'EC' Studio Console Catalogue 2008



The 'EC' Studio Console modular construction system has been developed by MW-ELDECO as a result of their many years of experience in designing and installing Broadcast and Professional Television systems worldwide.
A requirement was established for a high quality construction system that provided all the best features of custom made furniture whilst at the same time giving greater flexibility to cater for last minute layout changes or future re-configuration, coupled with speed of delivery, ease of shipping, ease of installation – even for sites with difficult access- and all at an economic cost.
The 'EC' Console system meets all these requirements, and more, and has been hugely successful with well over 2000 systems installed worldwide.
'EC' Consoles use a Steel frame, 'flat-pack', construction system fitted with high quality panel work and real wood trims that, when assembled, has the appearance of a fully custom built unit. Despite using largely 'off the shelf' components an almost endless variety of layouts can be achieved from stock parts, minor customisation can also be easily applied to a basic design when required.
The 'EC' Console system offers the customer the best of both worlds. The finish and design features of custom made furniture coupled with the cost effectiveness, speed of delivery and a method of construction allowing for re-configuration for future equipment install changes or site re-location.
To assist clients in choosing a layout MW-ELDECO have developed their own unique software, AVSYS 3D, this coupled with our extensive systems experience, enables us to offer prospective clients a free, high speed, design, visualisation and costing of practical solutions prior to any final commitment.

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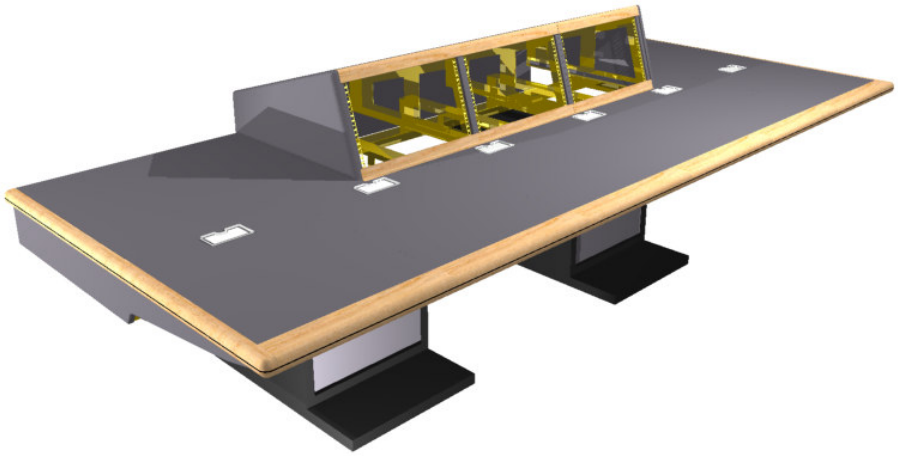
The 'EC' Series Studio Console System

The ELDECO 'EC' Studio Console Construction System offers many advantages to the user over custom built units and "utility" off the shelf systems.

MAIN FEATURES

- Modular construction from 'off the shelf' parts for quick delivery and flexibility of layout also allows for future design modifications.
- Attractive styling combined with the highest quality materials match the style and appearance of top quality custom built furniture.
- Flat packed for ease of shipping and ease of access to even the most difficult installation sites.
- Large range of parts means great flexibility of design layouts. Standard layouts easily customised.
- Free high speed 3d layout design and installation planning service.
- Strong steel frame with full electrical earthing continuity for safety and technical performance.
- Fast delivery (1-2 weeks or less).
- Very easy to assemble. All parts bolt together using simple tools.
- Large range of accessories: equipment mounting kits, cable management, 19" panels, power distribution, patch fields, patch panels & patch cords etc…

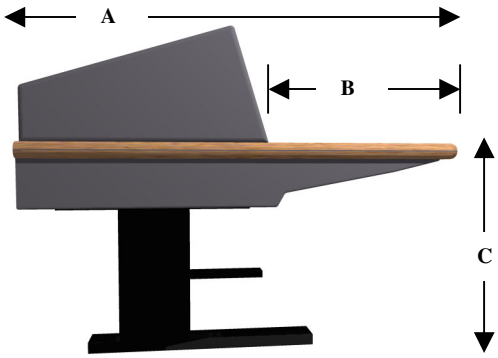
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'EC Standard Base'

Features

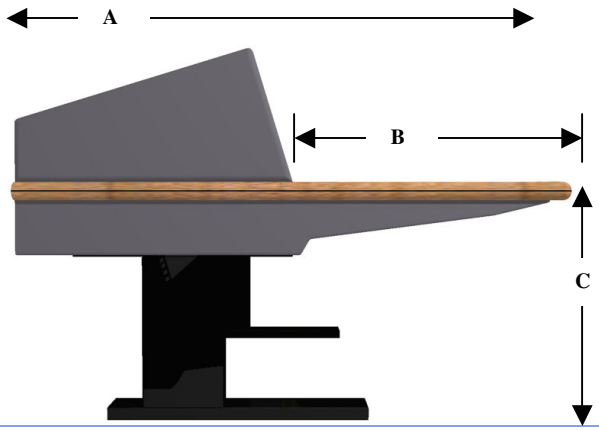
Various front depth desk options are available. The rear worksurface is at the same level as front desk surface . Rear panels may be replaced by 19" Rack modules positioned on 19" bay centres or offset by ½ bay.
Various leg style can be fitted.refer to 'Leg options' section of this catalogue for details.



EC*-10

Standard base style desk with 10Ru (445mm) removable front desk panel.
Panel maybe cutout to take recessed equipment.

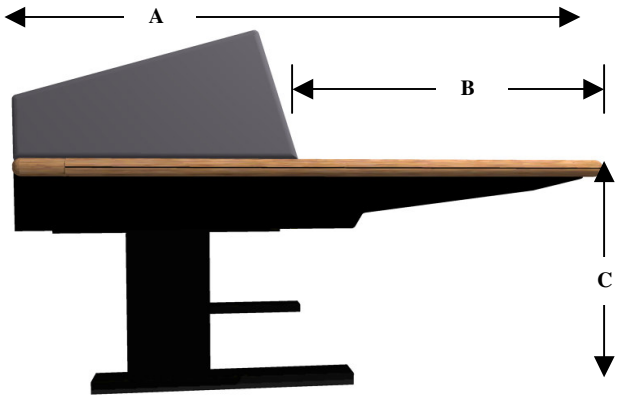
A = overall depth 1224mm
B = Front depth including trim 520mm
C = Desk surface height 730mm
* Insert no. of bays length after 'EC' for complete Base Unit part code (ex legs)



EC*-13

Standard base style desk with 13Ru (578mm) removable front desk panel.
Panel maybe cutout to take recessed equipment.

A = overall depth 1357mm
B = Front depth including trim 653mm
C = Desk surface height 730mm
* Insert no. of bays length after 'EC' for complete Base Unit part code (ex legs)



EC*-16

Standard base style desk with 10Ru (711mm) removable front desk panel.
Panel maybe cutout to take recessed equipment.

A = overall depth 1491mm
B = Front depth including trim 786mm
C = Desk surface height 730mm
* Insert no. of bays length after 'EC' for complete Base Unit part code (ex legs)

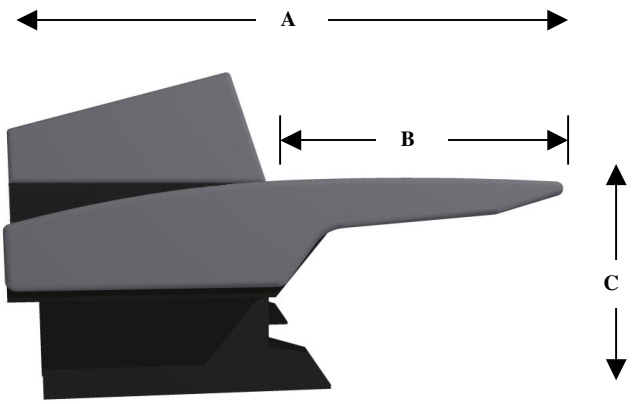
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'EC Lo-Base'

Features

Rear worksurface is lowered by 120mm. Equipment and 19" Rack modules may be positioned anywhere along the length. 19" rack legs have 6Ru of rack space and upto 1 per bay section may be fitted.

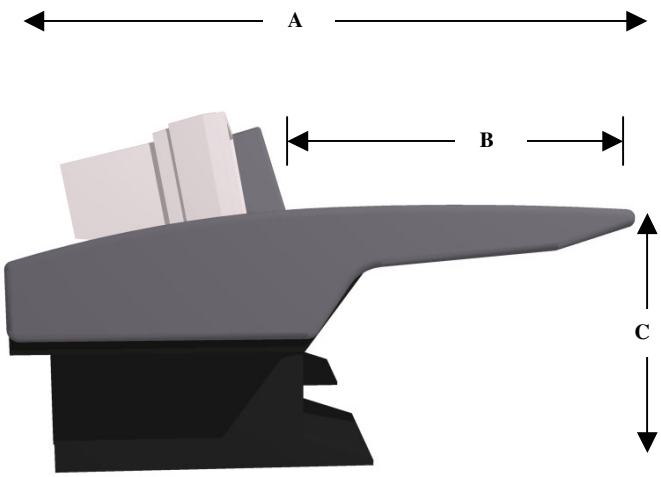


EC*-13LB

'Lo-base' style desk with 13Ru (578mm) removable front desk panel.
Panel maybe cutout to take recessed equipment.

A = overall depth	1365mm
B = Front depth including trim	653mm
C = Desk surface height	730mm

* Insert no. of bays length after 'EC' for complete Base Unit part code (ex legs)

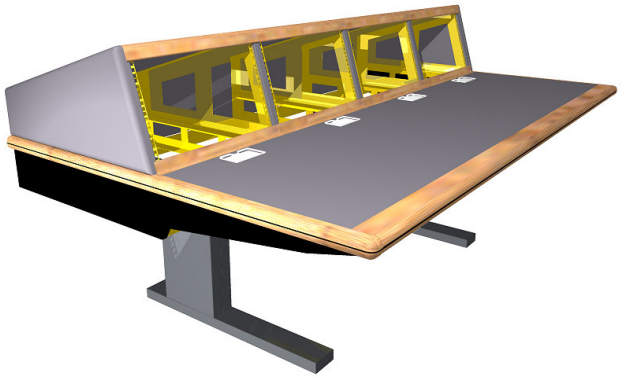


EC*-16LB

'Lo-base' style desk with 16Ru (711mm) removable front desk panel.
Panel maybe cutout to take recessed equipment.

A = overall depth	1499mm
B = Front depth including trim	786mm
C = Desk surface height	730mm

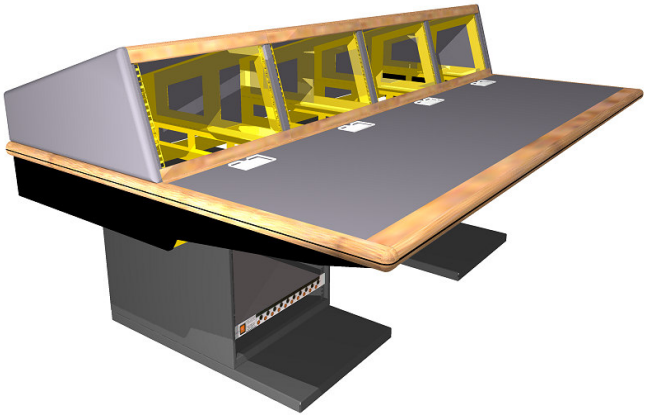
* Insert no. of bays length after 'EC' for complete Base Unit part code (ex legs)



EC-LGA*

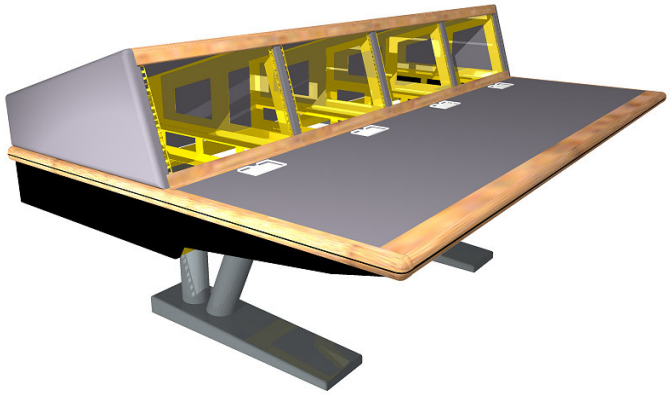
Standard Frame Style legs supplied as a pair set with bracing panel to fit frame cross frame sets 2-5 bays. Use multiple sets as required for longer joined sections.
Cable entry is via rear or bottom of legs.
*

LGA-2 Two bay Frame Leg set
LGA-3 Three/Five Frame bay Leg set
LGA-4 Four bay Frame Leg set



EC-BXL19

19" Rack Style legs with 10Ru of mounting space supplied as singles. Use one as required , minimum 2 per base or one per 3 bays.
One per bay can be fitted if required.
All Rack legs are supplied with MDF infill panels front and rear. Thesemay be cut down as required if equipment is to be fitted.



EC-TL

19" Tube Style cantilever legs mounting space supplied as singles. Use as required , minimum 2 per base or one per 3 bays.
Cable entry is via rear or bottom of legs.

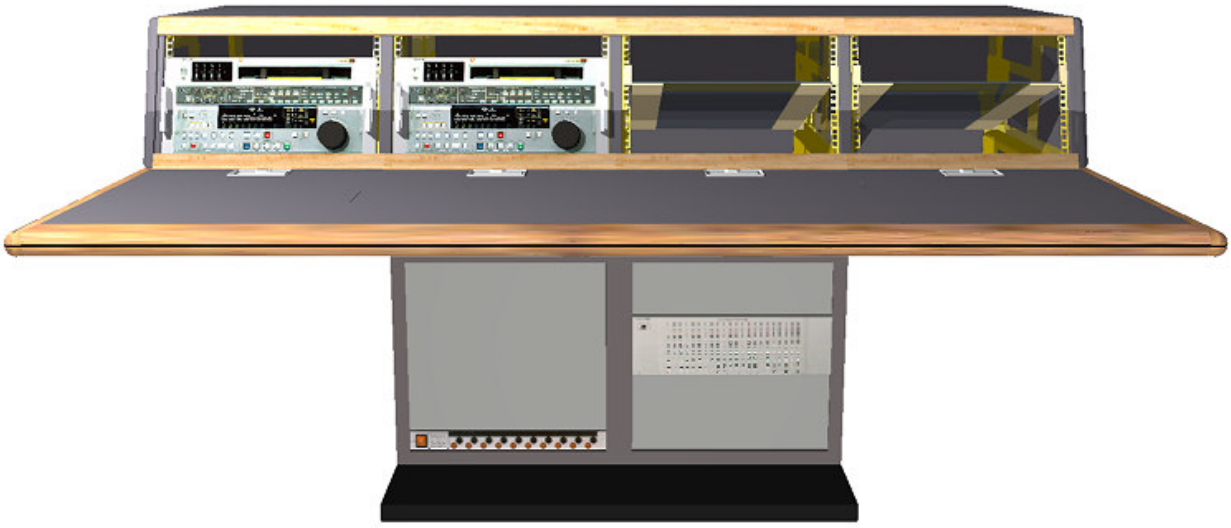


EC-BXL6*

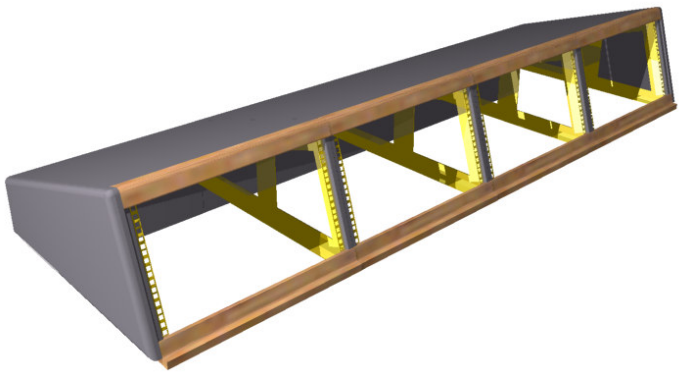
19" Rack Style legs with 6Ru of mounting space supplied as singles. Use one as required , minimum 2 per base or one per 3 bays.
One per bay can be fitted if required.
All Rack legs are supplied with MDF infill panels front and rear. Thesemay be cut down as required if equipment is to be fitted

* 'Lo-Base' desks only

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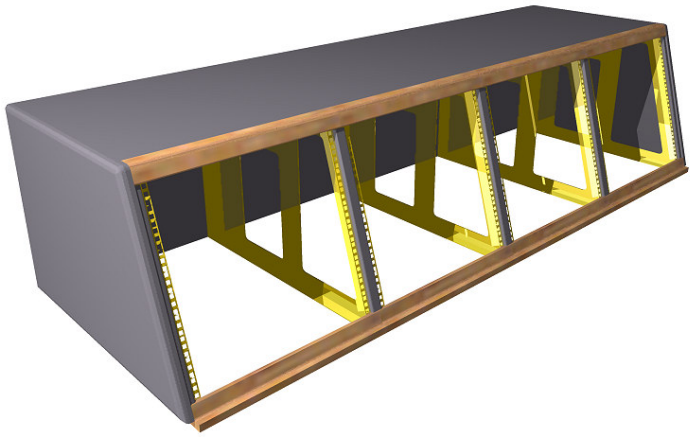


A variety of different 19"equipment Rack mounting Modules are available for the 'EC' console base units. Modules are eqiped with rack strips front and rear to take equipment with inbuilt rack mount facilities and 19" shelf units, fixed and sliding ,are also available.
Modules of different heights can be fitted side by side full or part width on the Base.



SEP ** SE

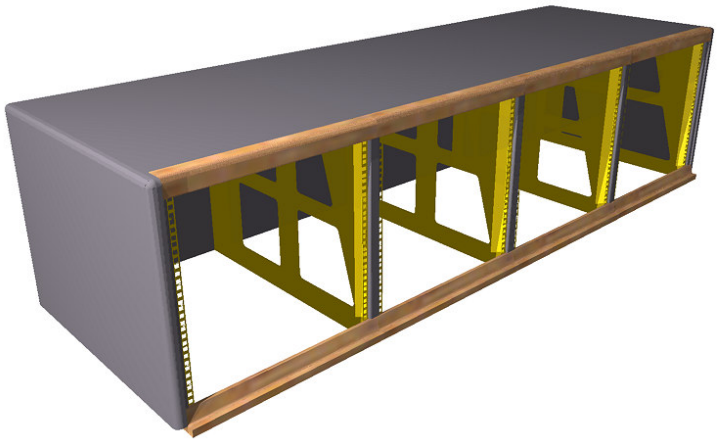
Sloped top Modules are available with either **8RU or 6RU** 19" Rack mount apertures. The sloped top provides a better eyeline for viewing over the top of the Module. Modules lower than 6RU present no viewing problem and Modules higher than 8RU are generally not suitable if a view over the top is nescessary.
** Insert RU-No.19" Bays
SEP84SE illustrated



SEP ** FE

Flat top Modules are available with **2/3/4/5/6/8/10/13RU** 19" Rack mount apertures. The flat top provides a mountin surface for additional equipment such as Monitors and faclities for cable through access is provided.

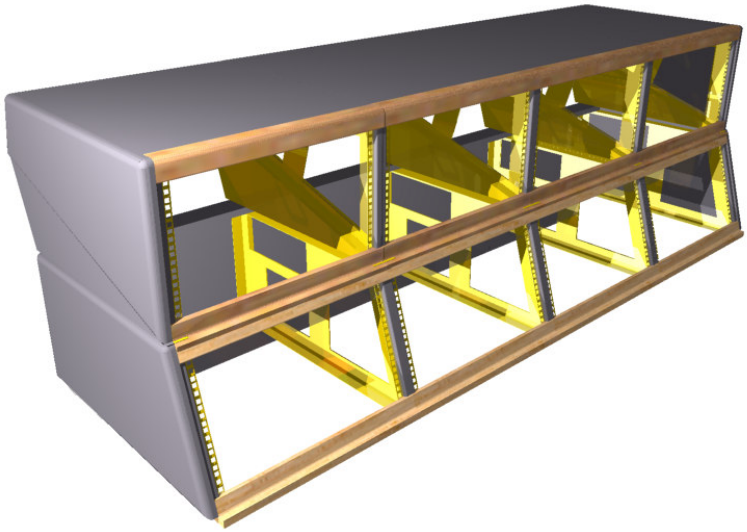
.
** Insert RU-No.19" Bays
SEP104FE illustrated



SEP ** VFE

Vertical FRONT Modules are available with either **8RU or 10RU** 19" Rack mount apertures from stock, other sizes to order.

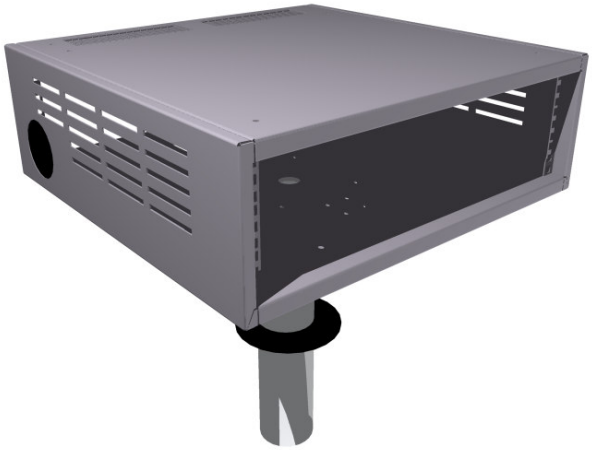
** Insert RU-No.19" Bays
SEP104VFE illustrated



DEP *** FE/SE

SEP Modules may be double stacked to provide a lower slope front section with an upper vertical front section.
Any size SEP module may be stacked on any other. If the upper modules are 6 or 8RU sloped top modules they will give a flat top when stacked. Flat top SEP modules give a tilted forward top
.

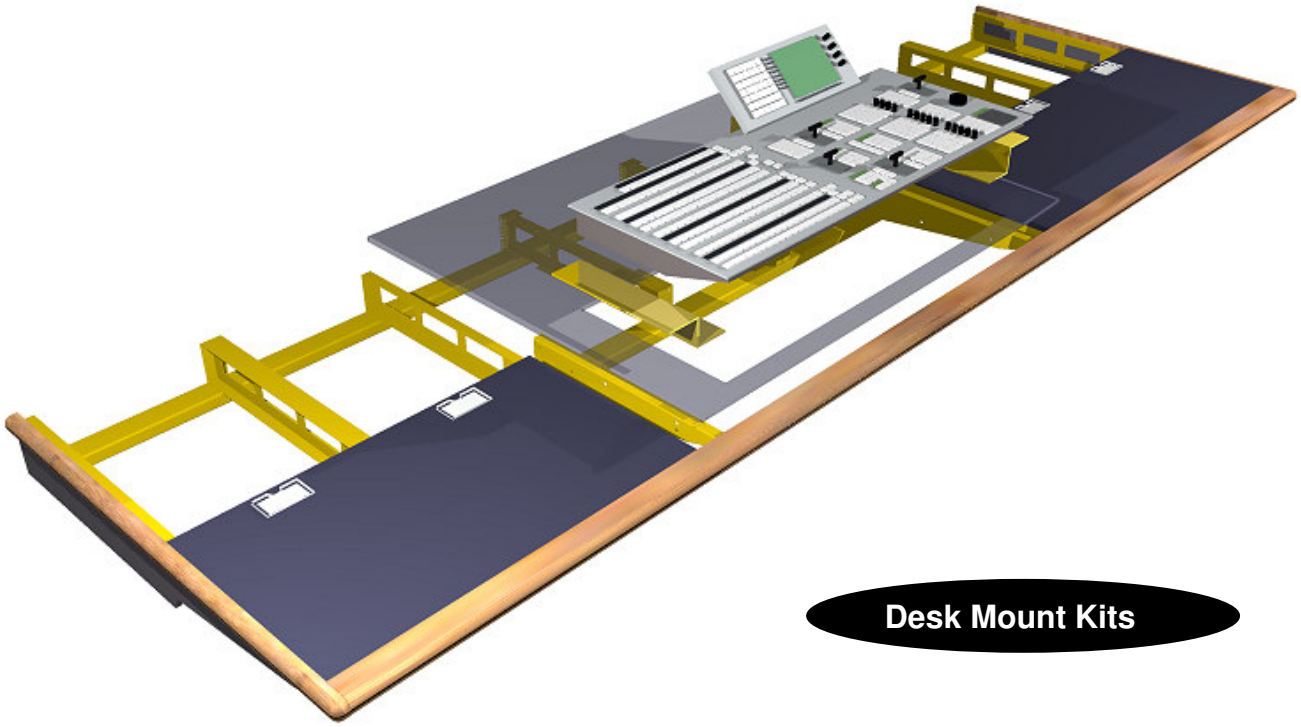
*** Insert lower RU/upper RU-No.19" Bays
DEP884FE illustrated



BRM * TM

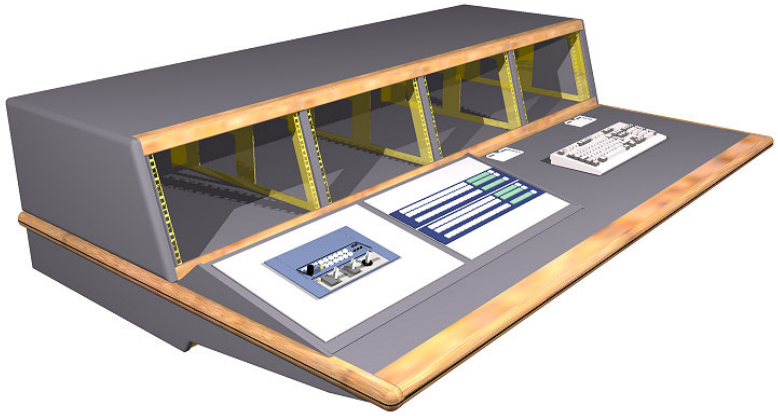
Independent 19" Rack Modules are available in 3/4/5/&6 RU sizes with 500mm depth on height adjustable tube mounts that can be postioned at an convenient point on thean EC Console layout. They can be angled towards the operator or may be mounted side by side to form a Rack 'Bridge' with a clear space underneath. When used in a 'Brige configuration 2 support poles are used per 3 units.
Units are vented at the top and sides and side cable access plugs are provided to allow cable connectio between units.
19" Rack strip is fitted front and rear

* Insert RU
BRM3-TM illustrated



Desk Mount Kits

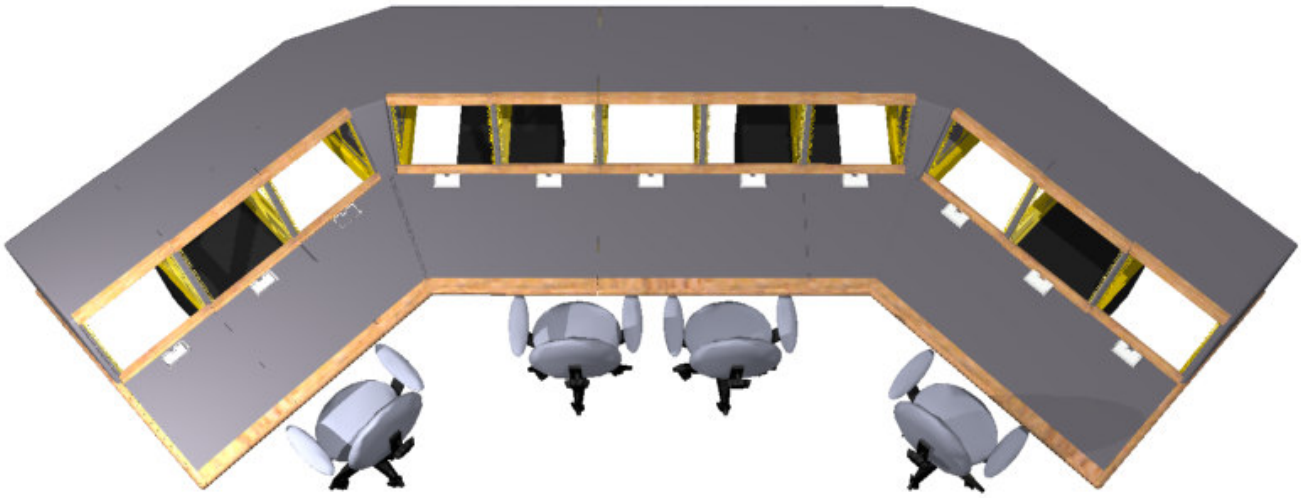
If equipment is to be recessed into surface panels MW & ELDECO can normally supply the desk panels cut out and complete with any mounting brackets and supports. If this is required the customer is responsible for providing MW with accurate information regarding the sizes and positions of any cutouts and if possible a dimensioned datasheet on the items to be installed. Alternatively a sample of the equipment should be supplied so that it can be accurately measured to ensure that the fitting is as neat as possible.
All desk mounting kits are done to order, but MW already have extensive equipment fitting records and will advise customers at the time of quotation if any further information is required



Slope Modules

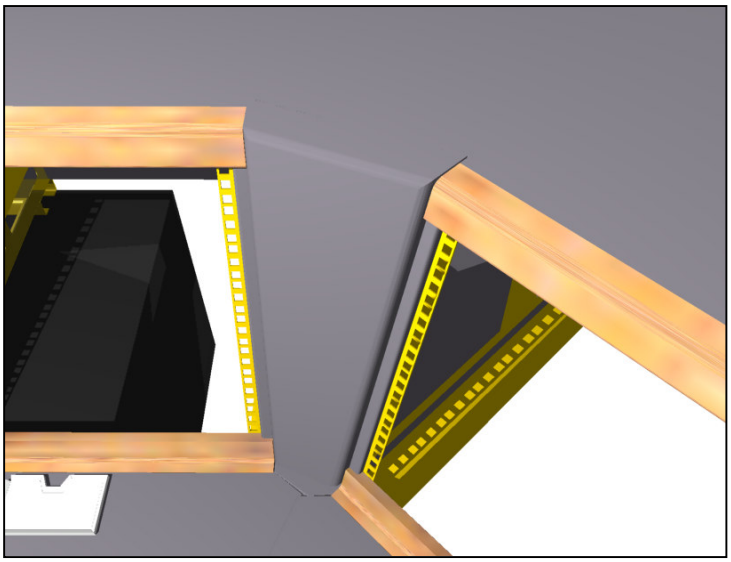
10 degree Desk Slope Modules are available to special order with various 19" Rack mount apertures .
Slope modules can be positioned where required on the desk surface.

.
** Part numbers will depend on requirement



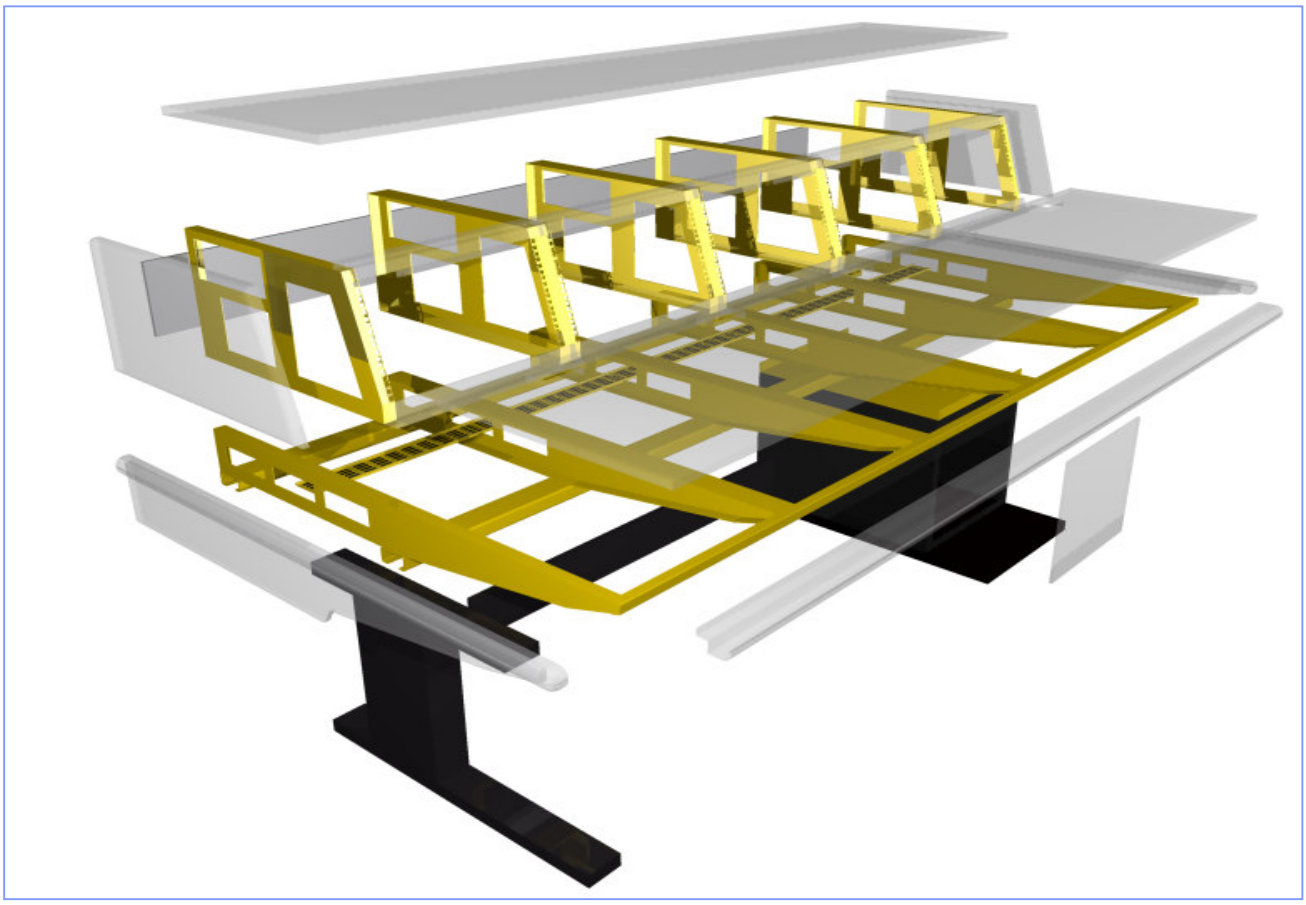
Standard desk corner panel and rear module infill parts are available for 90º, 45º and 22.5º corner layouts. These can be combined to give various desk layouts turning through 90º (or more) with or without bay sections in the rear of the corner.**
Base bay sections each side, or in the middle of a corner are effectively free standing and it is the panels themselves that position the modules in relation to each other. For this reason it is possible to provide custom corner layouts if required but 22.5°/45° and 90º standard layout angles give a great variety of flexibility which is normally sufficient for most applications.
Codes :- ECCK/(D if double)/angle degree.

Note: Full 19" width for desk mount equipment is reatricted in corner sections.



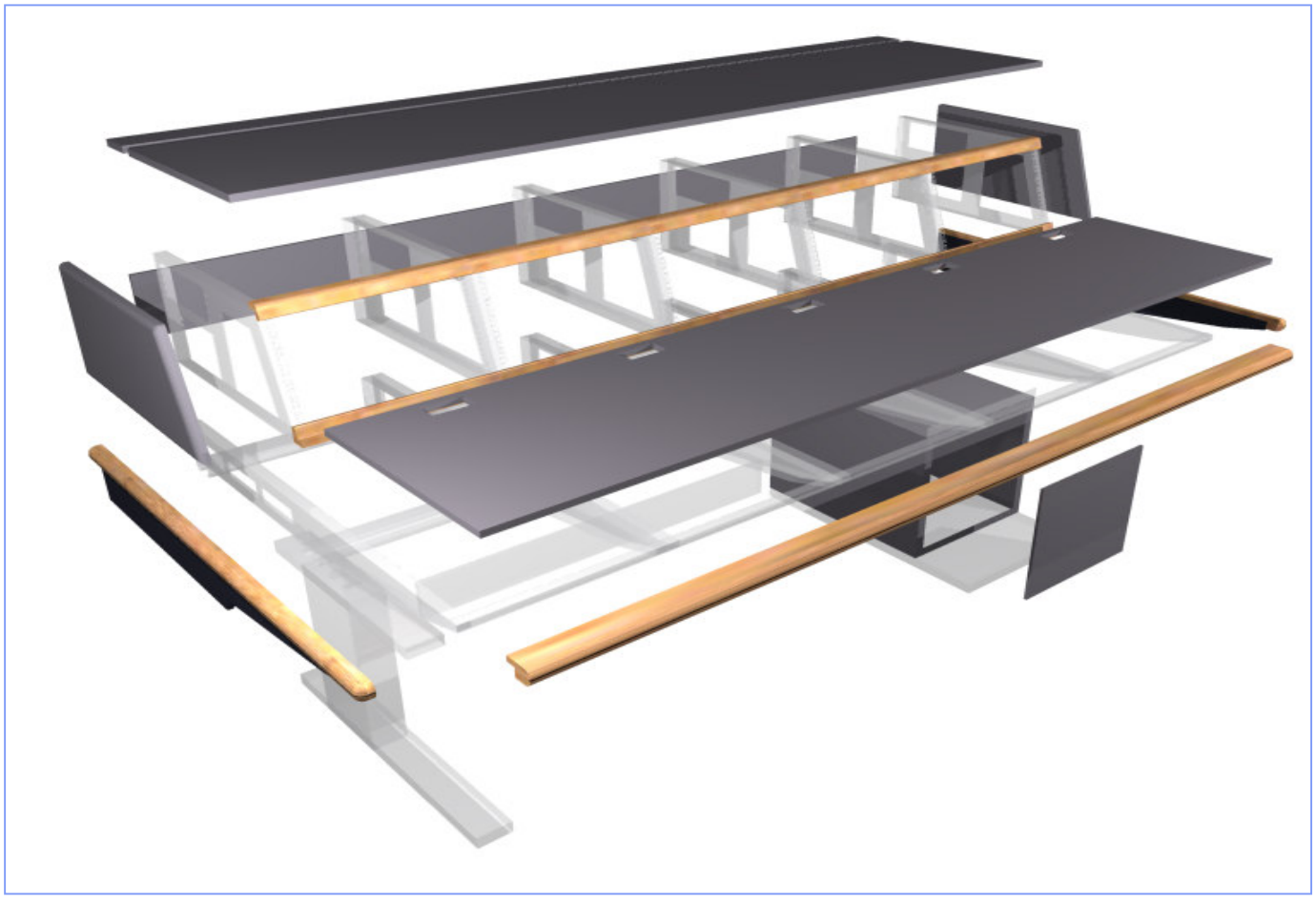
Profile infills

Rear Module Corner infills are available for all rear equipment modules to match the desk base joining angles.
Desk corner angles normally pivot around the base of the rear profiles so the front desk bays narroow towards the front of the desk.
Custom corners can be provided that pivot around the front trim, but this will give a much larger desk footprint.



Frame Assembly

Frame profiles are in Yellow Zinc Passivated Steel. Base profiles are mounted onto substantial steel cross frame members which are bolted to the legs. Base profiles have cut outouts to allow the fitting of horizontal cable tray, which is supplied.
Various profile sections can be fixed to the base profiles to achieve the preferred cross section at any point along the base. All upper profile sections are fitted with 19" Rack stripping front and rear punched to take M6 cagenuts .
Frame profiles may be bolted or riveted together and full electrical earthing continuity is provided throughout the structure for optimum technical performance and safety. Profiles can be mounted on 19" centres or at wider or narrower spacings to allow for fitting of non-19" equipment. Spacing can also be differently split between front and rear profile sections.
Base frame assemblies are fixed to box or frame style steel leg units with full cable access through the rear or base plate and up through the top plate into the console main structure. Cable tray is supplied across the base frame through the profile cut-outs.
Legs are available as 19" x 10Ru rack units or as plain narrow box sections or in 2 frame styles.(See 'Leg style options' section for futher information).
Full fixing kits and assembley instuctions are supplied with every unit.



Panels & Trims

EC Console standard finish materials have been chosen specifically to give a high quality appearance coupled with hardwearing properties and a pleasant working environment. Panel work is MDF (Medium Density Fibreboard) normally FINISHED in 'Nextel' which gives a hard wearing, matt, 'Suede effect' anti-glare, anti-static surface. 'Nextel' was developed originally for the **NASA** space program as a hard wearing material for the panelwork inside spacecraft but has since been used in a variety of industries where a high quality hardwaring finish is important. 'Nextel' is available in a variety of colours but Dark Anthracite has been chosen by MW as the standard colour offered as it looks smart, doesn't show dirt, can be easily repaired and provides a good visual working background in most studio environments using electronic visual displays. (Nextel data sheet available on request).

Desk mouldings, lower sides and cross trims are in solid Light Oak which, apart from giving a high quality attractive finish, is also is extremely hardwearing and in the event damage does occur repairs can usually be satisfactorily made by local services.

All panels and trims are pre-bushed with M6 or M5 brass bushes to allow easy fitting to frame assemblies. Desk panels with cut-outs can therefore be changed to suite new equipment fits should this becomes necessary.