The introduction of the NEO lighting control console marks a new chapter in the evolution of control. This console allows the ability to seize light; to grab, move, change position, color and motivate the lighting design simply and effectively. The NEO lighting control console is the closest that a designer can get to actually touching the light; encompassing the dreams and aspirations of both professionals and amateurs alike.

The NEO lighting control console starts with the inclusion of many timesaving features, allowing the user to program faster and more accurately.

Icons and Shutter controls are represented graphically on the display, saving time and presenting meaningful data to the operator. Floating Windows allow the operator to configure their views their way, making it easier to find information. Effects are revolutionized, with “Time Line” features, allowing drag and drop to create that perfectly timed sequence.

The show is even secured on a “Mission Critical” grade SQL server, ensuring no data loss in those critical moments. Boot time is massively reduced with high speed solid state disk drives, making the NEO lighting control console robust for everyday and touring use.

With individually controlled back lit keys, motorized faders, user security system, pixel mapping and media playback: we think you will find the NEO lighting control console a worthy successor to a proud history of iconic consoles that have had the honor of bearing the Strand name.
NEO LIGHTING CONTROL CONSOLE

FEATURES

• Up to 100 universes of DMX per console
• 10 motorized submasters
• Motorized A/B playback faders
• 5 motorized multi-function faders
• Dual motorized grand masters
• Individually controlled backlit keys
• 4 Indented push encoders
• Color LCD screens for encoder assignment
• Keyboard drawer with storage and USB 3.0 ports
• Touchscreen capable interface
• Unlimited Cues, Cue Lists, Groups, Palettes, Effects, and Macros
• Tempo Button
• Tracking and Cue Only programming modes
• Flexible Shortcut System
• Generic Palettes
• Time Line Effects
• Pixel Mapping
• Media Playback
• Multi-User
• Tracking Backup
• User security system (login)
• Timed Events with sunrise/sunset
• Telnet Interface
• Web Server Hosting
• Android / iOS Remotes
• Undo History
• Visual Timecode Editor
• Power Monitor
• Color and Position Paths per Cue
• Blind Pre-Visualization
• Magic Sheet Layout
• 4 DMX Out Ports / 1 DMX In Port / 2 Network Ports
• 2 VESA Display Ports
• MIDI Out / In
• SMPTE Out / In
• USB 3.0 ports
• 2 XLR Ports for Console Lights
• Tablet Storage

STRAND ADVANTAGE DMX

Every NEO lighting control console also benefits from the all new Strand Advantage DMX model. This concept allows you to patch Vari-Lite, Strand, Selecon, Showline and Color Kinetics brand luminaires without consuming the console’s purchased DMX outputs. It does not matter if you own or rent the luminaires; as long as the one of the supported brands. With Strand Advantage DMX, you can control thousands of luminaires at no additional cost or output license limitations.

Strand Advantage DMX Overview (example):

• A NEO lighting control console is purchased with 1 universe of 512 DMX outputs.
• The purchased universe of 512 DMX outputs is patched to dimmers or other DMX-controlled products.
• Strand luminaires (sold separately) are patched to any other DMX universe. Vari-Lite, Strand, Selecon, Showline and Color Kinetics luminaires (regardless if you own or rent them) will not count against any of the purchased channels unless patched to the purchased DMX universe.
A. Motorized Faders / Submasters  
B. Level Wheel  
C. 10 Bump Buttons  
D. USB Port (showfile storage, USB key sold separately)  
E. Tablet Well with USB Power (tablet by others)  
F. Grand Masters (2)  
G. Black Out Buttons  
H. Shortcuts (10 each)  
I. Encoders with Encoder Status (4 each)  
J. Programming Buttons  
K. A/B Playback Controls (with Go and Stop/Back buttons)  
L. Track Ball

Legend

- A. Motorized Faders / Submasters  
- B. Level Wheel  
- C. 10 Bump Buttons  
- D. USB Port (showfile storage, USB key sold separately)  
- E. Tablet Well with USB Power (tablet by others)  
- F. Grand Masters (2)  
- G. Black Out Buttons  
- H. Shortcuts (10 each)  
- I. Encoders with Encoder Status (4 each)  
- J. Programming Buttons  
- K. A/B Playback Controls (with Go and Stop/Back buttons)  
- L. Track Ball

- AC input  
- On/ off switch  
- DC Power supply (do not use)  
- USB 3.0 Port (x4)  
- VESA display ports  
- Network ports  
- Mic input  
- Line out  
- Console light receptacle (x2)  
- Kensington security lock slot (security cable and lock by others)  
- Status indicators  
- MIDI in / out  
- SMPTE in / out  
- DMX input  
- DMX output (x4)
## NEO LIGHTING CONTROL CONSOLE

### POWER
- **Range**: 100–240VAC

### DATA CONNECTIONS
- **5-pin DMX**: 4 out / 1 in
- **MIDI**: In / out
- **SMPTE**: In / out
- **VESA display port**: 2
- **RJ45 network ports**: 2
- **Audio line**: In / out / mic via 1/8” mini
- **USB 3.0**: 4 on rear panel
- **USB 2.0**: 5 (4 on console front, 1 in keyboard drawer)
- **3-pin XLR port @12V**: 2

### PROTOCOLS
- **Connectivity**
  - Shownet
  - E1.31 (Streaming ACN)
  - Artnet
  - DMX512
  - KiNet ( Philips Color Kinetics Control Protocol)
  - Pathway
  - RDM

### PHYSICALS
- **Finish**: Black
- **Construction**: High density and impact resistant aluminum and plastics

### ENVIRONMENT
<table>
<thead>
<tr>
<th>°C</th>
<th>°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–40</td>
<td>32–104</td>
</tr>
<tr>
<td>0–35</td>
<td>32–95</td>
</tr>
</tbody>
</table>

### H x W x D
- **787.4 x 142.3 x 495.3 mm**: 31 x 5.6 x 19.55 in

### WEIGHT
- **Net weight**: 16.8 kg / 37 lb

### WARRANTY & APPROBATIONS
- **Warranty**: 2 years
- **Approvals / Listings**: cETLus, CE, C-Tick
# NEO Lighting Control Console

## Product Name and Order Code

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEO Lighting Control Console (one universe of DMX)</td>
<td>91001</td>
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</table>

## Peripheral Equipment - Cables

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Order Code</th>
</tr>
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<tbody>
<tr>
<td>DMX512 control cable 25' (A5F to A5M)</td>
<td>95090</td>
</tr>
<tr>
<td>Ethernet cable 10' 10/100BaseT (RJ-45)</td>
<td>96456</td>
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<tr>
<td>Ethernet cable 25' 10/100BaseT (RJ-45)</td>
<td>96459</td>
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</table>

## Accessories

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement dust cover</td>
<td>91001-DC</td>
</tr>
<tr>
<td>One NEO console universe of DMX (512 channels)*</td>
<td>91002</td>
</tr>
<tr>
<td>24-inch touchscreen monitor (multi-touch)</td>
<td>91024</td>
</tr>
<tr>
<td>Additional / replacement console light</td>
<td>66219</td>
</tr>
</tbody>
</table>

*up to 100 can be ordered on one console