

## 19" Wooden Rack Consols & Cabinets

This ECONOMY Wooden Rack and Rack Console System deploys the strategic use of CASA's type RA393 Rack Angle and is aimed at installations where lower cost or short system life means that the amortisation of cabinet costs is not compromised by system re-engineering, unexpected expansions or upgrades.

These Consoles typically cost 1/2 of their all metal equivalents BUT have all the features of CASA modularity and fundamental design criteria:

**C** - compatibility **A** - adaptability **S** - simplicity **A** - acceptability

Special features include:

1) - new-design of our original wooden consoles such that they are CKD - this now means that they can be shipped more economically from the kick-stand sub-components and assembled on-site, using a few basic hand or portable electric tools.

The exploded drawing indicates the basic concept for a 28U x 650mm deep console. We will provide photographs in due course.

2) - sections of the rear portion of the Desk Top may be cut out to give clearance for deeper equipments installed in the lower

3) - extra dress panels may be used in ANY of the 14U openings that do not require RA393 (or will fill openings you do not wish to be left blank)

4) - an optional "Tie Bar" can be fitted, or retrofitted, to any consoles that do NOT require a DESK top - OR - where a rear strut is desired to strengthen the whole structure (as shown in drawings) - this also fills the 1U gap between the upper and lower REAR 14U racking angles OR the upper and lower 14U dress panels.

5) - the choice of the more expensive Meltika/Formica/Laminated finishes adds slightly to the overall dimensions - just the amount of the PVC edging applied to most of the external edges (typically adds 2~3mm to each external edge) AND the added thickness of the laminated surface (adds 1/2~1mm to each flat surface) .

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Illustrated Model = CON-28Ux650-MDF18.....

### Brief Specification: (see drawings for general dimensions and practical arrangements)

➔	<b>Standard Height:</b> 28 Units (1U = 44.45mm)	<b>1405mm</b>
	<b>Standard Depth:</b>	<b>600mm 650mm</b>
	<b>Special Depths to order:</b>	<b>500~1200mm to order</b>
	<b>Dimensional Tolerances:</b>	<b>typically +/- 0.5mm</b>
➔	<b>Finishes:</b>	<b>2 pot MirrorTone</b>
		<b>Meltika Laminates</b>
		<b>other surfaces to order</b>
➔	<b>Standard Colours:</b>	<b>Charcoal Blue Velvet</b>
		<b>other colours to order</b>
➔	<b>Weight:</b> (for basic consul as illustrated)	<b>estimated - 56 Kg</b>

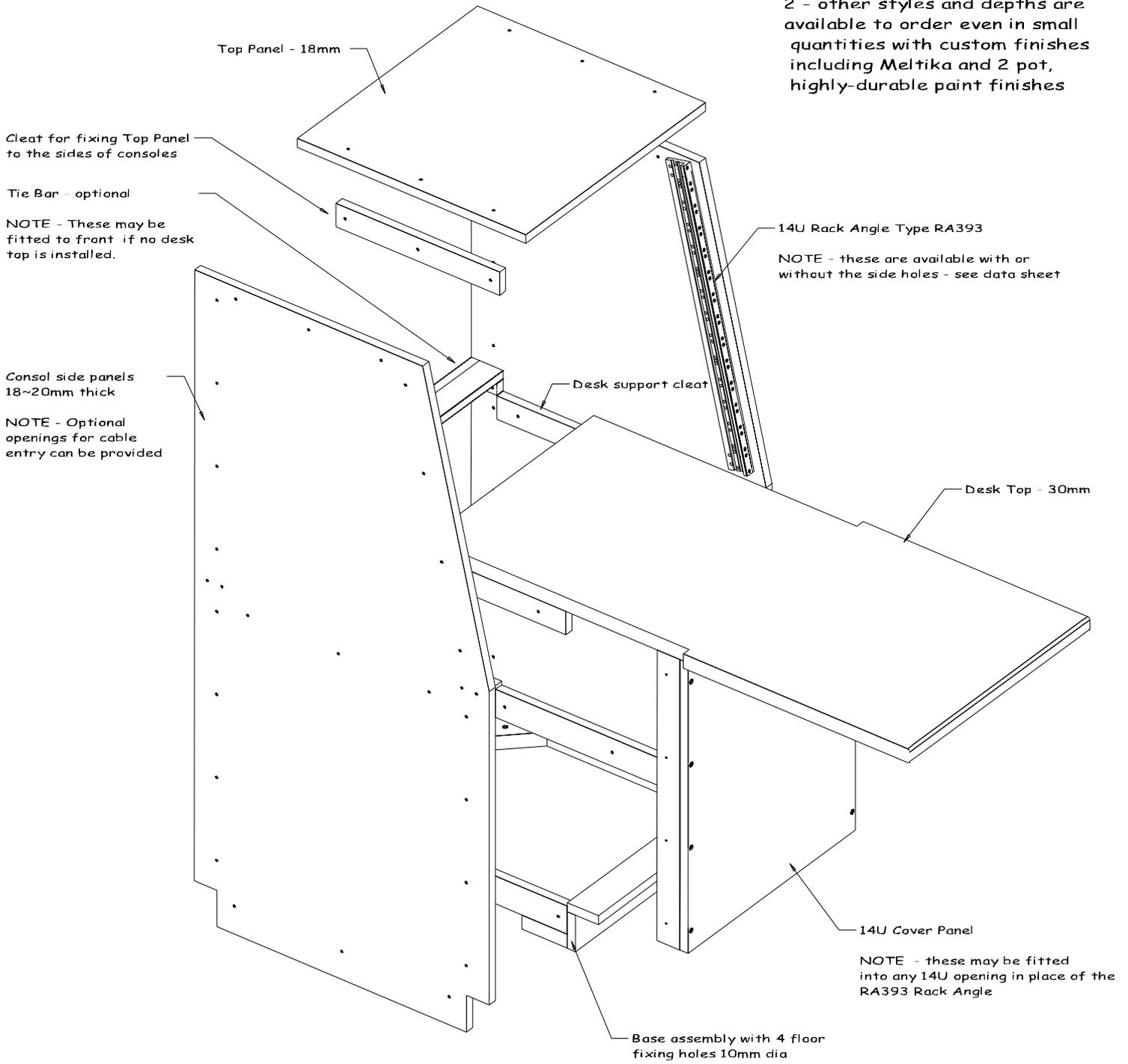
### Intelligent Part Number: CON-xxU x yyy-MDF18-F(special adder/suffix)

Please compose a Part Number according to this system and use on your official order.	<b>CON-</b>	Prefix to indicate "consul" or related products or accessories.
	<b>xxU-</b>	Overall cut LENGTH in exact RACK Units (actual length = xxU x 44.45 millimetres).
	<b>yyy-</b>	Overall Depth of the widest part of the consul (excludes the desktop projection)
	<b>MDF18-</b>	Medium Density Fibre Board - 18mm thick - the primary construction material
	<b>F-</b>	The FINISH applied to the part (EC=Epoxy Charcoal, MC=Meltika Charcoal etc.)
	<b>(-----)</b>	Special adder or other suffix for custom reference detail.

CASA Rack Consol - 28U x 650mm

NOTE

- 1 - just add side-by-side to create a suite of racks and/or consols.
- 2 - other styles and depths are available to order even in small quantities with custom finishes including Meltika and 2 pot, highly-durable paint finishes



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6) - customers need fit ONLY the amount of RA393 and/or 14U Dress Panels they require, however, the dress panel gives lateral seismic strength to the consul - without one of these panels the structure is largely dependant upon the installed equipments for lateral rigidity.

7) - the choice of a 600mm minimum depth is based upon efficiencies in cutting from the 2400x1200mm sheets of material - for economy, however, minimum depth depends upon the needs of installed equipments (particularly video display monitors) unless rearward projections of installed equipments is permitted behind the rack.

8) - the wooden 'suite' includes FULL 28U racks, without the consul face, and stepped racks with vertical upper sections - upper add-on sections with tilt-down fixing for monitors can be retrofitted - please enquire for further details and/or drawings.

9) - with the facility of CNC woodworking machinery and our CAD system it is possible to provide custom adaptations of the basic design economically and in standard or special finishes even in small quantities AND at short delivery.

10) - the modularity of the design provides for expandability EVEN retrospectively since we can supply retrofitable insertable fastenings that allow OLD holes to be converted to NEW purpose with little compromise to the strength or cosmetic properties of the suite.

11) - if metal screening is required then we are able to laminate 0.6~0.9mm aluminium (or possibly steel) sheet to the inner surfaces of all major panels - these may be grounded with conventional hand wiring between each individual panel. Typically the connection can be made from QC tabs screwed to each panel to provide easy disconnection/re-connection.

12) - when required, ventilation management can be provided to meet customer's needs - CASA has ventilation panels with and without fitted fans and dust filters.

13) - the CASA consoles are compatible with 19" EIA and IEC dimensions and details of the full range of Power Distribution, Shelves, Brackets, Sub-Rack Modules, Panels and other CASA parts is available upon request.

14) - base fixing is facilitated by 4 solid cleats fastened into the base/plinth of each Rack or consul - these 10mm holes provide clearance for 8mm coach screws of dynabolts etc.

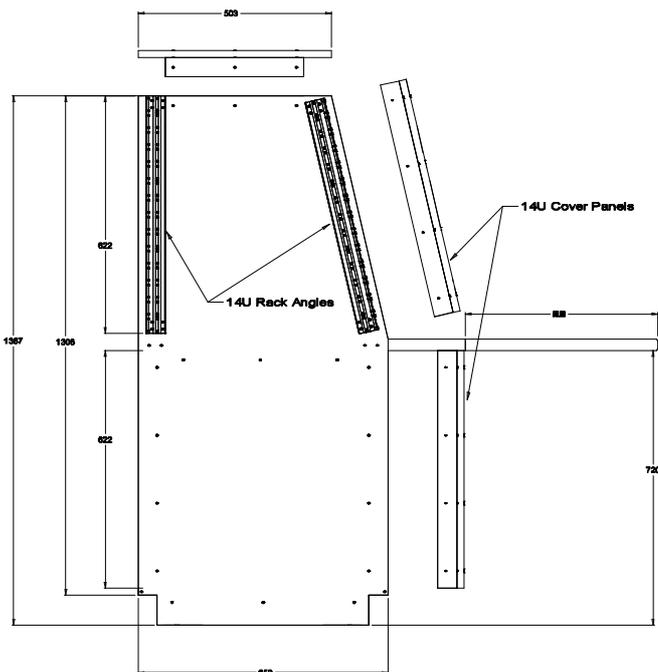
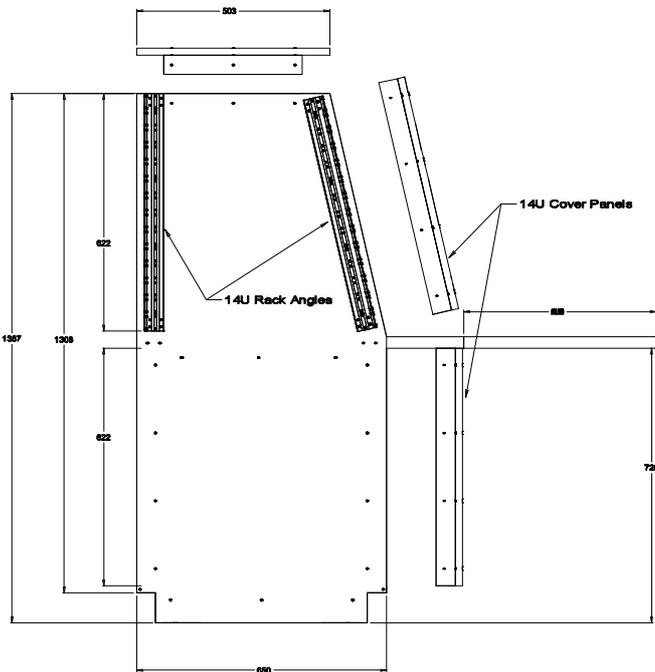
**please enquire for further details & additional drawings**

**ASSEMBLY & INSTALLATION** - when consoles are to be assembled and/or arranged side-by-side in a suite there is need to drill a few clearance holes in the sides and in alternate RA393 aluminium angles such that thru-bolts engage with appropriate - full assembly instructions, assembly drawings and data sheets are supplied - verbal clarification is freely available from our design staff.

Typical assembly tools include:

- 1) Allen Key (3 or 4mm AF hex wrench) - for thru-fixing the RA393 Rack Angles and fixing the lower side panels to the base/plinth
- 2) #2 PoziDrive screw driver - to suit the #8 gauge TwinFast Screws - a torque-adjustable electric/pneumatic driver is recommended
- 3) drills for any necessary pilot holes and/or opening thru-holes between the consoles
- 4) hole saw or jig saw - for making any cable holes for passing interconnect cables between the consoles

**NOTE** - for detailed assembly instructions - see page 4





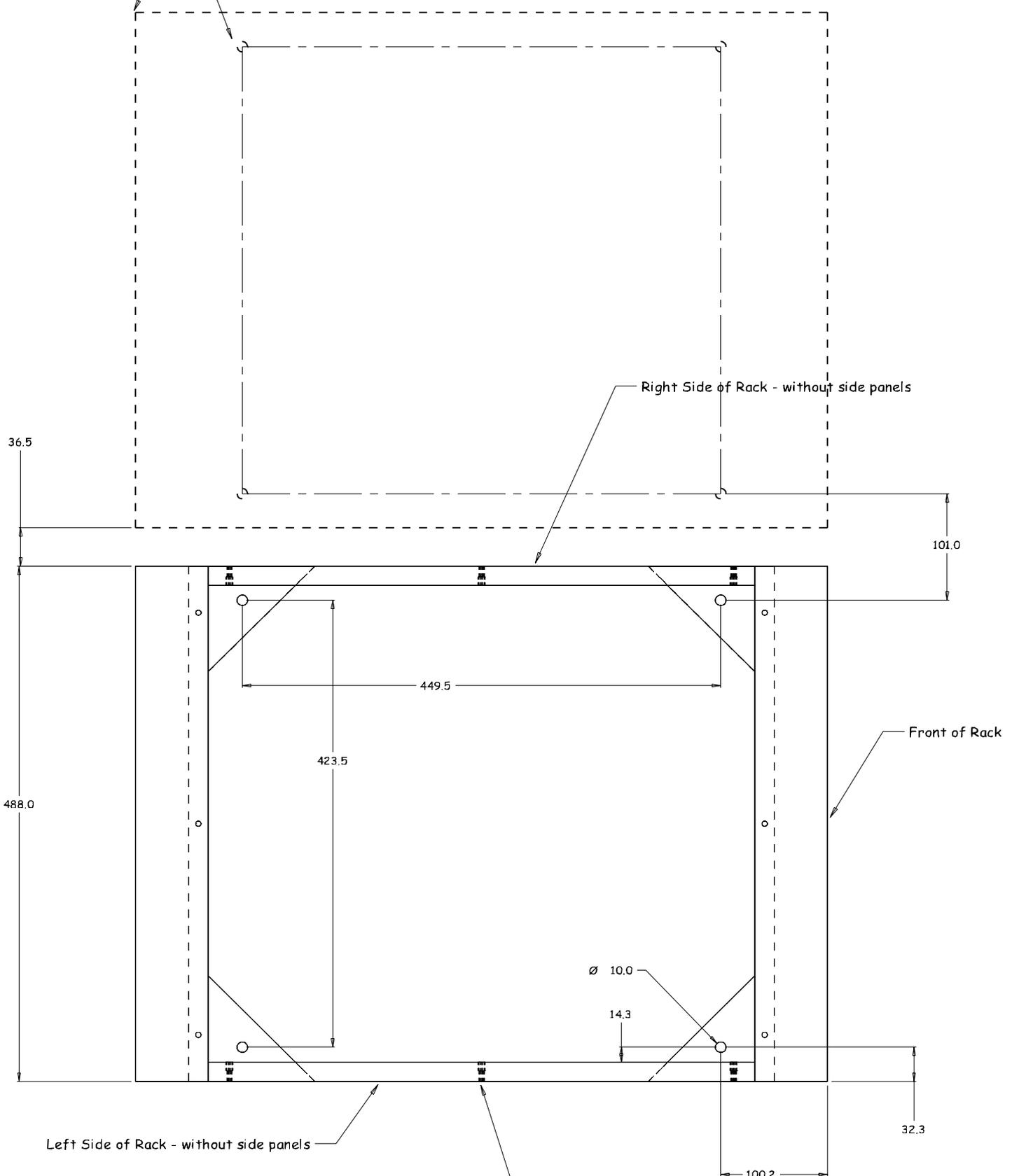


Typical Floor fixing details for CASA Rack Consol - 650mm deep

Typical fixing locatiuon for adjacent Rack or Consol

NOTES

- 1 - Use heavy duty 25~28mm diameter washers under the heads of the floor fixing bolts/coach screws
- 2 - Refer to installation instructions for further details and recommendations



**TYPICAL FLOOR LAYOUT - 650mm**