

DESKWORX DESKLINK® CONSOLE

1.0 DESKLINK® CONSOLE OVERVIEW

The DeskLink console is a complete open desktop solution specifically designed for technology intensive control room environments. It is designed with ergonomics and style that lends itself to any number of mission critical environments and provides flexible and comfortable workspaces that allow your operators to focus on the tasks at hand.

The DeskLink design focuses on customization to tailor each console to the needs of the user with the goal of optimizing workplace effectiveness through innovative options and features combined with aesthetic flexibility.

2.0 DESKLINK® CONSOLE DESCRIPTION

The console has the following features and capabilities:

A. Modular Configuration.

Flexibility is the main factor behind modularity of the DeskLink solution. Consoles can easily be transformed from a single to a back-to-back option; Standard unit widths available are 24" (610 mm), 30" (762 mm), 48" (1220 mm), 60" (1524 mm), and 72" (1829 mm).

B. Contemporary Styling.

A wide selection of colors, textures and surface finishes are available to easily integrate DeskLink into any environment regardless of current products or design.

C. Human Factors Based Design.



The Link console is designed to accommodate all guidelines and applicable ergonomic standards including ANSI/BIFMA X5.5-2008, and ISO 9001

E. Corners.

Custom room layouts are achieved with integrated corners and mitres.

Operator rows can be curved for optimal sightlines to large-screen displays. Curves and mitred corners are available from 5° to 45° and available for all console depths.

F. Rear Slatwall.

Standard slatwall heights include 5" (127 mm), 10" (254 mm), and 15"

(381 mm) and can be combination of slatwall and partition structure. The slatwall design

can be configured to accommodate equipment mounting on both sides and in a back-to-back configuration both modules share one set of slatwall. DeskWorx also offers a variety of desk accessories that mount on the rear slatwall, including telephone mounts, VESA monitor mounts, binder holders etc.

G. Component Accessibility.

Front and optional rear access doors provide high accessibility for installing, operating and servicing equipment. Front and back access is through hinged doors. Custom door options include sliding and clip out doors. The removable rear infill panels create instant access into the consoles cable management track from above.

H. Equipment Mounting.

DeskLink consoles accommodate computer equipment with a variety of optional shelves and trolleys. Fixed or slide out shelves are available with a sliding panel. A door mounted processor shelf is also available for hinged door applications.

I. Wire and Cable Management.

DeskLink consoles provide a convenient open cable channel that runs uninterrupted into adjacent desks in the upper and lower portion of the frame. The integrated cable tray is easily accessible by removing the infill panels on the worksurface. A variety of cable management options accommodate electrical and data service. Duplex boxes, outlets and data jacks can be mounted on the upper and lower termination boards.

J. Work surface.

Deskworx worksurfaces are constructed of high pressure laminate designed to provide a smooth, level work area, while complying to applicable ergonomic standards, including view and reach distances, keyboard height, and knee-well space. Standard worksurface height is 28

½ in (724 mm). Nosing and edging is of anti bacterial, UV resistant urethane, available in a variety of ergonomic profiles, designed specifically for high use/technologically intensive environments.

Height adjustable options provide further flexibility, allowing for sit/stand capability if needed.

1.2 Quality Assurance & Manufacturing Capability

The manufacturer will assemble products prior to shipping to ensure quality of fit and finish. In addition, photographs of assembled consoles may be provided if required by the end user.

All worksurfaces for equipment consoles shall be constructed within tolerances of 1/64". All equipment mounts shall be constructed to within tolerances of 0.020" for metal components.

The manufacturer will provide all design services, metalwork, woodwork and millwork to ensure product consistency and lead time.

1.3 Submittals

Detailed drawings of console and equipment layouts for coordination of site measurements, architectural, mechanical, and electrical project elements will be provided for each console type.

CAD drawings of each console type with equipment per application can be supplied if required.

Full renderings of consoles and room can be supplied on request. Upon request manufacturer will supply a pre-production review, to include a drawing submittal and component listing complete with samples of selected finish materials.

Manufacturer can provide samples of the following material components which demonstrate workmanship:

- Worksurface sample with ergonomic nosing
- Cross section sample of the main structural steel frame member
- Aluminum slatwall and track mounting options
- Paint samples

1.4 Ergonomics and Operator Safety

DeskLink consoles are designed in accordance with the ergonomic standards of ANSI/BIFMA X5.5-2008,

The work surface platform shall have smooth edges and transitions.

Sharp edges with in the console base are not acceptable and represent potential operator safety issues.

For height adjustable worksurfaces, all human-machine interface-related equipment (display, keyboard, mouse, etc.) will travel with the upper console section. Any variety or combination of input/output devices must be accommodated by the system. Reach and viewing distances/relationships will not be compromised when console is in standing position.

2.0 DESKLINK® CONSOLE MATERIAL SPECIFICATION

2.1 General

DeskLink Consoles are of modular design, capable of future equipment retrofits and full reconfigurations without requiring major modification to the structure. The console structure, sub structure and frame will form a freestanding unit independent of the exterior cladding. The consoles are manufactured to industry recognized ISO 9001 quality standards.

2.2 Console Frame Structure

Sheet Metal Parts.

All sheet metal used shall be cold rolled steel; these components ensure square, rigid connection of the full frame assembly,

- Console-to-console “ganging” connections
- Corner frame support positions
- Attachment of wood surfaces, front, rear and end panels.
- Slatwall support channels

All sheet metal parts are produced on CNC machines to ensure precision.

- Cast Aluminum, powder coated / anodized
- Door Frames 14 Gauge Cold rolled steel, powder coated
- Corner connections 14 Gauge Cold rolled steel, powder coated
- Front and Rear support brackets 14 Gauge Cold rolled steel, powder coated

Metal Finishes. All sheet metal parts are finished with a durable, black, and electrostatic powder coating.

2.3 Internal Components and Attachment

Components shall have the following properties:

- Worksurface support arm 12 Ga. CRS, powder coated
- Worksurface support stiffener 11 Ga. CRS, powder coated
- Fixed processor shelf 16 Ga. CRS, powder coated
- Door mounted shelf for processor 14 Ga. CRS, powder coated
- Internal termination boards 5/8" (15.875 mm) Melamine Laminate

Processor Shelf

- Fixed Shelf - 155 lbs. (70 Kg) load, 14 gauge CRS, Powder coated black
- Door mounted shelf for processor – 14 gauge CRS, Powder coated black
- Slide out shelf – 100 lbs. (45 Kg) load, 16 gauge CRS, Powder coated black

Standard Size of Equipment Shelves

- Fixed Shelf – 21" (533 mm) x 9" (228 mm) x 20" (508 mm)
- Door Mounted shelf – 16 ¾" (425 mm) x 9" (228 mm) x 17 ½" (445 mm)
- Slide out shelf – Made to interior size of console

2.4 Worksurfaces and Panels

Panels and worksurfaces shall have the following properties:

Worksurfaces

- Materials: 1" 3/16 (30mm) particleboard, high-pressure laminate surface
- Finish Horizontal laminate.
- Static Load 50-lb./ linear ft.

Panels

The DeskLink console offers hinged doors as a standard for front and are optional for the rear. Sliding and clipped panels are also available as options. Hinged panels will hinge from the frame. Custom panel options include rear-sliding panels and clipped panels. DeskWorx offers custom options include High-pressure laminate or Veneer.

Sliding Doors

- 14 Ga CRS. Powder coated black, with ventilation holes. (Optional fans)

2.5 Rounded Polyurethane Worksurface Nosing (waterfall nosing, optional)

The worksurface edge (nosing) includes an ergonomic sloped edge for operator comfort and help to eliminate contact stress. The worksurface nosing is constructed of a molded urethane edging. Nosing shall be able to accommodate minimum radius bends of 12 inch (30 cm) either in a convex or concave configuration to conform to the console design.

2.6 Electrical Devices

Components shall have the following properties:

Power bar (Optional)

Powerbars will be industrial grade for North America or International powerbars for overseas with the following specifications.

- UL Listed (1363), CSA Certified
- Several cord terminations are available as well as adapters, depending on application requirements.

Ventilation Fan (Optional)

Fans are available for mounting on the doors. Projects may require blower motors for a console with an above average amount of electronic equipment, or with equipment emitting a greater than normal levels of heat.

2.7 Custom Options

As every project has many unique requirements the following options are available to increase the functionality of your console solution.

- Surge protected power bars.
- Convenient duplex box and receptacle with cover plates.
- Termination board cover panels
- Worksurface return with support panel. (Fixed worksurfaces only)
- Worksurface return with fixed pedestal. (Fixed worksurfaces only)
- Under surface keyboard trays.
- Mobile pedestal - (various configurations)
- Fixed pedestal - available in different configurations
- Articulating monitor arms (multiple monitor mounts available)
- Continuous LED task light option
- Overhead LED light option
- Business card holder (painted metal).
- Large and Small File trays (painted metal)
- File tray (painted metal)
- Envelope tray (painted metal)
- Pen / pencil cup (painted metal)
- Cup holder (painted metal)
- Picture holder (painted metal)
- 2 piece end-panels.
- Ventilation fans
- Sound dampening panels
- Architectural divider panels
- Fabric panels

3.0 SHIPPING AND INSTALLATION

3.1 Packing

The manufacturer will package the components in a manner that will ensure the product is undamaged and complete arrival at the destination.

- a. All panel, worksurface, and accessory elements will be detached from the structural modules and packed in strapped corrugated containers with protective material.
- b. All containers are to have their contents listed on the outside of the packaging for quick reference at destination.
- c. All components must be blanket-wrapped and shipped in LTL or dedicated air-ride transports. Delivery instructions must be confirmed before the packaging of materials.

3.2 Shipping

The console supplier shall make the following modes of shipping available:

- a) Consoles will be stripped down and shipped with a minimal amount of packaging.
- b) Consoles will be shipped with professional furniture movers on air ride trailers. The product will be hand loaded into the trailers, and each piece protected with padded blankets. Minimal amount of stacking is permitted, so the use of logistic trailers is the standard.

The freight quotation shall cover the services of multiple staged delivery activity as mandated by the project management schedule. This activity covers the movement of the delivery vehicle from the console supplier to the destination site and the direct off-loading into the facility. Any additional services including, but not restricted to, after-hours delivery, unionized labor requirements, load transfers to shuttle equipment, excessive distance carry or specialized offloading equipment will be invoiced accordingly.

3.3 Installation

The console supplier will provide the following forms of installation support and service:

- a) Installation labor and site supervision

b) Site supervision of client-provided installation labor

c) Installation manuals with the client providing installation labor and site supervision.

Modules are able to be assembled using standard tools without any site cutting or drilling.

The console supplier shall provide a set of hand tools. Each module will be rigid and selfsupporting

to permit individual removal, relocation or modification of adjacent modules.

3.4 Schedule

Upon award of a contract or issuance of a purchase order, the console supplier will prepare and submit a project schedule with specified dates, based upon the following key milestones:

- Detailed requirements analysis
- Final design submittal
- Pre-production approval submittal
- Fabrication period
- Factory acceptance/packing & shipping
- Delivery date
- Installation.

4.0 WARRANTY

Vendor will provide the following minimum warranty terms against defects and workmanship.

a) LIFETIME WARRANTY on all fixed structural frame components;

b) All static exterior panels and work surface components for a period of five (5) years; and,

c) All adjustable, sliding or hinged mechanisms or parts for a period of five (5) years.

5.0 TERMS AND CONDITIONS

Standard Terms are 50% Deposit with the Order, 40% Net 30 Upon Console

Shipment, 10% Net 30 Upon Installation