



NEO COMPACT 10 CONSOLE



The Strand NEO Compact 10 Console is a powerful, full-featured lighting console in a small form-factor. The NEO Compact 10 Console is the most powerful lighting console in its class, thanks to the full-featured NEO operating system and robust processing power. NEO Compact 10 includes licensing for 4 DMX universes by default and is upgradable to 10 universes of output, bringing flexibility to any application. The NEO Compact 10 can be used anywhere, whether that's on the go, at front of house or installed in an equipment rack with the optional rack mount kit.

Thanks to the intuitive user interface comprised of an internal 7" touchscreen, 10 user defined faders and on-screen keyboard the NEO Compact 10 can operate lighting with ease. The ability to add an optional external touchscreen provides an additional touch point of control. NEO software offers fast programming, with 7 different effects engines and pixel mapping capabilities for a variety of easy-to-use looks.

Designed with installations in mind, NEO directly integrates with Strand Vision.Net architectural control as a control station allowing for optimal integration between show and architectural control. The Strand NEO Compact 10 is an excellent lighting console for small to mid-sized applications such as professional or educational theatres, broadcast studios, houses of worship, and live event production.





NEO COMPACT 10 CONSOLE

FEATURES AND BENEFITS

- **Small form factor with rackmount options** - powerful enough to run the most advanced lighting system, yet small enough to fit in an equipment rack
- **4 DMX universes standard and expandable up to 10 DMX universes** - control all the fixtures in your system with the flexibility to expand
- **Mature connectivity** - robust built in connectivity that scales to meet your needs including 2 DMX out, 1 DMX in, Ethernet, HDMI, and USB
- **Internal 7" touchscreen with support for an external touchscreen** - intuitive touch control when used standalone or with an external touchscreen
- **10 user-defined faders across 10 virtual pages** - provides the functionality of up to 100 user-defined faders in a compact footprint
- **NEO software** - mature control platform with advanced capabilities, optimized for a smaller footprint
- **7 on-board effects engines and pixel mapping** - quickly find the look you need with less programming time
- **Integrated keyboard and command-line support** - rapidly program the lighting cues for your production
- **User-configurable buttons, faders, and palettes** - adapt NEO to the way you work
- **Vision.Net integration** - easily control architectural lighting from your NEO console
- **Strand Advantage** - use Strand®, Vari-Lite®, or Color Kinetics® luminaires without using your licensed DMX universes

STRAND ADVANTAGE DMX

Every NEO lighting control console benefits from the Strand Advantage DMX model. This allows you to patch any Strand®, Vari-Lite®, Color Kinetics® or legacy Selecon and Showline branded luminaires without consuming the console's licensed DMX outputs. With Strand Advantage DMX, you can control thousands of luminaires at no additional cost or output license limitations.

LIMITED WARRANTY

Every Strand product is backed by a minimum 2-year limited warranty against manufacturing defects and workmanship. Refer to the Strand Limited Warranty Card available at www.strandlighting.com/global/support/warranty for more details.



NEO COMPACT 10 CONSOLE

POWER

AC voltage	100-240 V AC, 50-60 Hz
Typical power and current	60 W, 1.4 A

CONNECTIONS

DC power in	Locking barrel socket, 12 V DC, 4 A
Data in	1x Neutrik 5-pin locking XLR
Data out	2x Neutrik 5-pin locking XLR
Ethernet data	1x Neutrik etherCON
Serial data, rear panel	3x USB 3.0, Type A
Serial data, front panel	2x USB 2.0, Type A
Security lock	K-Slot

PROTOCOLS

Connectivity	DMX-512A Streaming ACN (sACN) RDM Art-Net Strand ShowNet Color Kinetics KiNet Pathport Protocol
---------------------	---

LICENSING

Included	4x Universes (2,048 channels)
Optional	10x Universes (5,120 channels) maximum

USER INTERFACES

Touchscreens	1x 7 in. internal, 1x optional external
Faders	10x non-motorized, user-defined, 10 pages (100 total)
Encoders	1x Level wheel, 4x attribute encoders

PHYSICALS

Housing	High-impact flame-retardant thermo-plastic
Color	Dark gray
Ingress protection rating	IP20
Dust cover	Polished polyurethane, black
Optional rack mount kit	Aluminum, black

ENVIRONMENT

	°C	°F
Operating temperature	0-40	32-104
Maximum surface temperature, steady state, at 25° C ambient	63	145.4



NEO COMPACT 10 CONSOLE

Cooling	Convection cooled
Relative humidity	0-95% non-condensing
Total calculated heat dissipation	163.8 BTU/hr

DIMENSIONS (L x W x D)	mm	in.
Console only	486 x 302 x 91	19.1 x 11.9 x 3.6
Packed dimensions	610 x 350 x 152	24 x 13.8 x 6

INSTALLATION	
Mounting	Standing or rack-mounted
Clearance	76.2 mm (3 in.) left and right
Rack unit	7U (without cable connections)

WEIGHT	kg	lb
Console only	2.47	5.45
Packed weight	4.48	9.9

APPROBATIONS	
Approvals / Listings	CSA C22.2 No. 62368-1 EN 62368-0 UL 62368-1



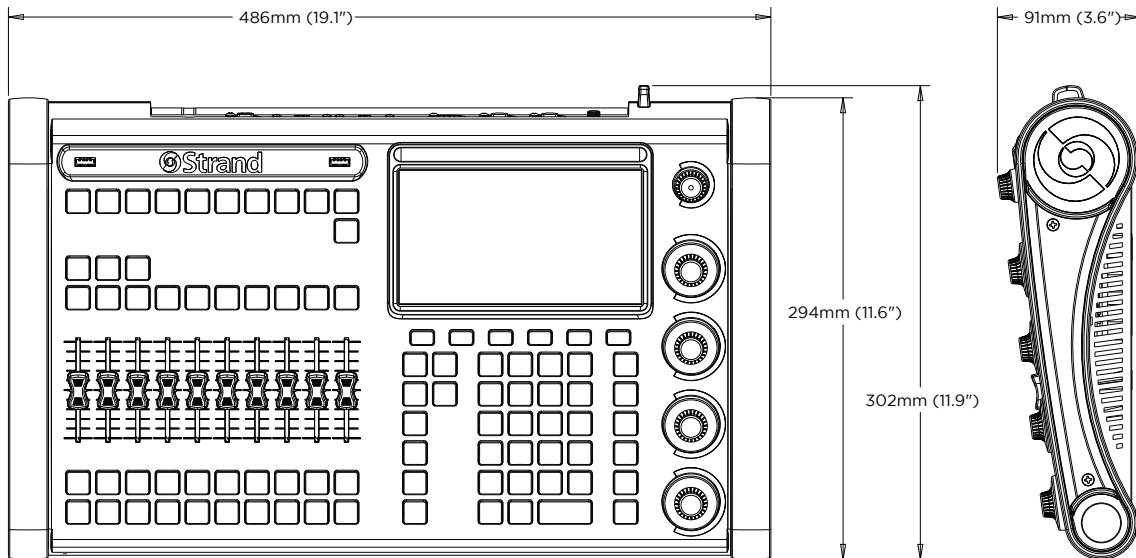
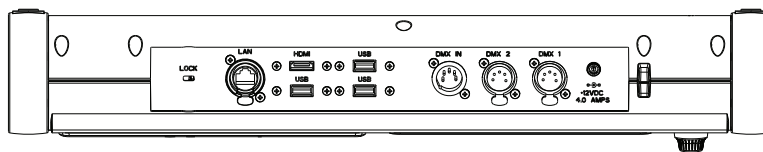
INCLUDED ITEMS

- Power supply, 12 V DC, 5 A, 5' (1.5 m) lead
- Power input cable, EU, IEC C13, CEE 7/4, 6 ft. (1.83 m)
- Power input cable, US, IEC C13, NEMA 5-15P, 6 ft. (1.83 m)
- Power input cable, UK, IEC C13, BS-1363-1, 6 ft. (1.83 m)
- Dust cover



NEO COMPACT 10 CONSOLE

PRODUCT NAME	ORDER CODE
NEO Compact 10 Console, 4 Universe	54104-010
PERIPHERAL EQUIPMENT - CABLES	
DMX512 control cable 25' (A5F to A5M)	95090
Ethernet cable 10' 10/100BaseT (RJ-45)	96456
Ethernet cable 25' 10/100BaseT (RJ-45)	96459
ACCESSORIES	
NEO Compact 10 Rack Mount Kit	54104-910
NEO 10-Universe License	54101-002
24-inch touchscreen monitor (multi-touch)	91024
NEO Compact 10 Replacement Power Supply, 12V, 5A	54104-901
NEO Compact 10 Replacement Dust Cover	54104-911



©2020 Signify Holding. All rights reserved.

All trademarks are owned by Signify Holding or their respective owners. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Ref: 54104-010-00