

# NEO X5 CONSOLE

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Name: \_\_\_\_\_  
Project: \_\_\_\_\_

The X5 is a compact, high-performance lighting console from the industry pioneer in moving head lighting control designed for medium to large-sized facilities that host multiple types of events, such as houses of worship, studios, concert halls and multipurpose venues, theatres, schools, and more. Leveraging over 150 years of combined experience in entertainment lighting control and running the mature Neo platform, the X5 console offers a feature-rich, customizable platform with capabilities targeting both theatrical and live event lighting.

The X5 is backed by a robust training and support system, with onboard training videos, global tech support, online forums and groups, and an interactive manual.



- Streamlined layout, and 5 multifunctional motorized playbacks with backlit encoders – adaptable interface that makes it easier to get things done quickly.
- Runs Neo software – powerful, mature software platform designed for both theatrical and live event lighting.
- Advanced effects engine with chases, timeline and waveform effects, pixel mapping and more – get the perfect look in less time.
- Integrated touchscreen – all-in-one console that can go wherever you need.
- Soft touch control screen – 7” touch screen next to the keypad, for quick adjustment to features such as framing shutters, gobo selection, color control, pan/tilt, etc.
- Rugged metal chassis with powerful processor, backlit Cherry keys, Bourns faders, and Neutrik connectors – premium hardware that’s built to last.
- 100 DMX universes – create any size show without purchasing universe upgrades.
- Strong CITP visualizer protocol support – simplified integration with industry-leading Capture software and other visualization platforms using CITP.
- Connect third-party UPS over USB and display info on screen – view UPS info in your console while reducing shipping costs. Works with most major UPS manufacturers.
- Backlit keys and optional gooseneck light – view notes easier in the dark.
- Support for ZerOS Wing for additional faders – add more faders when live busking.



VARI\*LITE

# Specifications

Due to continuous improvements and innovations, specifications may change without notice.

## Electrical

|   |                           |
|---|---------------------------|
| Operating Voltage                       | 100-240VAC                |
| Power Input                             | 1x Neutrik PowerCON TRUE1 |
| 12V Outputs (optional gooseneck lights) | 1x Neutrik 3-pin XLR      |

## Data

|                  |                                  |
|------------------|----------------------------------|
| Included license | 100x Universes (51,200 Channels) |
| DMX Out          | 2x Neutrik 5-pin XLR             |
| DMX In           | 1x Neutrik 5-pin XLR             |
| Display Outputs  | 2x DisplayPort (4K UHD)          |
| Gigabit Ethernet | 2x Neutrik etherCON              |
| USB 3.2          | 3x USB-C<br>2x USB Type-A        |

## Connectivity

|           |  |
|-----------|--|
| Protocols | DMX512<br>RDM<br>Streaming ACN (E1.31)<br>Art-Net<br>CITP<br>OSC (Bidirectional)<br>Generic RS232<br>Contact closures (unlimited via network and USB)<br>Vision.Net (Bidirectional)<br>KiNet<br>Shownet<br>ChilliNet<br>iCAN<br>Pathport<br>Enttec DMX USB |
| Files     | USITT ASCII Showfiles<br>GDTF  |
| Other     | Web Server and MySQL polling<br>iOS & Android app (incl. Interface Builder and note taking)<br>DMX Recorder and playback<br>Tracking palettes (live values mapped to incoming data stream)   |

## Certification and Safety

|            |  |
|------------|--|
| Conformity | UL 62368-1, IEC 62368-1,<br>CSA C22.2 NO 62368-1<br>FCC 47CFR 15, ICES-003, EN 55032, CISPR 32 |
|------------|--|

## Capacity

|  |
|--|
| 1,000,000 Cues   |
| 10,000+ Cue Lists  |
| 10,000+ Submasters   |
| 60,000+ Palettes<br>(Intensity, Position, Color, Beam, Edge and Presets) |
| Custom Palette types   |
| 10,000+ Groups   |
| 10,000+ Effects  |
| 10,000+ Macros   |
| 10,000+ Snapshots  |
| Customisable Curve Profiles  |
| Customisable Color and Position Paths                                    |
| 1,000,000 Cue notes  |
| Up to 10 remote sessions   |

## Software Key Features

|   |
|---|
| Full tracking and optional non tracking               |
| Tabbed Magic Sheets                                   |
| 7 powerful effect (FX) engines                        |
| Pixel Mapping (static images, videos or live input)   |
| Pixel animator  |
| Visual timecode editor (for auto cue timings)         |
| Video playback (incl. cross fading)                   |
| Internal timecode (from media) and timecode generator |
| AI Command Line prediction                            |
| Smart encoder helper tools                            |
| Partitioning and multi user                           |
| Offline mobile patch tool                             |
| Dedicated task scheduler                              |

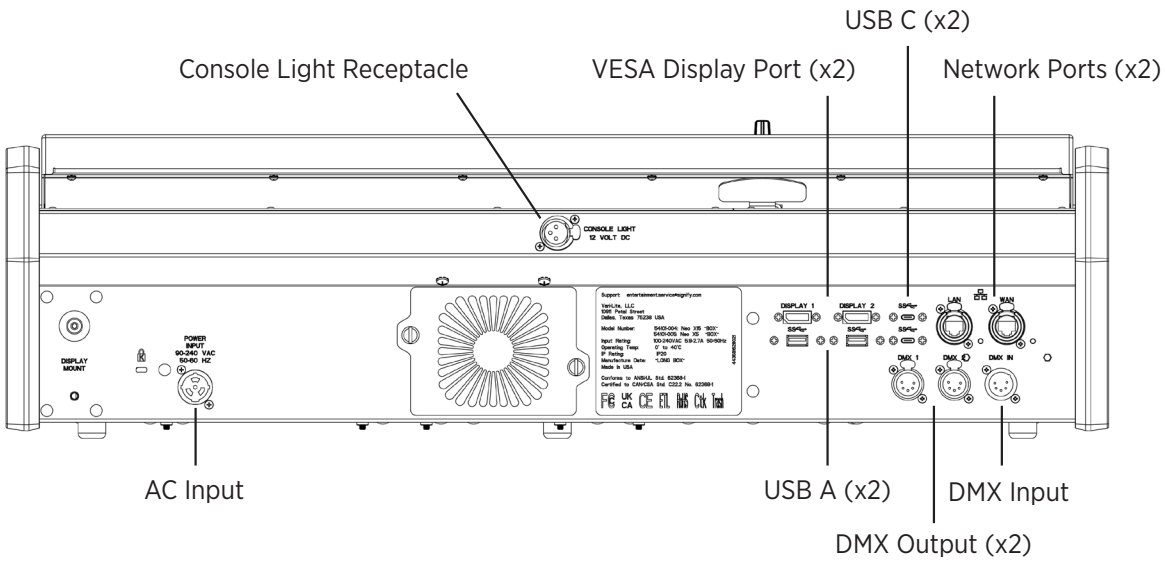
## User interfaces

|                       |   |
|-----------------------|---|
| Internal touchscreens | 1x 15.6" (Full HD, Anti-Glare), 1x 7"                         |
| External touchscreens | 2x 4K UHD (optional)  |
| Faders                | 8x 100mm Motorized Bourns Faders (100 pages)                  |
| Syntax keys           | 112x Cherry MX Keys   |
| Encoders              | 5x Attribute, 1x Intensity,<br>5x playback, 2x user definable |

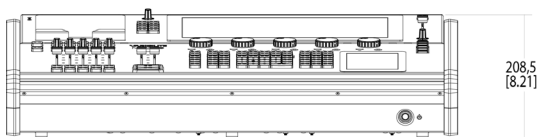
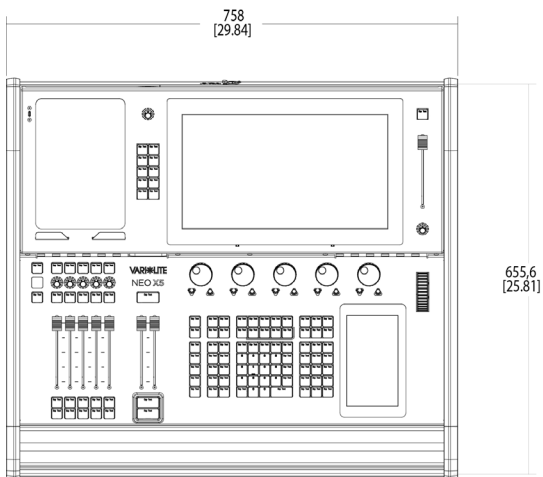
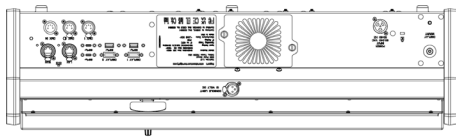
## Physical

|                       |   |
|-----------------------|---|
| Color                 | Black & Dark Grey                         |
| Operating temperature | 0-40°C (32-104°F)                         |
| Storage temperature   | 0-35°C (32-95°F)                          |
| Humidity              | 0-95% non-condensing                      |
| Dimensions            | 218 x 758 x 656 mm (8.6 x 29.8 x 25.8 in) |
| Weight                | 30.4 kg (67 lb)                           |

# Connections



# Dimensions



# Product and Accessories

| <b>Product type</b>                           | <b>Order Code</b> |
|---|-------------------|
| Neo X5  | 54101-005         |
| Comes with dust cover & power input connector |                   |

| <b>Accessories</b>               | <b>Order Code</b> |
|----------------------------------|-------------------|
| Monitor Arm - Neo X (VESA Mount) | 54101-006         |
| Gooseneck Lamp - XLR3M (24in)    | 86303-024         |

