

intech furniture

Console Specification

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Section 1 - Materials

1.1 Moisture Resistant MDF (Medium Density Fibreboard)

MDF/MR (moisture resistant) will be utilised for installations where severe fluctuation or variations of temperature and humidity is anticipated to prevent movement and shrinkage. Standard MDF to conform to BS 1142 1989 is specified throughout unless otherwise stated.

1.2 Hardwood Edging/Buffer

Hardwood edgings/buffers, with a rounded top and bottom, for prevention of accidental damage are fitted to all script areas. The edging is finished with a satin water based lacquer for ease of refurbishment in the event of accidental damage, and the maintenance of pristine condition. Alternatively T-bar plastic edging is available when requested.

1.3 Facias

1.3.1 Plinths and all internal structures are made from Kronospan double-sided brown/black melamine faced board.

1.3.2 18mm MELAMINE FACED MDF From the Kronospan Kolorband range to be used for the area utilised for all external surfaces, is used for all internal panels on unsecured surfaces.

1.3.3 Marmoleum Dual Linoleum manufactured by Forbo Nairn will be used on all script areas, it being extremely durable and hardwearing and offers excellent appearance retention with low associated maintenance costs. Choice of finish of Marmoleum Dual must be matched/contrasted with edging/buffers.

1.4 Fans

Low voltage intake fans will be fitted into plinth sections; number of fans is dependent upon the amount of internally generated heat within the console. All fans will be complete with finger guards on rear and filters/guards on front. Fans will be individually fitted to plinths where \S when required, but not electrically installed.

1.5 Locks

All removable service access panels and specified doors and drawers will be secured by budget type locks to restrict access to unauthorised personnel.

1.6 Black 'Keku' Fasteners

Are fitted to all removable monitor-housing panels to allow for ease of access and change.

1.7 "Shrinkage Brackets"

Are fitted to join all fixed panels, these allow for precision joints to all external surfaces of the console.

1.8 Ventilation

ventilation will be through concealed shadow gaps to the rear of the Console.

1.9 Cable Management

Adequate cable management ways are provided to facilitate the use of any additional/ temporary equipment that may be used after completion of the console. Cable management facilities will be as manufactured by Häfele Limited.

1.10 Handles

All handles employed shall be 'D' type as manufactured by Häfele Limited and colour matched or contrasted with console finishes.

1.11 19" Rack System

Industry standard, powder coated black metal 19" racking system, to purpose cut sizes for specific requirement, when fitted.

1.12 Equipment Shelf Supports

used in association with the 19" racking system is custom made affording adequate support for any monitors or associated equipment being fixed via nut and bolt.

Where racking is not fitted, equipment cradles will be fitted to the side of the frames, behind monitor fascias.

Section 2 - Base Construction:

2.1 Base Sections/Supports

Shall be constructed from 100mm brown melamine faced MDF laminated to both sides. This structure allows for maximum service space within the console and eliminates the use of any internal gables/supports.

2.2 Gables

Will be formed to suit design & made from 18mm MELAMINE FACED MDF From the Kronospan Kolorband range

2.3 Plinths

Will nominally be 120mm high black melamine faced MDF with necessary cut-outs for the installation of low noise intake fans and vents.

2.4 Service Access

Will be afforded by means of hinged lockable MDF doors, made from 18mm MELAMINE FACED MDF from the Kronospan Kolorband range

2.5 General Cupboards

Shall from 18mm MELAMINE FACED MDF From the Kronospan Kolorband range. The cupboard will be fitted with an adjustable, brown melamine MDF shelf.

2.6 VCR Viewing Cupboards

Will be fitted with a glazed Perspex viewing panel in a location to suit equipment to be installed.

2.7 Drawers

All drawers, whether for tape storage, or general purpose, shall be made from 18mm MELAMINE FACED MDF from the Kronospan Kolorband range. The bottom and back of the draws are black melamine faced MDF, and the sides being metal for additional support.

2.8 19" Racking

Shall be fitted as required to facilitate non-manual operation equipment within base sections of the console.

Section 3 - Script Area Construction:

3.1 Construction

Script areas shall be constructed as follows:-

Made from a 22mm MDF faced with Marmoleum Real Lino from Forbo Nairn with a T/Bar bumper or H/Wood edging for protection against accidental damage.

3.3 Marmoleum

All script area tops will be fitted with Marmoleum Dual, a calendared sheet linoleum, manufactured predominantly from natural raw materials which is indentation, chemical and heat resistant.

3.4 Hardwood Edging/Buffer

The outer face of all script areas shall be fitted with a hardwood edging/buffer with a rounded top and base edge secured internally with suitable fixings. The edgings, for durability, will be coated with a water born satin finish lacquer.

3.5 Cable Management

Cable management ways will be formed into the script area top co-ordinated with previously mentioned framework. An adequate number of ways will be fitted. Cable way access facilities will be nominally 80mm diameter.

Section 4 - Top Section:

4.1 Construction

Shall be constructed from 100mm brown melamine faced MDF laminated to both sides. This structure allows for maximum service space within the console and eliminates the use of any internal gables/supports.

4.2 End Gables

Will be formed to suit design and made from 18mm MELAMINE FACED MDF From the Kronospan Kolorband range.

4.3 Equipment Facia Panels

Panels will be made from 18mm MELAMINE FACED MDF From the Kronospan Kolorband range .

The panels will be cut to suit equipment required with a maximum of 1mm tolerance and will be secured by Keku fasteners.

4.4 19" Racking

19" racking will be installed as required to facilitate custom equipment supports, fitted in appropriate locations.

4.5 Equipment Supports

The custom made equipment supports will be complete with brown melamine faced laminated shelves as previously described. 18mm MELAMINE FACED MDF from the Kronospan Kolorband range. These shelves will be securely fixed to custom made equipment supports and in turn to 19" racking.

4.5 Ventilation

Shall be afforded via patent alloy grilles suitably positioned to allow natural convection of internally generated heat. Vent grilles will be fixed into top sections.

Section 5 - Quality:

5.1 Flexibility

It is of the utmost importance that the absolute maximum flexibility is built into the console. With ever increasing technology equipment installed today could be replaced within 5 years thus the important requirement for the facia panel and racking system method adopted for console design and construction.

5.2 Durability

As it is envisaged that the console will be in operation for some 15 to 20 years, it is vitally important that both materials and construction integrity is of the highest quality.