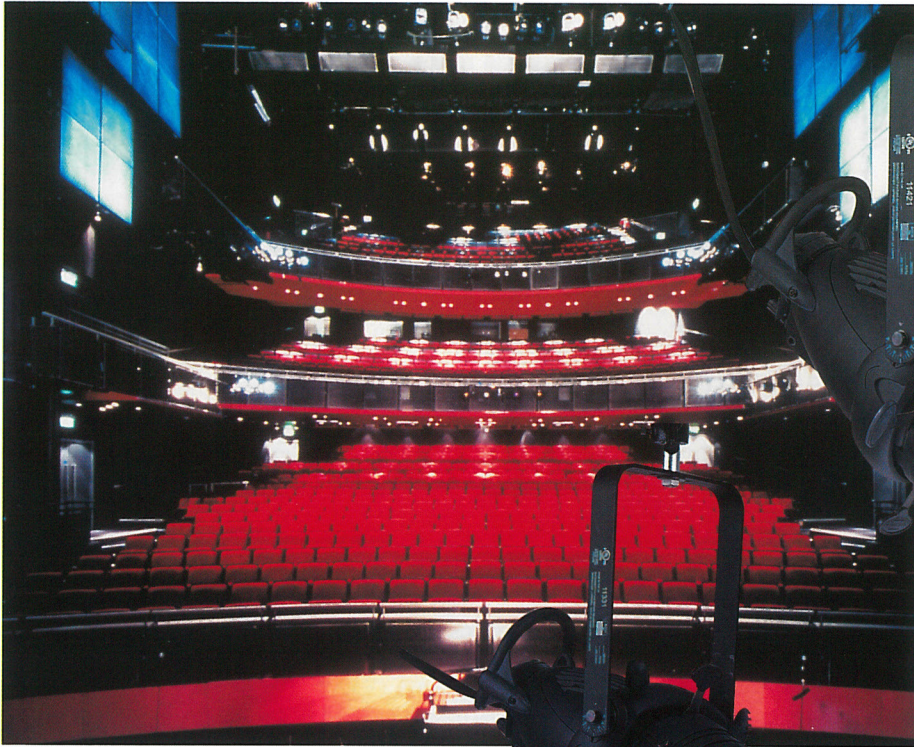
SL19° Coolbeam Spotlights
 ● 11321 19° 120V, 575W
 ● 11320 19° 230V/240V, 575W



Off center pivot point combines with full body rotation for both standard and close hanging in side lighting positions.



Large focus knobs provide precise focus control.



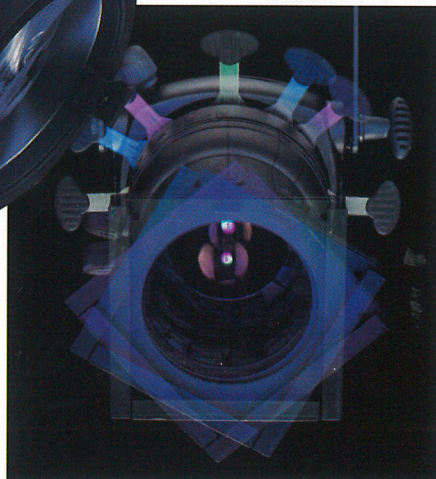
SL Zoom Coolbeam Spotlights
 ● 11421 23°/50° 120V, 575W
 ● 11420 23°/50° 230V/240V, 575W



SL 5° Coolbeam Spotlight
 ● 11301 120V, 575W
 ● 11300 230V/240V, 575W

SL10° Coolbeam Spotlight
 ● 11311 120V, 575W
 ● 11310 230V/240V, 575W

- FULL 360° ROTATION**
- Unique to the SL Series spotlights
 - Rapid and accurate focusing for any shutter or gobo position



A large rear handle is provided to make lamp positioning easy.

- Indicates product availability in 120 volts.
- Indicates product availability in 230 volts.

Quartet

Fresnels, PC Spots and Profile Spots



Developed for use in a wide range of facilities, the Quartet and Alto families of Profiles, Fresnels and PCs provide performance and value. Designed around a common lamp housing and lamp family, these compact luminaires are easy to use and maintain.

- Easy to use
- All models accept up to 650 watt lamps
 - High quality optical design
 - Smooth focus
- Four Models:
 - Quartet F
 - Quartet PC
 - Quartet 15/25- zoom profile
 - Quartet 22/40 zoom profile

Quartet PC/F

- 11170 Quartet PC, 650W lamp, 15A plug
- 11160 Quartet F, 650W lamp, Schuko Plug



Quartet PC ZOOM

- 11190 22°/40°, 650W
- 11180 15°/25°, 650W

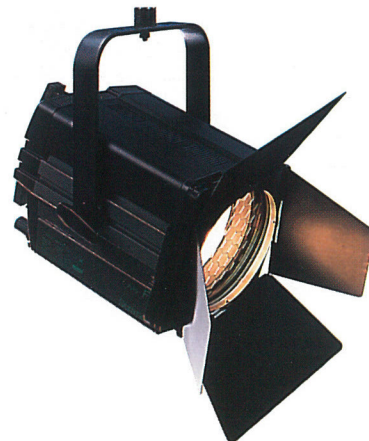
Alto

Fresnels and PC Spots

- High output, high specification spotlights for larger venues and opera houses
- Mk2 Fresnel and PC Spot with improved optics and extended filter life
- Lightweight but robust housing finished in two tone black/grey
- Automatic power disconnection for safe lamp exchange



•12210 Alto PC (Prism-Convex)

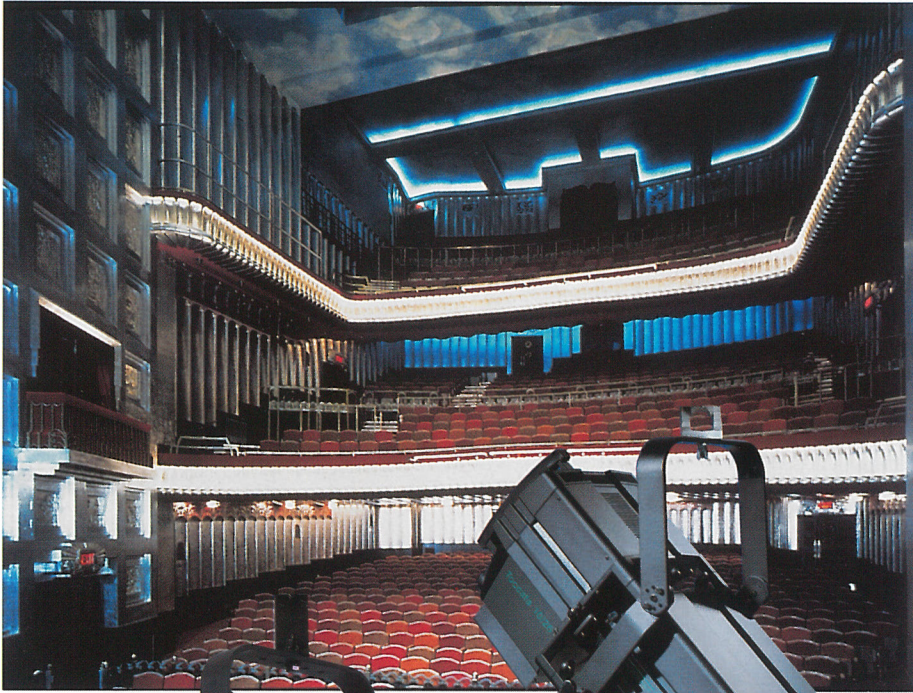


•12200 Alto F (Fresnel)

Toccata

Long Throw Profile Spots

Clear, sharp white fields of light are the hallmark of the Toccata profile spotlights. Their high performance optical systems combined with 2000 watt lamps make Toccata the choice for long throw and pattern projection applications.



• 12160 Toccata Profile Spots 15/38

- High performance coated optics
- New three plane gate design for optimum shutter control
- Two variable beam angles
- Condenser lens system for bright flat field
- Two zoom ranges (10°/26° and 15°/38°) for long and medium throw applications

• 12150 Toccata Profile Spot 10/26

Pirouette

Automated Spotlights

Supplied with interchangeable PC and Fresnel lenses the Pirouette automated spotlight combines high light output with precision focusing to answer a wide range of production problems. Featuring 16 bit resolution, all units will focus accurately within 0.3 degrees throughout the operating range. Designed to make the most effective use of tightly packed rigs or hard to access locations, this powerful 2000 watt spotlight provides unparalleled flexibility.

- Exceptional movement range with 370 degrees horizontal rotation and 270 degrees of tilt adjustment
- Beam spread is adjustable from 4 to 58 degrees
- Full support for 16 bit position accuracy
- Designed to accept any DMX scroller
- Set up and diagnostic access is readily available on the luminaire yoke

• 17502 Pirouette Single Unit



Pirouette needs to be planned as a complete installation with data distribution boxes and data/power cabling. Please consult your Strand distributor for assistance.

• Indicates product availability in 120 volts.

• Indicates product availability in 230 volts.

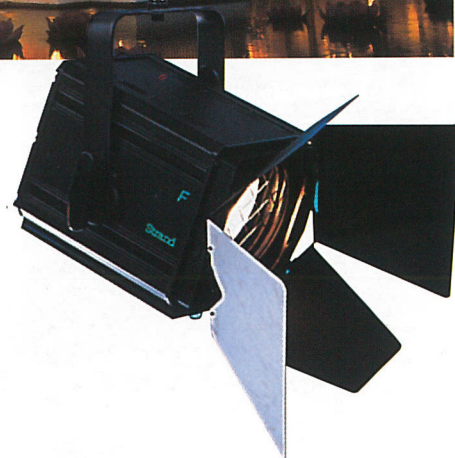
Cantata

Fresnels, PC Spots

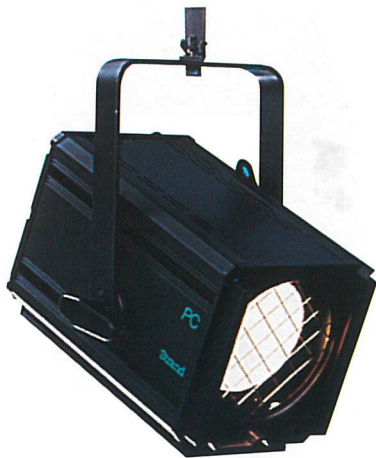


Fresnel and PC Features

- Models available with PC or Fresnel Lenses
- Units accept a range of lamps
- Simple to maintain
- Wide focus range for flexible operation



•12030 Cantata F (Fresnel)



•12040 Cantata PC (Prism-Convex)

Fresnels, PC spots and Cyclorama lighting units are the basic building blocks for any entertainment lighting plot and the choice of lighting designers everywhere. Designed to provide years of high performance and service, the complete range of Strand Luminaires are easy to maintain and operate. Whether you need a powerful set light, a colour wash, or a great backlight, this range will provide the right tool for any application.

Fresnelite

6" and 8"

Fresnels

500W/1000W, 1000W/2000W



Fresnelite 6"

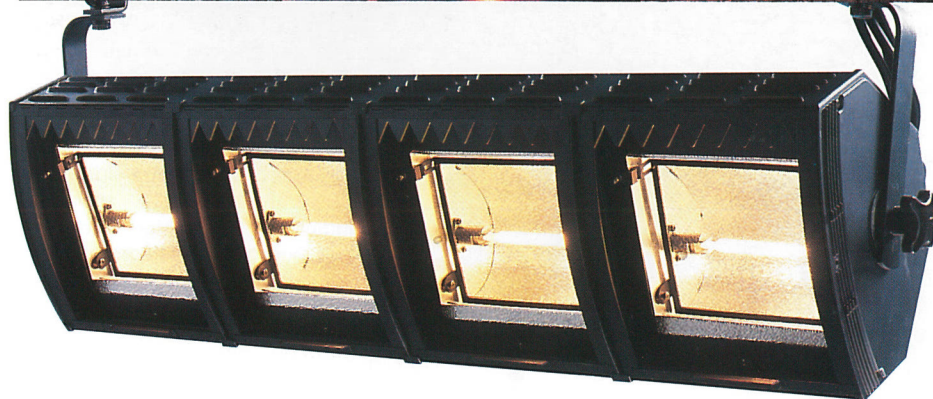
- 12081 1000W 120V Theatre
- 12091 1000W 120V TV



Fresnelite 8"

- 12181 2000W 120V Theatre
- 12191 2000W 120V TV

Coda Cyclight



Coda
 ● 14040 500W 4 Unit 240V
 ● 14141 500W 4 Unit 120V

Nocturne Floodlights 500W/1000W



Nocturne
 ● 14100 500W 240V



Nocturne
 ● 14110 1000W 240V

Cyclorama, Coda and Nocturne

- Smooth even field
- Available in 500 or 1000 watt versions
- Coda units may be used as top or bottom lighting units
- All Coda units are CE, UL, and cUL listed



Coda
 ● 14020 500W Single Unit
 ● 14021 500W Single Unit

● Indicates product availability in 120 volts.

● Indicates product availability in 230 volts.

Iris

Cyclight 625W-1250W/1000W-1500W



Iris 1 Cyclight

- 26080 Single Pole Operated (Tilt Only) Cyclight
- 26081 Single Pole Operated (Tilt Only) Cyclight

Smooth and seamless light is required for cyclorama lighting and our Iris and Orion luminaires provide exceptional performance. Available in a wide range of combinations from single cell units up to 4 circuit 4 colour models, Iris cyclights may be used for the tallest back drops providing smooth even illumination. The matching Orion ground row units are rugged and easy to set up and accept lamps up to 1000/1250 watts.

IRIS

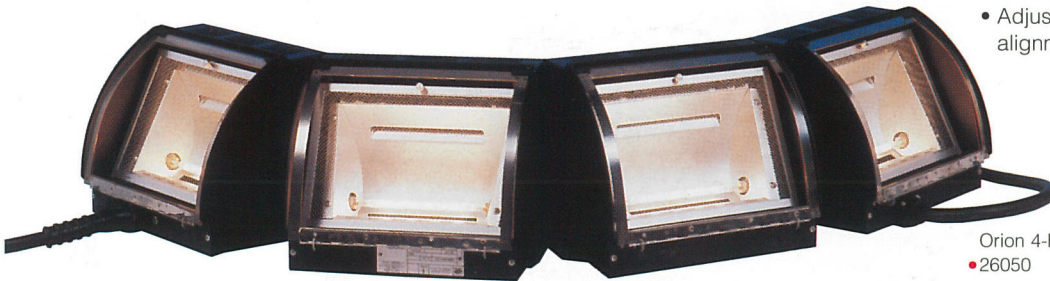
- Iris units accept lamps up to 1250/1500 watts
- Units may be ordered up to 4 circuits
- Ventilated for optimum colour filter life

ORION

- Available in rigid and single unit models
- Single units may be interlocked to form multi-colour systems
- Adjustable front foot for easy focus and alignment on all models

Orion

Groundrow 625W-1250W/1000W



Orion 4-Hinged Groundrow
● 26050 625W or 1250W

Arturo

Studio Soft Lights

625W-5000W/1000W-6000W

Available in three sizes from 1000 to 6000 watts the Arturo softlights provide smooth shadowless fill lighting. The asymmetric beam distribution on all models is designed to provide constant illumination as a subject approaches the source.

- Lamp switching changes intensity without changing colour temperature
- Eggcrate accessories provide beam control
- Hinged lamp access for easy lamp changes

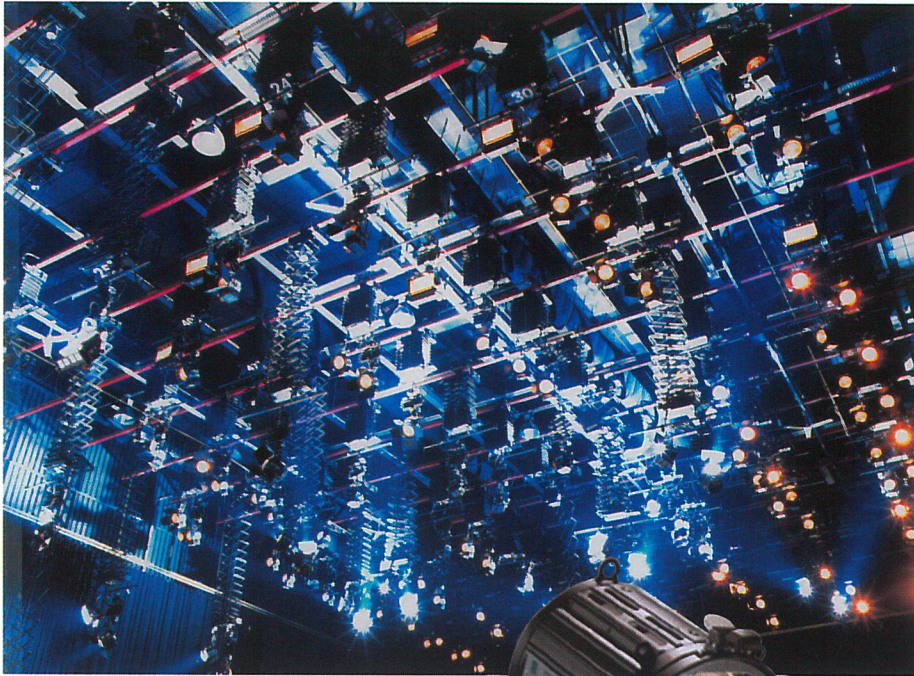


Arturo Manual Operation

- 26540 2.5/5kW Tungsten Halogen Softlight
- 26541 4/6kW Tungsten Halogen Softlight

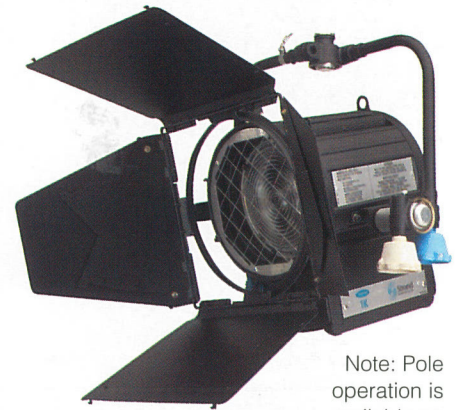
Studio Fresnels

1000W/2000W/5000W Quartz Halogen



Strand Quartzcolor's STUDIO Fresnels were developed specifically for use in Film and Television applications. The unique features of the range are designed to meet the most demanding criteria of cinematographers, directors of photography, gaffers, and lighting directors. Designed to work with the popular Bambino range the Studio Fresnels are easy to maintain and share a common range of parts and accessories.

- Available in manual and pole operated versions
- Improved light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant for longer life, stainless steel and die cast aluminum
- Bonding eyes and rigging hooks on larger units
- Front and rear focusing on larger units
- New worm drive mechanism for precise focusing
- New focus system, easy to adapt from manual to pole operation and maintenance free
- All Studio Fresnels are CE, UL and cUL listed for world wide use



Note: Pole operation is available on all models.



STUDIO 1kW

- 27250 Studio Manual Operation
- 27251 Studio Manual Operation



STUDIO 2kW

- 27260 Studio Manual Operation
- 27261 Studio Manual Operation



STUDIO 5kW

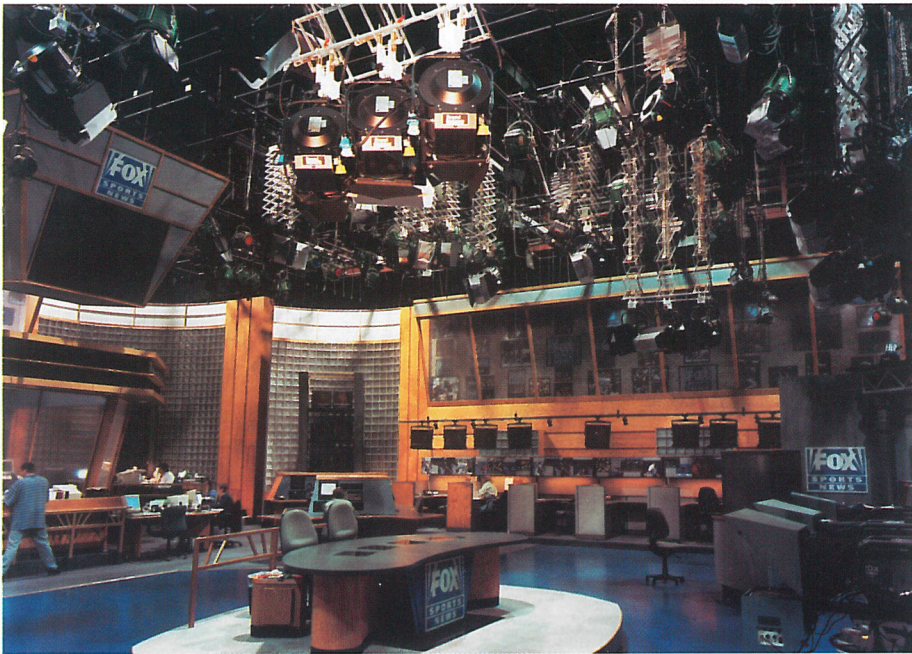
- 27270 Studio Manual Operation
- 27271 Studio Manual Operation

• Indicates product availability in 120 volts.

• Indicates product availability in 230 volts.

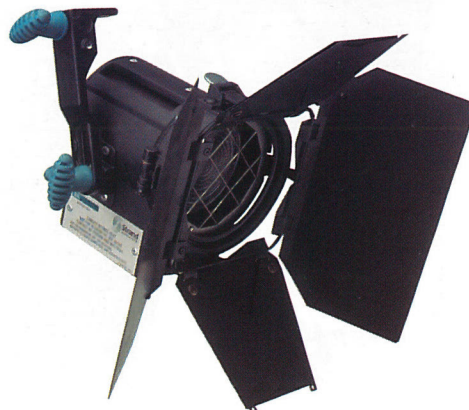
BAMBINO

Quartz Halogen Fresnels 200W/500W & 650W



The popular Bambino range was developed for use in Studios and on Location, following extensive consultation with industry professionals. Like the Studio range, the Bambino family was designed to meet the most demanding criteria of cinematographers, directors of photography, gaffers, lighting directors and rental houses. All Strand Fresnels share common components to simplify service and support.

- Superior light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant for longer life
- Compatibility of parts throughout the range
- A comprehensive range of accessories, interchangeable with existing Quartzcolor products
- Easy to service and maintain: only 4 screws to remove to access the lampholder and spot/flood mechanism
- Bonding eyes and rigging hooks on larger units
- Front and back focusing on larger units
- New worm drive mechanism for precise focusing
- New focus system, easy to adapt from manual to pole operation and maintenance free
- Scratch resistant black non-reflective housing
- Bambino 500W and Bambino 650W are also available as a kit
- The complete range is UL and cUL listed and carries the international CE mark.



Bambino 200W & 500W

- 27616 Manual Operated 200W Lamp
- 27620 Manual Operated 500W Lamp
- 27626 Manual Operated 500W Lamp



Bambino 650W

- 27636 Manual Operated 650W Lamp
- 27630 Manual Operated 650W Lamp

BAMBINO

Quartz Halogen Fresnels 1kW, 2kW, 5kW & 10kW



Bambino 1kW

- 27641 Manual Operated 1kW Lamp
- 27640 Manual Operated 1kW Lamp

Bambino 2kW

- 27651 Manual Operated 2kW Lamp
- 27650 Manual Operated 2kW Lamp

Bambino 5kW

- 27661 Manual Operated 5kW Lamp
- 27660 Manual Operated 5kW Lamp

NOTE: Bambino units 2kW, 5kW and 10kW are available as pole operation units. Contact your Strand Lighting office or distributor.

Bambino 10kW

- 27681 Manual Operated 10kW Lamp
- 27680 Manual Operated 10kW Lamp

• Indicates product availability in 120 volts.

• Indicates product availability in 230 volts.

Redhead, Blonde, Pulsar & IADI

Portable Focusing Floodlights and Fill Lights



Used across the world in a wide range of applications the Quartzcolor family of Redheads, Blondes and IADI flood lights are rugged enough to meet the demands of field production anywhere and anytime. Simple to set up and tear down the cool operation and easy handling of these lights make it easy to get that time sensitive shot.

- Simple to set up and use
- Lightweight rugged construction
- Easy to maintain
- Available with a wide range of accessories including scrims, barndoors and gaffer grips



Redhead

- 21046 lanebeam 650W
- 21030 lanebeam 800W
- 21056 lanebeam 1000W



Blonde

- 21106 lanebeam 2000W
- 21100 lanebeam 2000W



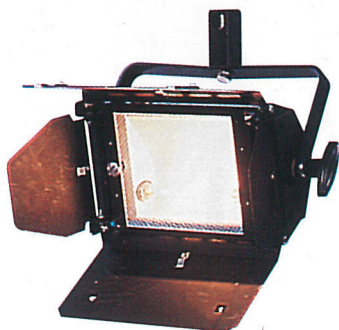
Pulsar

- 21024 650W lamp

The popular "Redhead" open face floodlight is made of cool to the touch fiberglass and is a favourite of cameramen everywhere.

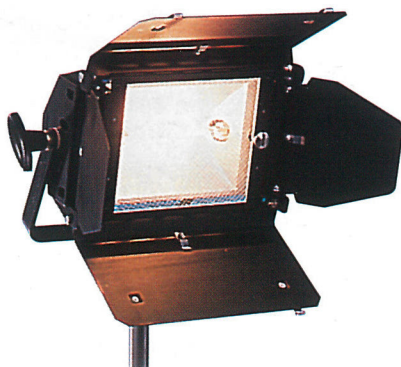
Rated at a full 2000 watts the lanebeam Blonde delivers light in an easy to use portable body. Simple to focus and set up like the Redhead family Blondes can be found on location in both film and television production.

- Lightweight and versatile openface floodlight with beam variable between 27° and 70°
- High output from axially mounted 650W lamp
- Cool heat resistant polyester/glass fibre housing



IADI

- 26020 Fill 1000W
- 26026 Fill 1000W
- 26030 Cyc 1000W
- 26036 Cyc 1000W

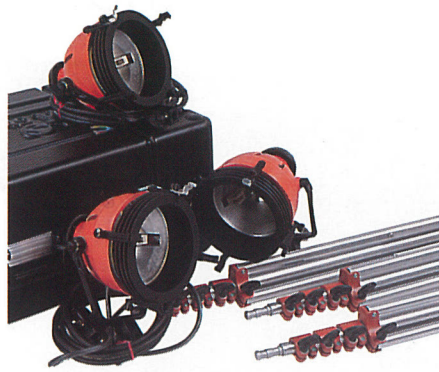


Available as both a fill and a cyclight the 1kw ladi's are compact and lightweight. IADI Cyc has an asymmetric reflector and is used for lighting TV studio and location backings and cycloramas; IADI Fill uses the same housing with a symmetrical reflector for a wide angle, even beam.

Kits

Portable Lighting

Packaged for field use, all of the location kits have been designed with the needs of the location cameraman in mind. Packed with stands and a host of accessories plus space to pack extra equipment, these kits are ready to use immediately.



Redhead Kit
 • 23034 3 Head Kit



Blonde Kit
 • 23024 2 Head Kit

Redhead and Blonde kits for 230 volt systems feature rugged cases, stands, and complete luminaires.

Quik-Kits

Portable Lighting

Easy to set up and use, all Strand Lighting kits are built to stand up to the day to day use of professionals everywhere. All components are built from the most rugged materials to provide years of dependable use.



Quik Kits are designed to meet the requirements of any cameraman who needs a compact lighting package. Featuring Bambino 500 and 650 Fresnels and our popular Redheads, Quik Kits are available in North America with a variety of light combinations and accessories.

- Indicates product availability in 120 volts.
- Indicates product availability in 230 volts.

HMI PARS

200W-12kW using single ended MSR lamps



Strand QuartzColor's 200 watt to 12Kw PAR's are the only range of Parlights designed from the beginning as a complete family. They have been developed specifically for the location lighting market, following extensive consultation with many international industry professionals. No other range of Parlights in the market today provides as many benefits as the new Strand QuartzColor range, with its superior optics, ease of use and ease of maintenance.

- A complete family, from 200W to 12kW, using single-ended MSR lamps.
- All units with redesigned optics, new lenses and new reflectors, giving exceptional optical performance
- Improved light quality and output, featuring better quality distribution, providing a flatter, more even field
- Use of common parts and accessories throughout the range, thus reducing the number of spares required. This is a key feature for rental houses.

- Interchangeable accessories, reducing the need for rental houses to stock many specific accessories for each product
- Parlights have colour coded 5 lens system for easy identification, in carry case so that the complete set is readily available.
- All heads supplied with barndoor, a set of 5 lenses in case, and head to ballast cable.
- PAR 200W and PAR 575W are also available in special kits, giving the user all the components they may need in the same case.
- The complete range is UL and cUL approved and bears the international CE mark.



PAR 200W
● 27526 200W HMI Lamp
● 27520 200W HMI Lamp

PAR 575W
● 27546 575W HMI Lamp
● 27540 575W HMI Lamp



PAR 1.2kW
 ● 27556 1200W HMI Lamp
 ● 27550 1200W HMI Lamp

PAR 4/2.5kW
 ● 27576 4000W HMI Lamp
 ● 27570 4000W HMI Lamp

- Ease of access to all units for maintenance
 - Lampholder and spot/flood mechanism reached by simply removing 4 screws
 - Igniters reached by removing an additional 4 screws
 - Most competitive products require many more screws to be removed, making it more difficult to maintain and repair
- All units corrosion resistant for longer life – stainless steel and cast aluminum
- Quality, rugged, durable luminaires, that will perform well for years
- Rigging hooks, bonding eyes, knobs and handles located in the same position throughout the range, making them easier to use on location
- The black, non-glare bodies are easy to hide on location



Easy to service and maintain hinged door access with quick release lampholder.

Ballasts are available from Strand Lighting in both electronic and magnetic versions. Contact your nearest Strand Lighting office or distributor for information

- Indicates product availability in 120 volts.
- Indicates product availability in 230 volts.

HMI Daylight Fresnels

200W-6kW using single ended MSR lamps



Our HMI range like the PAR family is the only range of daylight Fresnels designed from the start as a complete family. No other range of daylight Fresnels in the market today provides as many benefits as the new Strand Quartzcolor range, with its superior optics, ease of use and ease of maintenance.



HMI 200W
 ● 27026 200W HMI Fresnel
 ● 27020 200W HMI Kit

- A complete family: from 200 W to 6 kW, using single-ended MSR lamps
- Specifically designed lenses and reflectors provide superb optical performance
- Improved light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant, for longer life
- Compatibility of parts throughout the range
- A comprehensive range of accessories, interchangeable with existing Quartzcolor products
- Easy to service and maintain: only 4 screws to remove to access the lamp holder and spot/flood mechanism
- ON-OFF buttons, operated from both head and ballast
- Bonding eyes and rigging hooks on larger heads
- Front and back focusing on larger heads
- New focus system, easy to adapt from manual to pole operation and maintenance free



HMI 400W
 ● 27036 400W HMI Fresnel
 ● 27030 400W HMI Kit

- Quick release lamp holders
- New easy running barndoor ears
- Scratch resistant black non-reflective housing
- All heads supplied with barndoor, colour frame, and head to ballast cable
- The 200W and 400W HMIs are also available as kits, including scrims, ballast and flight case
- The new range is UL and cUL listed and carries the international CE mark



HMI 575W
 ● 27046 575W HMI Fresnel



- HMI 1.2kW
- 27056 1.2kW HMI Fresnel
 - 27050 1.2kW HMI Fresnel



Easy to service and maintain hinged door access with quick release lampholder.



- HMI 2.5kW
- 27066 2.5kW HMI Fresnel
 - 27060 2.5kW HMI Fresnel



- HMI 4kW
- 27076 4kW HMI Fresnel
 - 27070 4kW HMI Fresnel

Ballasts are available from Strand Lighting in both electronic and magnetic versions. Contact your nearest Strand Lighting office or distributor for information

- Indicates product availability in 120 volts.
- Indicates product availability in 230 volts.

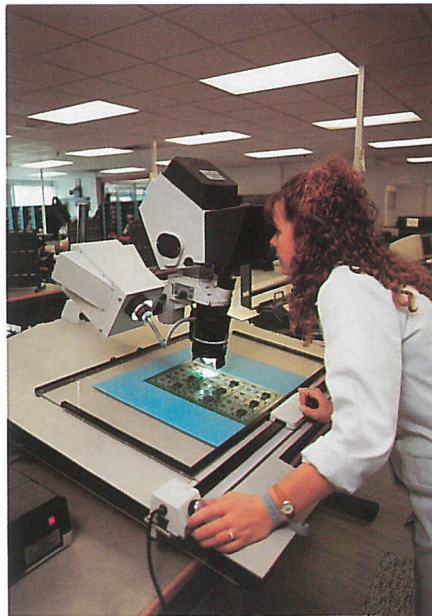
Products

As the creative demands of entertainment lighting continue to expand, Strand Lighting has responded with a series of new product introductions demonstrating a commitment to providing lighting solutions matched to the scale and complexity of the application: the latest generation of software based control products ensure that as users' needs grow and new facilities are added, systems can be easily expanded to accommodate them, protecting the value of the original investment. Our new digital dimming systems bring enhanced flexibility and superior performance and value to all of our customers and our exciting range of Film, Television and Theatrical luminaires are the newest and most advanced in the industry. From the simplest to the most advanced, for theatrical, television, film or themed environments solutions will be found for all your applications within this catalogue.



Service and support

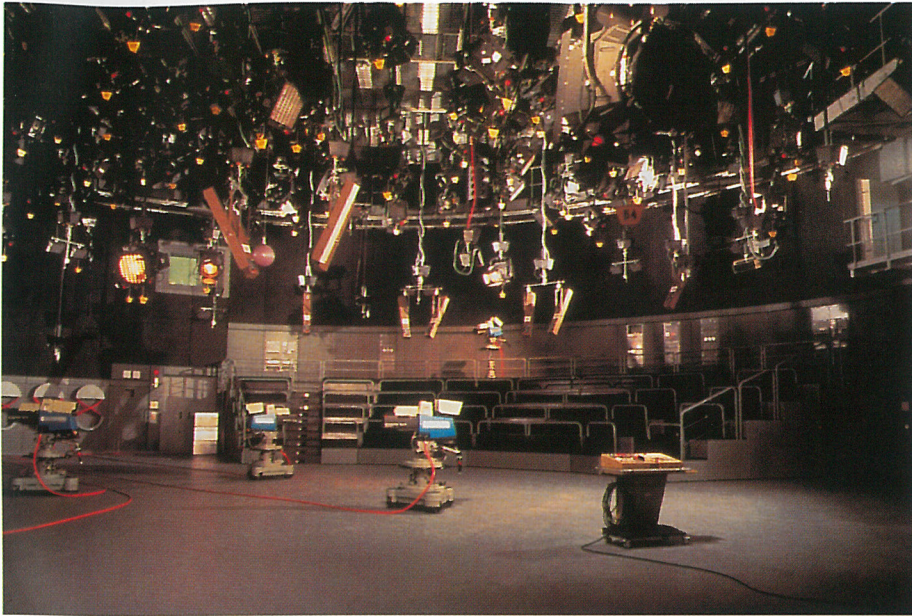
All Strand products are backed by a worldwide network of distributors and service providers. A complete listing is available on our Website at www.strandlighting.com. In addition our site provides a wide range of support material, technical information and the latest software to allow our customers to keep their systems as current as possible.



Project management

Dedicated project managers, customer service and technical support staff are available to assist all of our customers across the world. We are pleased to offer a complete range of design, support and turnkey solutions to meet the needs of your project. Strand Lighting engineers can assist you with a wide range of engineering support from simple architectural or theatrical applications to complex rigging and lighting layouts for the largest broadcast facilities.





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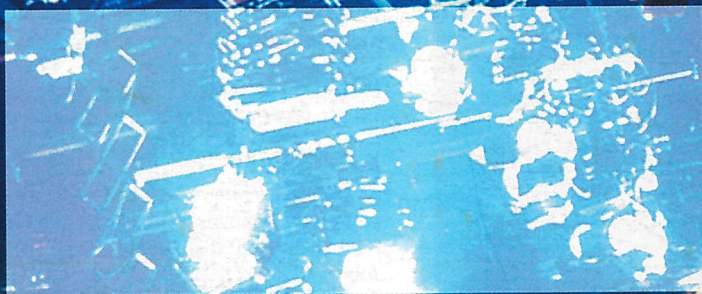
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Strand
LIGHTING

www.strandlighting.com

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