# MELANGE PRO

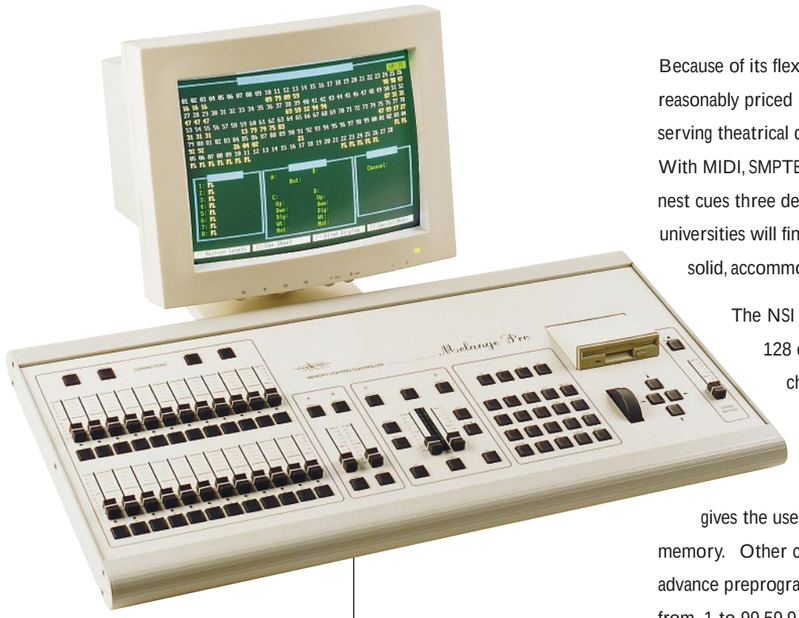
NSI CORPORATION

P.O. BOX 2210
TUALATIN, OREGON 97062

503.404.5500 • FAX 503.404.5600

www.nsicorp.com

## MEMORY LIGHTING CONTROL CONSOLES



MELANGE PRO

**24 Submaster Controls with up to 99 Submaster Pages**

Because of its flexibility, ease of use and automation features, the reasonably priced Melange Pro consoles fill a multitude of needs serving theatrical dealers, rental A/V and contractor markets. With MIDI, SMPTE, RTC, external macros and 2 autofaders that nest cues three deep, churches, theme parks, high schools, and universities will find the Melange Pro consistently performs as a solid, accommodating lighting tool.

The NSI Melange Pro control consoles provide 128 channels to control as many as 512 dimmer channels, with multiple proportional softpatch tables. Along with 400 cues, 99 level-sensitive chase effects, each up to 250 steps, and 99 submaster memory pages, this console gives the user hands-on control of multiple looks and cued memory. Other control functions include two autofaders to advance preprogrammed cues, with programmable fade rates from .1 to 99.59.9 minutes, and two manual faders for real time, take-control operation. The consoles also feature an internal 10 year EEPROM memory protection to ensure programs are retained even when power is off.

The Melange Pro consoles support VGA monitors and provide display of channel level information, programming screens, cue attributes, cue sheets, patch table, console configuration, memory allocation, and help information. With the onboard 3 1/2 inch disk drive, all memory and console configurations can be saved and edited on a PC by any text-based editor.

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MEMORY LIGHTING CONTROL CONSOLES

### FEATURES

- 128 Channels
- 24 Submaster Controls with up to 99 Submaster Pages
- 512 Dimmer Proportional Softpatch
- Level Sensitive Chases
- 99 User-defined Macros
- Go
- Back
- Hold
- EEPROM Internal Memory Storage
- Control Function Indicators
- Manual Override/Crossfade
- Pile-On and Split Time Fades
- Submaster Bumps
- Black Out Control
- Grand Master
- Optional Wired Remote Focus
- 8 External Macros
- VGA Color Monitor
- SMPTE via MIDI Time Code
- MIDI In/Out/Thru
- [a] NSI 128 Channel Micro-Plex (3-Pin Interconnect)
- DMX 512 Digital Control (Standard 5-Pin Connector)
- Encoder Wheel
- 3 1/2” Disk Drive

### MECHANICAL

Dimensions (Inches)
4H x 29W x 15D
18.5 lbs.

Specifications subject to change without notice

# M L C 1 6

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I N T E L L I G E N T  L I G H T I N G  C O N T R O L S

The new NSI MLC 16 control console is designed to communicate with all DMX 512 intelligent luminares. The MLC 16 is delivered preprogrammed for several of today's most popular intelligent products and may be easily configured by the user for other fixtures. Equipped to address multiple personalities, the MLC 16 gives the user the ability to control a variety of devices from different manufacturers, all at once.

The MLC 16 controls up to 16 individual devices and provides four memory pages for a total of 96 programmable patterns with up to 800 pattern steps. Twentyfour show sequences can be programmed to allow patterns to be linked and looped.

The informative 2x40-character, menu-driven liquid crystal display, along with four individual encoders, enhances the ease of control and operation for any size show. Functions include device personality assignment and setup, control function assignment, alpha labeling of devices and indexing.

Control functions include a joystick, four independent encoder wheels, page select and pattern select buttons. The MLC 16 supports DMX 512 with both output control and input for control from other consoles. MIDI In/Out/Through is provided for direct sequenced control. Audio synchronization is supported through an independent line level input. An optional 3.5" disk drive is also available for external program storage and off line editing.

## MLC 16

The MLC 16 control console is designed to communicate with all DMX 512 luminares and enables you to control as many as 16 individual devices with up to 96 programmable patterns. A library of pre-addressed intelligent devices is included for your convenience.

## MLC 16D

With onboard disk, the MLC 16D takes the intelligent lighting control concept a step further and empowers the user to edit scene patterns or shows with any PC-based text editor. Also, you can update the onboard fixture library by downloading the latest, market-wide fixture attributes using NSI's web site.

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I N T E L L I G E N T  L I G H T I N G  C O N T R O L S

## CONSOLE CAPACITY

- Controls 16 Individual Intelligent Devices
- 512 DMX 512 Control Channels
- 24 Pattern Access Buttons
- 4 Pages of Pattern Memory
- 96 Total Programmable Memory Patterns
- Up To 800 Pattern Steps
- 2x40-Character Liquid Crystal Display
- 4 Display Menu Select Buttons
- 4 Encoder Display/Function Wheels
- Control Joystick

## DISPLAY FUNCTIONS

- Menu-Driven Liquid Crystal Display
- Device Personality Assignment
- Control Function Assignment
- Device Setup Display
- Alpha Labeling of Devices
- Indexing and Union

## FEATURES

- 16 Individual Device Control
- 96 Programmable Patterns
- Up To 800 Step Memory
- Addresses Multiple Personalities At Once
- Pre-Addressed for Most Popular Manufacturers' Intelligent Products
- Audio Synchronization
- MIDI Mapping Editor

## PORTS

- DMX 512 Output
- DMX 512 Input Binary Address or Merge
- MIDI In/Out/Through
- Audio Input
- RS 232 Input
- Optional Disk Drive

## MECHANICAL

Dimensions (Inches)
4H x 24W x 15D
12 lbs.

Specifications subject to change without notice

# MC 7500 SERIES

NSI CORPORATION

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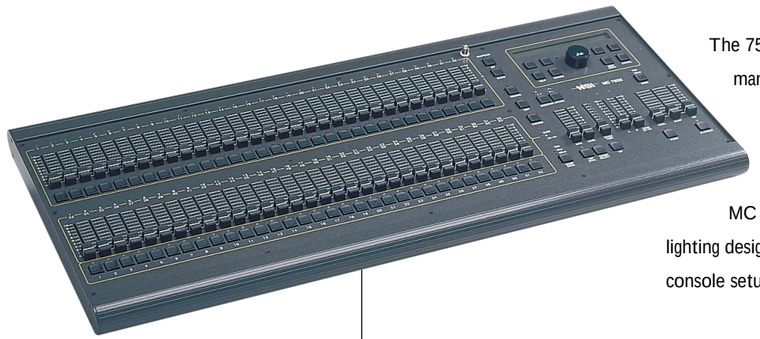
## DIGITAL LIGHTING CONTROLS



MC 7532

**32/64 Individual Control Channels**

**512 Programmable Memory Scenes**

**32 User Programmable Level Sensitive Chase Effects**

MC 7524

**24/48 Individual Control Channels**

**384 Programmable Memory Scenes**

**24 User Programmable Level Sensitive Chase Effects**

MC 7516

**16/32 Individual Control Channels**

**256 User Programmable Memory Scenes**

**16 User Programmable Level Sensitive Chase Effects**

The 7500 Series features 3 operational modes; 2 scene manual, single scene with submasters, or wide mode for double the channel capacity. With cue stacking, SMPTE via MIDI, level sensitive chasing, and as much as 512 memory scene capability, the MC 7500 caters to even the most demanding of lighting designers. The encoder wheel and LCD readout make console setup and onboard editing quick and easy.

# MC 7500 SERIES

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## DIGITAL LIGHTING CONTROLS

### FEATURES

- Full Manual 2 Scene Preset Mode and Wide Mode Single Scene Operation
- Dual Split Dipless Manual Crossfaders
- Auto Fader/Cue Stacking
- 255 Total Stack Steps
- MIDI In/Out/Through
- Program and Modify Memory in Live or Blind Mode
- Audio Sync
- Chase Effect Modes
- Fully Protected Non-volatile EEPROM Memory
- Universal Internal Power Supply
- SMPTE via MIDI
- RTC
- NSI 128 Channel Micro-Plex to NSI Dimmers (3 Pin Interconnect)
- DMX 512 Digital Control (standard 5-pin interconnect)
- Optional 37 pin 0-10 Volt Analog Control Port
- Optional AMX 192

### MECHANICAL

Dimensions (Inches)

7516
4H x 23W x 15D
15 lbs.

7524
4H x 29W x 15D
17.5 lbs.

7536
4H x 35W x 15D
20 lbs.

Specifications subject to change without notice

# RACK DIMMERS

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## DIGITAL DIMMING SYSTEMS

8600

**6 - 1200 Watt Dimmer / Relay Channels**

**7200 Watts**

**Single / Three Phase Power Operation**

**2 pole 30 Amps / 3 pole 20 Amps Input**

**400 Micro-second Toroidal Filtering**

9600

**6 - 2400 Watt Dimmer / Relay Channels**

**14,400 Watts Maximum Power Capability**

**Single / Three Phase Power Operation**

**2 pole 60 Amps / 3 pole 40 Amps Input**

**500 Micro-second Toroidal Filtering**

DDS digital dimming systems combine portability with high caliber, rugged performance for a variety of applications. The DDS series provides NSI Micro-Plex system-connect technology, along with 0-10VDC analog control capability. The USITT standard for system interface, DMX 512 is an available option for control of up to 512 dimmer channels. The DDS products may be assigned by channel to act as dimmers or as a relay for on/off operation of lights or motorized devices. The DDS series of digital dimming systems are offered in a variety of configurations of power and capacity to meet every individual need. The DDS digital dimming products are listed by Underwriters Laboratories and also carry the CUL identification for systems used in Canada. All DDS Dimmers have built-in chase effects for stand alone operation for all display type applications.

8800

**8 - 1200 Watt Dimmer / Relay Channels**

**9600 Watts Maximum Power Capability**

**Single Phase Power Operation**

**2 pole 40 Amps Input**

**400 Micro-second Toroidal Filtering**

9800

**8 - 2400 Watt Dimmer / Relay Channels**

**19,200 Watts Maximum Power Capability**

**Single Phase Power Operation**

**2 pole 80 Amps Input**

**500 Micro-second Toroidal Filtering**

# RACK DIMMERS

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## DIGITAL DIMMING SYSTEMS

### FEATURES

- 512 Channel Address Capable
- Toroidal Noise Filtering
- Dual SCR Circuit Design
- Internal Switch Select Activates 8 Auto Sequence Control Programs
- Sequence Rate Adjustable From 1 to 60 Seconds
- User Select for Soft Start to Increase Lamp Life
- Control Status Indicator LED
- DC Power LED Indicator
- Phase Power LED Indicators
- Over Temp LED Indicator
- No-Load LED Indicators
- Individual Channel Function LED's
- Individual Channel Lamp Test Controls
- Internal Variable Speed Cooling Fan
- Fully Magnetic External Circuit Breakers
- 6 Channel Single/Three Phase Power Operation
- 8 Channel Single Phase Power Operation
- UL/CUL Listed
- NSI 128 Micro-Plex (3-Pin Interconnect)
- 0-10 VDC Analog (9 pin "D" Type Connector)
- Optional DMX 512 Digital Control (Standard 5-Pin Interconnect)
- 2 EIA 19 inch rack spaces

### MECHANICAL

Dimensions (Inches)

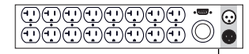
8600
3.5H x 16.8W x 14.1D
24 lbs.

8800
3.5H x 16.8W x 14.1D
26 lbs.

9600
3.5H x 16.8W x 14.1D
33 lbs.

9800
3.5H x 16.8W x 14.1D
38 lbs.

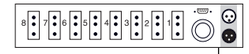
Specifications subject to change without notice



PB6 • PB8

**Standard Outlets for 6 or 8 Channels**

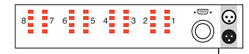
**UL Listed**



SP6 • SP8

**Stage Pins for 6 or 8 Channels**

**UL Listed**



PP6 • PP8

**Panel Patch for 6 or 8 Channels**

KO6 • KO8

**Knockout Panel for 6 or 8 Channels**

TL6

**Twist Lock for 6 Channels Only**

# SATELLITE DIMMER PACKS

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## DIGITAL DIMMING SYSTEMS


### DDS 3600R

**4 Channels @ 600 watts**

**15 and 20 amp UL models**

**1800/2400 Watts**


### DDS 5300

**4 Channels @ 300 watts**

**UL Listed**

**1200 Watts**

**Up To 100 Micro-Second Toroidal Filtering**

NSI Dimmers are fully UL listed digital products that provide reliable, responsive performance with smooth, accurate dimming curve. Extensive epoxy encased toroidal filtering reduces the potential of dimmer generated noise. Individual channels are user assignable as dimmers or on/off relays for non-dim applications. All DDS Dimmers have built-in chase effects for stand-alone operation, perfect for all display type applications.


### DDS 5600

**4 Channels @ 600 Watts**

**15 and 20 amp UL Models**

**1800/2400 Watts**

**160 Micro-second Toroidal Filtering**


### DDS 6000

**4 Channels @ 1200 watts**

**15 and 20 amp UL models**

**1800/2400 Watts**

**400 Micro-second Toroidal Filtering**

**UL Listed Knockout Version Available**


### DDS 6000+

**4 Channels @1200 Watts**

**Dual 15 and 20 amp UL Models**

**3600/4800 Watts**

**400 Micro-second Toroidal Filtering**

**UL Listed Knockout Version Available**

# SATELLITE DIMMER PACKS

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## DIGITAL DIMMING SYSTEMS

### FEATURES

- 4 Individual Dimmer Relay Channels
- Toroidal Noise Filtering
- Dual SCR Circuit Design Ensures Reliable Operation
- 512 Channel Address Capable
- User Select for Dimmer/Relay Operation
- User Select for Soft Start Operation to Increase Lamp Life
- User Select for 8 Auto Sequence Control Programs
- Sequence Rate Adjustable from 1 to 60 Seconds
- Control Status Indicator LED
- Power On LED Indicator
- Individual Channel Function LEDs
- External Fusing for Each Individual Channel
- External Front Panel Circuit Breaker
- UL/CUL Listed
- NSI 128 Channel Micro-Plex (3-pin interconnect)
- 0 to 10 Volt Analog Inputs on 5-pin Din Connector
- Optional DMX 512 Digital Control (standard 5-pin interconnect)

### MECHANICAL

Dimensions (Inches)

3600R
8.5H x 6.5W x 2D
6 lbs.

5300
6.6H x 9.8W x 2.6D
4 lbs.

5600
8.25H x 9.8W x 2.6D
7 lbs.

6000
10.9H x 9.5W x 3.75D
Mounting Holes - 8.25oc
12 lbs.

6000+
10.9H x 9.5W x 3.75D
Mounting Holes - 8.25oc
12 lbs.

Specifications subject to change without notice

# 2408 CD

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## COMMERCIAL DIMMER PACK

These UL listed commercial dimmer packs feature input ports for all the communication protocols you'll need, including Micro-Plex, DMX 512, NSI Luma-Net and 0-10 analog. The 2408 also features epoxy encased toroidal filters, which minimize toroidal buzz, and a rise time of 500 micro-seconds.

2408 CD

**Eight Individual Dimmer Channels**

**2400 Watts per Channel, 19,200 Watts Maximum**

**Microprocessor Controlled**

# 2408 CD

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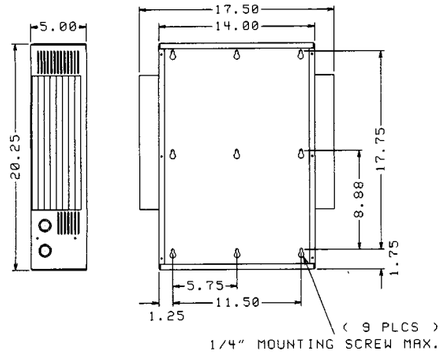
## COMMERCIAL DIMMER PACK

### FEATURES

- 8 Individual Dimmer Channels
- 2400 Watts per Channel, 19,200 Watts Maximum
- Microprocessor Controlled
- 8 Fully Magnetic Circuit Breakers
- 120/240 Volt Operation
- Dual SCR Circuit Design
- Toroidal Choke Filtering for Each Channel
- 512 Channel Program Capability
- Channel Address Select Switch
- Extruded Aluminum Passive Heat Dispersion
- NSI Micro-Plex, DMX 512 and 0-10 Volt Analog Inputs
- Luma-Net Architectural Control Capable
- Pressure Screw Terminals for Hardwire Inputs/Outputs
- Remote Operation with Luma-net Control Panels
- Individual Channels May be Converted to Relays
- Steel Chassis Construction, Wall Mountable
- Power LED
- Channel Status Indicator LED
- Signal Status LED




Specifications subject to change without notice

# L U M A - N E T ®

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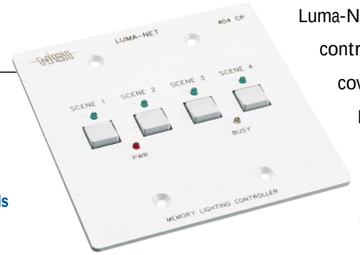
## C O M M E R C I A L  A N D  A R C H I T E C T U R A L  C O N T R O L S


### 400CP

**4 Programmable Zones**

**Raise or Lower Assigned Control Zones**

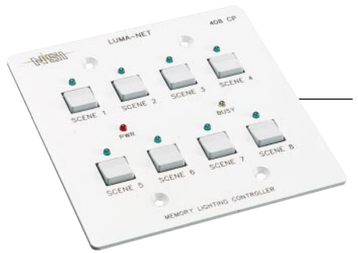
**Controls up to 500 Dimmer Channels**




### 404CP

**4 Programmable Scenes**

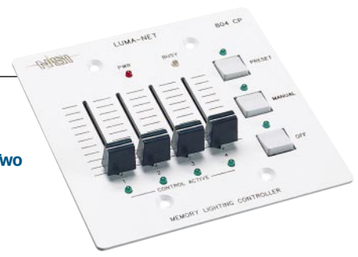
**Each Scene Programmable for up to 100 Channels**




### 408CP

**8 Programmable Scenes**

**Each Scene Programmable for up to 45 Channels Within 100 Dimmers**




### 804CP

**4 Programmable Slide Control Zones**

**Mounts In Standard Two Gang Electrical Box**


### 808CP

**8 Programmable Slide Control Zones**

**Mounts in 3-Gang Electrical Box**

These cost-effective, flexible architectural lighting control systems are excellent for churches, schools, and universities. The commercial line can integrate house and stage lighting for total control over the entire facility. The Luma-Net is a very flexible lighting control device with different models to cover zone and scene controls. Fader equipped models are very durable and will hold up to heavy usage in commercial applications.

# L U M A - N E T ®

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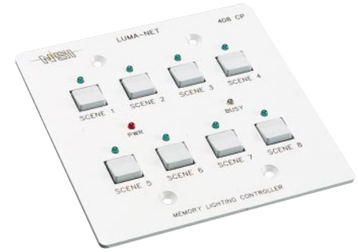
C O M M E R C I A L  A N D  A R C H I T E C T U R A L  C O N T R O L S

### 400 SERIES FEATURES

- Programmable Fade Times
- Programmable Master/Slave Operation
- Control Lockout Function
- Front Panel Programmable or from PC With Luma-Net Software and Interface
- Mounts in Standard 2-Gang Electrical Box
- Works with any Luma-Net Products

### 800 SERIES FEATURES

- Programmable Preset Buttons
- Programmable Fade Time
- All Off Button
- Each Slide Control Programmable for up to 100 Dimmer Channels
- Control Lockout Function
- Programmable with Luma-Net Software and Interface Only
- Works with any Luma-Net Product





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# MELANGE PLUS

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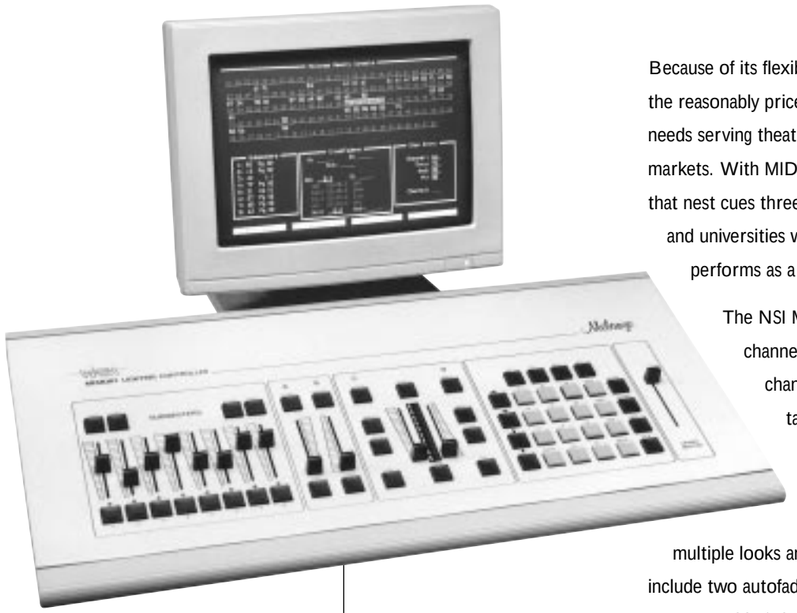
## MEMORY LIGHTING CONTROL CONSOLES



MELANGE PLUS

**8 Submaster Controls with up to 99 Submaster Pages**

Because of its flexibility, ease of use and automation features, the reasonably priced Melange Plus consoles fill a multitude of needs serving theatrical dealers, rental A/V and contractor markets. With MIDI, RTC, external macros and 2 autofaders that nest cues three deep, churches, theme parks, high schools, and universities will find the Melange Plus consistently performs as a solid, accommodating lighting tool.

The NSI Melange Plus control consoles provide 128 channels to control as many as 512 dimmer channels, with multiple proportional softpatch tables. Along with 400 cues, 99 level sensitive chase effects, each up to 250 steps, and 99 submaster memory pages, this console gives the user hands-on control of multiple looks and cued memory. Other control functions include two autofaders to advance preprogrammed cues, with programmable fade rates from .1 to 99.59.9 minutes, and two manual faders for real time, take-control operation. The consoles also feature an internal 10 year EEPROM memory protection to ensure programs are retained even when power is off.

The Melange Plus consoles support VGA monitors and provide display of channel level information, programming screens, cue attributes, cue sheets, patch table, console configuration, memory allocation, and help information.

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MEMORY LIGHTING CONTROL CONSOLES

### FEATURES

- 128 Channels
- 8 Submaster Controls with up to 99 Submaster Pages
- 512 Dimmer Proportional Softpatch
- Level Sensitive Chases
- 99 user Defined Macros
- Go
- Back
- Hold
- EEPROM Internal Memory Storage
- Control Function Indicators
- Manual Override/Crossfade
- Pile-On and Split Time Fades
- Submaster Bumps
- Black Out Control
- Grand Master
- Optional Wired Remote Focus
- 8 External Macros
- VGA Color Monitor
- [a] NSI 128 Channel Micro-Plex (3-Pin Interconnect)
- DMX 512 Digital Control (Standard 5-Pin Connector)

### MECHANICAL

Dimensions (Inches)
3H x 24W x 12D
12 lbs.

Specifications subject to change without notice

# TLC 16

NSI CORPORATION

P.O. BOX 2210
TUALATIN, OREGON 97062

503.404.5500 • FAX 503.404.5600

www.nsicorp.com

## DIGITAL LIGHTING CONTROLS

### TLC 16

**16 Individual Control Channels**

**16 Memory Sequence Programmable Touch Control Panels with Independent Channel Bump and Latch Controls**

**Dual 7-Segment LED Indicator Display**

The NSI TLC 16 lighting and effect console provides a variety of control configurations in a standard touch panel format. Sixteen individual control channels may be user configured for touch on/off or latch on/off operation. Individual LED indicators provide channel level information for quick, easy reference of operating modes. The TLC 16 includes 16 programmable pattern memories that may be set up as chase effects or static lighting scenes with actual channel level assignment. Up to 400 total steps are possible for a wide variety of individual chase patterns. The step rate of individual chase patterns may be determined by an adjustable preset control or in real time beat synchronization with NSI's tap sync circuitry. Audio synchronization of lighting effects is also made available through a standard line-level audio port with adjustable sensitivity control. The TLC 16 also features glide control for adjustments of the attack of each pattern step. The glide function adjusts step advance from a deliberate quick change or a soft dissolve from one step to the next. The TLC 16 supports both NSI Micro-Plex control technology and DMX 512 control for complete flexibility in interfacing and controlling a variety of lighting effects.

# TLC 16

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www.nsicorp.com

DIGITAL LIGHTING CONTROLS

## FEATURES

- 16 Individual Control Channels with Master Level Control
- 16 User Programmable Patterns or Static Scenes
- Up to 400 Step Pattern Memory
- Rack Mountable
- Audio Sync with Sensitivity Adjustments
- Tap Sync Pattern Rate Control
- Add Button for Pile-On of Patterns
- Non-Volatile Memory
- MIDI In/Out/Through
- Independent Channel Bumps and Latch Controls
- Dual 7-Segment LED Display
- NSI 128 Channel Micro-Plex (3-pin interconnect)
- DMX 512 Digital Control (standard 5-pin interconnect)
- Blackout Control

## MECHANICAL

Dimensions (Inches)
2.75H x 17.125W x 9D
7 lbs.

Specifications subject to change without notice

# M C  1 6 1 6

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## D I G I T A L  L I G H T I N G  C O N T R O L S

MC 1616

**16 Programmable Patterns or Static Scenes with Individual Channel Bump Buttons**

**Manual Operation Mode**

The MC 1616 control console delivers complete flexibility in entertainment lighting applications with 16 individual control channels and 16 pattern memory. Any of 16 memories are programmable for chase effects or static scenes. A total of up to 99 chase steps allows for a wide range of creativity in lighting design. The advance rate of individual pattern steps is selected by a chase tap control or may be synchronized to audio via an audio line input port. The MC 1616 will satisfy the requirements for a fully functional manual console for live performances or small theatrical presentations. The manual operating mode provides real time adjustment of the 16 individual control channels. Each channel is equipped with an individual bump button to activate any channel to momentary full brightness. Fade in and out time is adjustable for recalling memory scenes at a pre-determined selected rate. The MC 1616 supports NSI Micro-Plex as standard control technology. DMX 512 is available as an option to accommodate control flexibility interfacing with a variety of standard lighting effect products. The MC 1616 also has an optional kit available to accommodate mounting in standard EIA 19” rack equipment. When using this option, the MC 1616 converts output ports from the back panel to the bottom of the chassis to easily facilitate power and control connections from inside the rack.

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NSI CORPORATION

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503.404.5500 • FAX 503.404.5600

www.nsicorp.com

## D I G I T A L  L I G H T I N G  C O N T R O L S

### FEATURES

- 16 Individual Control Channels with Master Level Control
- 16 User Programmable Patterns or Static Scenes
- Up to 400 Step Pattern Memory
- Rack Mountable (optional )
- Audio Sync with Sensitivity Adjustments
- Tap Sync Pattern Rate Control
- Add Button for Pile-On of Patterns
- Non-Volatile Memory
- MIDI In/Out/Through
- NSI 128 Channel Micro-Plex (3-pin interconnect)
- DMX 512 Digital Control (standard 5-pin interconnect) (optional)
- Blackout Control

### MECHANICAL

Dimensions (Inches)
2.75H x 16.625W x 9D
7 lbs.

Specifications subject to change without notice

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INNOVATIONS IN ILLUMINATION

NEW PRODUCT

## MODULAR DIMMER SYSTEMS

**DS8-12**

**8 - 1200 Watt Dimmer / Relay Channels**

**9,600 Watts Maximum Power Capability**

**Single Phase Power Operation**

**2 pole 40 Amps**

**400 Microsecond Toroidal Filtering**

**DS8-24**

**8 - 2400 Watt Dimmer / Relay Channels**

**19,200 Watts Maximum Power Capability**

**Single Phase Power Operation**

**2 pole 80 Amps**

**400 Microsecond Toroidal Filtering**

**Introducing NSI's NEW DS Modular Dimmer Systems featuring high power capacities in an easy to service compact and modular design.**

**DS12-12**

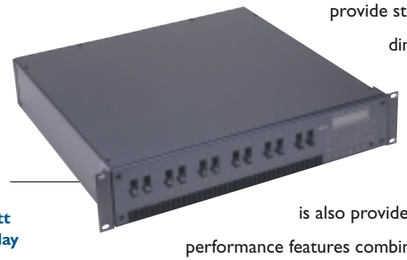
**12 - 1200 Watt Dimmer / Relay Channels**

**14,400 Watts Maximum Power Capability**

**Single / Three Phase Power Operation**

**2 pole 60 Amps / 3 pole 40 Amps Input**

**400 Microsecond Toroidal Filtering**



**DS12-24**

**12 - 2400 Watt Dimmer / Relay Channels**

**28,800 Watts Maximum Power Capability**

**Single / Three Phase Power Operation**

**2 pole 120 Amps / 3 pole 80 Amps Input**

**400 Microsecond Toroidal Filtering**

NSI DS digital dimmer systems combine convenient mobility with a rugged design and high caliber performance for a variety of lighting application demands. Our innovative modular design concept provides easy front panel access for control and dimmer module replacement even while the systems are rack mounted. This friendly feature is especially important for touring groups and also permanently installed systems where complete pack removal is difficult or impossible.

The DS digital dimmer systems include a sixteen character liquid crystal display and front panel keypad for intuitive access to features like backup presets with time fades, soft patch of DMX and NSI Micro-Plex control signals, 0-10VDC analog input control, and module temperature data. LED's on the front panel also provide status to a host of functions like dimmer control level, active power sources, active DMX-512 and NSI Micro-Plex control signals, and temperature conditions. A DMX-512 termination switch is also provided on the front panel. All of these performance features combined with the highest power density on the market makes this dimmer an unbeatable value. UL, CUL, and Patents pending.

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INNOVATIONS IN ILLUMINATION

NEW PRODUCT

## MODULAR DIMMER SYSTEMS

### FEATURES

- [16 Character] X [2 line] Backlit Liquid Crystal Display
- 20 Button Function Keypad
- Programmable Time Fade Presets
- Non-Volatile EEPROM Preset and Softpatch Storage
- DMX-512 Control to Dimmer Softpatch
- NSI Micro-Plex Control to Dimmer Softpatch
- NSI Luma-Net Architectural Control Signal
- 0-10VDC Analog Control Inputs
- Valid DMX Signal Indicator
- Valid NSI Micro-Plex Signal Indicator
- Line Power Indicator LED's
- Temperature Status LED
- Front Panel Accessible DMX-512 Termination Switch
- Optional DMX-512 Opto-isolated Input Available
- 120V Input Power
- 15V RMS Preheat Range
- Full On Test/Focus
- Over Voltage and Over Temperature Protection

### DIMMING

- Individual Dimmer Load Indicators
- Individual Dimmer Lamp Test / Focus Buttons
- 10000 AIC Branch Rated Fully Magnetic Circuit Breakers
- 400 Microsecond Toroidal Filtering
- Rugged Back to Back SCR Dimmer Design
- Automatic Line Regulation / Compensation for Power Fluctuations
- 12 Channel / Single or Three Phase Power Operation
- 8 Channel / Single Phase Power Operation
- Available in Edison/ U-ground, Stage Pin or Hardwired Versions
- Available in 2.4KW and 1.2KW Versions

### MECHANICAL

- Unique Modular Dimmer Design
- Unique Modular Control Electronics Design
- Modules are Front Panel Accessible and Plugable for Easy Cleaning and Service.
- Highest Power Density on the Market, Requiring only 2 EIA 19" Rack Spaces
- Internal Variable Speed Cooling Fan
- Dimensions: (Inches) 3.5H x 17.0D x 17.2W 50 lbs.

Specifications subject to change without notice

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# MC 24/48

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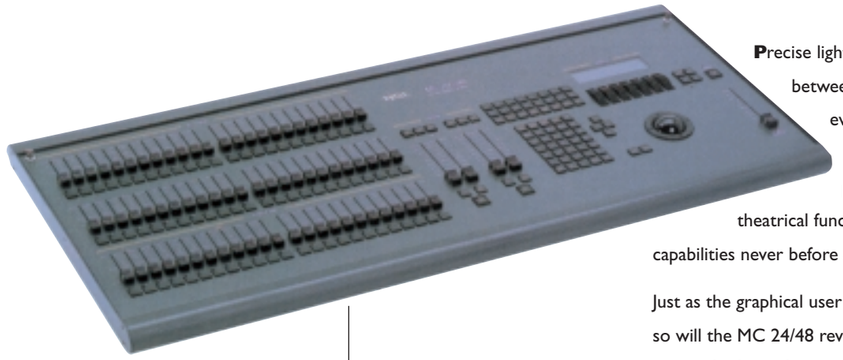
INNOVATION IN NEW PRODUCT ILLUMINATION

## LIGHTING CONTROL CONSOLES



**MC 24/28**
**24 2-Scene Channels**
**384 Max Control Channels**
**24 Submasters**

**P**recise lighting control can be the difference between a good show and a spectacular event. The MC 24/48 lighting control console from NSI gives you the powerful unification of advanced theatrical functions and sophisticated intelligence for capabilities never before available... at such an economical price.

Just as the graphical user interface revolutionized computers, so will the MC 24/48 revolutionize the lighting industry. Easy-to-use display and control features seamlessly link intelligent and standard light fixtures to help you create any look you desire. Multiple fixture attributes may be controlled at once with NSI's unique trackball and encoder inputs, while complete information is yours at a glance with the LCD display and two monitors.

NSI®

# MC 24/48

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INNOVATION IN NEW PRODUCT ILLUMINATION

LIGHTING CONTROL CONSOLES

### CONSOLE CAPACITY

- 24 2-Scene Channels
- 384 Max Control Channels
- 24 Submasters
- 600 Max Cue Capacity
- 2,000 Macros
- 1024 Max Dimmers
- 2 Pair Cross Faders
- 512 Personality Traits
- 7 Encoder Wheels
- Trackball

### DISPLAY FUNCTIONS

- Stage, Preview, Device, Cue Sheet, Track Sheet, Playback, Patch, Setup

### CONTROLS

- 2 Pair of Timed/Manual Faders
- Master Fader
- Go Buttons
- Blackout Button
- Hold/Back Buttons
- Rate Buttons

### KEYPAD

- Cue Numbering from .1 to 999.9
- Split Up/Down Fade Times
- Link to Cue or Macro
- Selective Cue Recording
- Modified Rate Recording
- Multi-Part Cues
- Proportional Range Editing of Levels

### SUBMASTERS

- Independent Submasters with Bump Buttons
- Overlapping Inhibitive or Pile-On Functions
- Bank Loading of Cues, Groups and Effects
- Programmable Up/Dwell/Down Times

### EFFECTS

- Up to 600 Level Sensitive Effects
- Programmable Step Times
- Effects may be Loaded to Cue or Submaster
- Range Editing of Step Values and Attributes

### INTERFACES

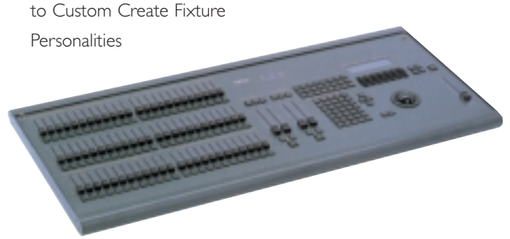
- DMX 512
- MIDI In/Out/Through
- SMPTE via MIDI
- Remote Go Macro
- Parallel Printer Port
- VGA Monitor Output
- Hand Held Remote

### INTELLIGENT LIGHTING

- Controls any DMX 512 Intelligent Devices
- Control a Variety of Manufacturers' Instruments Simultaneously
- Pre-Programmed Library of Popular Product
- User-Definable Attributes to Custom Create Fixture Personalities

### REAL TIME EVENT PROGRAMMABLE

- Up to 500 Event Capability



Specifications subject to change without notice

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