

KONTROL COMMAND LITE SERIES

MAY 2018, V1.2

A&E SPECIFICATION



(example 3D image shown)

1.0 INTRODUCTION

The Kontrol Command Lite Series Console range offers unrivalled flexibility for Command & Control Rooms. Providing an efficient and ergonomic workspace that conforms to the Human Factors requirements set out in the International Standard ISO11064.

The Kontrol Command Lite Series is manufactured in high quality contemporary materials of light and contrasting dark grey.

Based on a series of modular components with a wide range of accessories, Kontrol Command Lite series will adapt to future changes in configuration, equipment and operation.

Please refer to Section 7 for typical arrangements and console features. Scaled drawings for each control room configuration shall be supplied in PDF format, in AutoCAD format if required, and will include the specified control room equipment.

2.0 GENERAL DESCRIPTION

Modular design. Each console will consist of a series of standard bays to form consoles as required and to provide the most ergonomic arrangement for the number of operators and the specified control equipment.

- Corners and corner sections in both standard and custom sizes will provide flexibility to create both curved and angled consoles (15, 22.5, 30, 45 and 90 degrees as standard with custom corners available as required).
- Each modular bay is based on an independent modular powder coated steel frame complete with, levelling feet, CPU shelf, hinged rear and front powder coated steel door, removable front panel and integral cable management. Cable management shall allow for access from a raised floor to each bay with horizontal and both vertical routes built into each individual bay. As standard, each bay shall also have mounting points for the following optional accessories: fixed and pull out equipment shelves, rack mount inserts, industrial grade power outlets and low-noise ventilation fans. Operators work surfaces have a 12mm thick compact laminate surface, to standard EN13986. Work surface edges will be contoured and the corners will carry a radius. The work surface height will nominally be 735mm high to comply with ISO11064 and the legroom below will be a minimum of 750 mm.
- Each console bay shall incorporate a drop down to allow for system displays to be mounted on purpose designed monitor arms.
- Flat screen mounting arms are to be supplied suitable for both 75 and 100 mm Vesa mounts. Available in single, dual or triple mount options and all to incorporate cable management. Touch screens shall be mounted within 400 mm of the operator also on articulated mounts.
- Cable management routes are provided both horizontally and vertically throughout each console, with the option for the systems integrator to install additional proprietary cable management solutions if required.
- Equipment mounting within each console bay shall be accessible by hinged lockable doors to the rear and lockable panels to the front of each bay.
- Ventilation shall be provided to allow natural airflow through the console with optional low noise ventilation fans being available in both 110 and 220 volts.
- Optional rack mount inserts shall be available and comply with Electronic Industry Association specifications.

3.0 CONSOLE FRAME & FINISHES

- Console modular frame will be fabricated from 1.6 mm and 2.00 mm mild steel powder coated in standard RAL 7012.
- Prior to manufacture each set of approved drawings will also be provided with colour rendered 3D images.
- Optional steel components will be 1.6 mm and 2.00 mm mild steel powder coated in standard RAL 7012.
- Console side panels, will be 25mm finished light and dark grey panels. Console doors will be powder coated RAL 7035.

4.0 ASSEMBLY

The console system shall be suitable for assembly by local semi-skilled labour using our assembly video & illustrated instructions printed in the English language. Alternatively LundHalsey can provide personnel for full installation services or supervised assembly as well.

5.0 PACKAGING

All goods will be suitably packed to protect them during domestic or export delivery by air or sea, arrival and appropriate storage on site and delivery into the designated areas before unpacking prior to final assembly. Component parts shall be individually identified to ease assembly.

6.0 WARRANTY

The manufacturer shall provide a written warranty against defects in workmanship or materials, subject to normal use, for the following periods.

- Modular steel frames - lifetime warranty
- Work surfaces - 10 years
- Doors and panels - 10 years
- Monitor arms - 2 years
- Moving parts - 2 years

DRAWINGS & DETAILS

7.1 TYPICAL STRAIGHT CONSOLE – FRONT VIEW



(example 3D render)

TYPICAL STRAIGHT CONSOLE – REAR VIEW



(example 3D render)

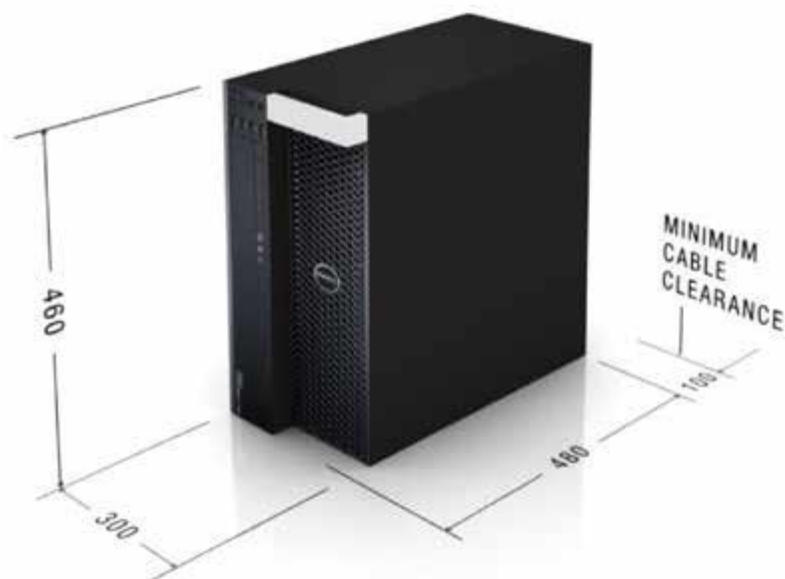
7.3 TYPICAL CROSS SECTION



(example 3D render)

7.4 PROCESSOR DIMENSIONS

7.4.1 640MM BAY PROCESSOR DIMENSIONS



7.4.2 960MM BAY PROCESSOR DIMENSIONS



8.0 CABLE MANAGEMENT

Cable management routes are provided both horizontally and vertically throughout each console, with the option for the systems integrator to install additional proprietary cable management solutions if required

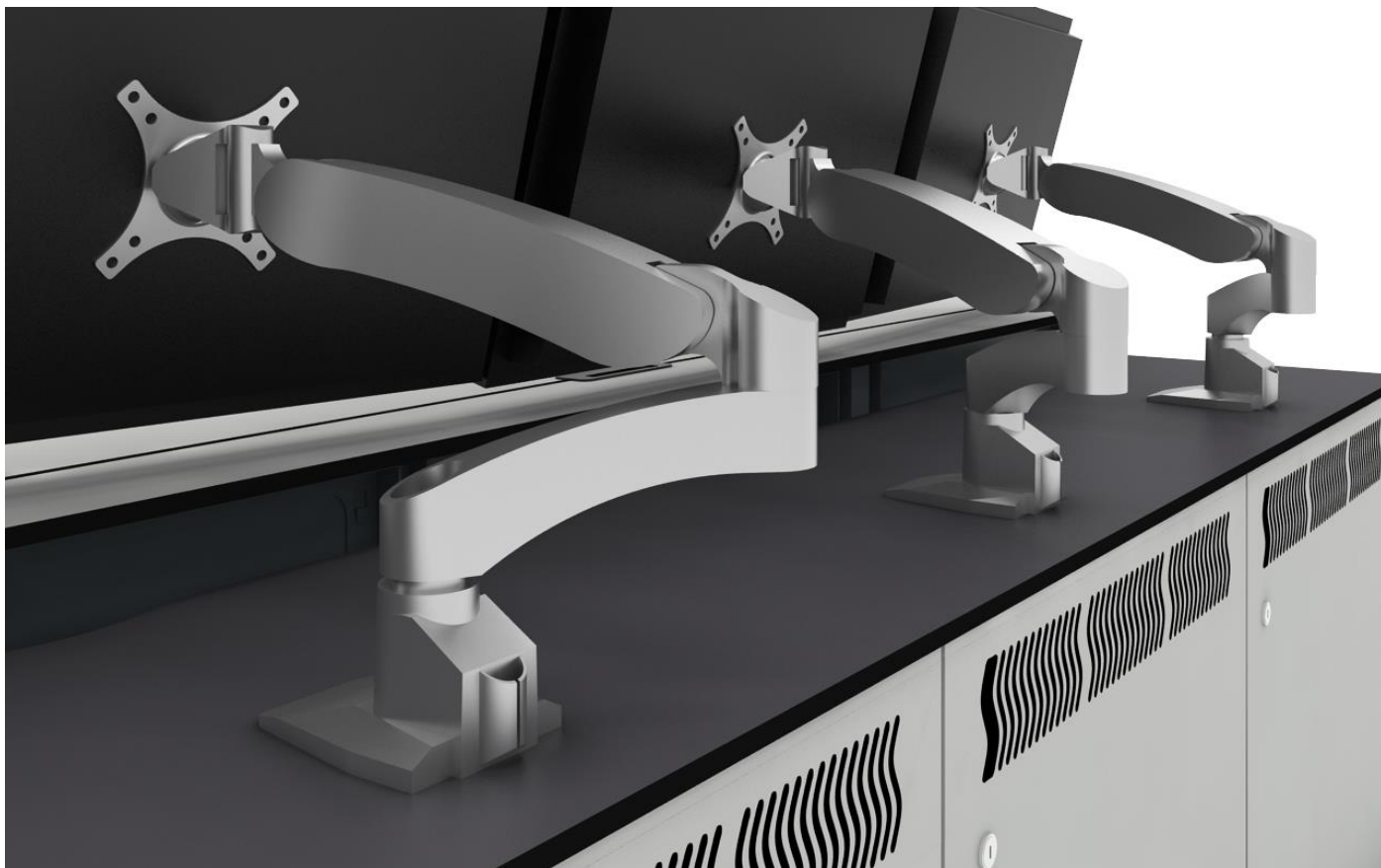


9.0 CONSOLE FINISHES

- **Work surface** 12mm Compact Laminate - Light Grey
- **Rear Shelf** 12mm Compact Laminate - Dark Grey
- **Rear Hinged Doors** Vented Powder Coated Steel
- **Front Lift Off Panels** Powder Coated Steel
- **Side Panel** Dual Colour Feature Panel
- **Kicker** Powder Coated Steel RAL 7012 as per render
- **Monitor Arm** Single LundHalsey Arm in Silver as per render

10.0 OPTIONAL ACCESSORIES

10.1 SINGLE MONITOR ARM



- Designed for screens up to 24" / 9kg
- Fits screens with VESA mounting patterns 75 x 75mm and 100 x 100mm
- Concealed cable routing with access cut into console
- Maximum extension is 590mm
- Full motion adjustability

10.2 OPTIONAL ACCESSORY - PULL OUT PC TRAY



(Note compact laminate rear doors shown in the above image, steel doors will be supplied)

- Rear Pull out PC tray (shown above) for easy access to cabling
- Front Pull out option also available for applications with restricted rear access
- Tray mounted on full extension ball bearing runners

10.3 OPTIONAL ACCESSORY - DESKTOP POWER & DATA MODULE



- Touch controlled electronic operation (manual version also available)
- Raised above work-surface to reduce ingress from spilt fluids
- Unique foam mounting & coupler design for quieter operation
- Additional modules available for data / media / USB etc.

10.4 POWER DISTRIBUTION UNIT



(Typical example shown)

- Earth bonded for total safety, compliant with ROHS certification.
- Manufactured using BS1363 Tee Sockets
- Set in black powder coated mild steel metal work.
- Standard 3 meter 3 core cable
- Option for Daisy Chain Links