

Introduction

AV Racks business is based around a simple philosophy, which is that we aim to meet and exceed our customers' expectations by listening and responding to their specific requirements. Our racks are manufactured in the UK using high gauge steel and we feature threaded profiles so that the use of cage nuts is avoided. Shelves are strong and sturdy with high weight tolerances and are also pre-threaded, whilst the whole solution remains very competitively priced!

RollaRak

We looked at the specialist requirements of the AV market and designed the Rollarak from the ground up to address those needs. The Rollarak is a no-compromise AV rack, specifically designed for ease of installation and maintenance.

Comprising a fully mobile cage, the Rollarak measures 500mm wide by 600mm deep and has 19" black powder coated mounting profiles fitted front and back. The frame itself is made of high quality 14 gauge steel to take the weight of heavy AV gear.

A full range of accessories including shelves, fan trays, cable management and custom fascias are also available.

Threaded profiles promote fast and efficient assembly eliminating the need for inconvenient and awkward rack nuts. Equipment, panels and shelving, as well as all cable management accessories can be quickly and easily fixed in place using standard M6 fixing screws with nylon washers that fasten directly to the frame. This approach is safer for the installer, more secure for the installation - no rattling shelves or equipment - and most importantly a real time saver when on site



RollaRak Features

- Pre-threaded profiles and shelves for professional and convenient assembly
- Optional Easy fit side panels
- Available in 7 sizes 18U to 42U
- Shelves with pre cut holes for cable management
- 14 gauge steel construction ensures high weight capacity
- Heavy duty castors (lockable front pair)
- Easy to specify and Order



ROL-T-27U56

27U Rollarak inc' top, base and castors with 3 fixed vented shelves* and side panels*.

* additional items for ROL-T-27U56

Rack Accessories

A comprehensive range of accessories are available including side panels, shelving, blanking panels, cable management bars, patch panels and drawers.

ROL-SP-27U

Pair of Rollarak side panels (27U)



- Easy to fit side panels not only improve the cosmetic appearance of the rack but also improve the front to rear airflow within the rack and therefore the cooling characteristics.



DRA-3U-lock

3U high lockable rack drawers

- Lockable drawers are ideal for storing user guides, remote controls software disks as well as DVD cases.



RAK-BOLTS

100 tapered M6 screws and nylon washers

- M6 Screws are supplied with nylon washers and are tapered for easy fitting.

SHE-T-CABV57

Fixed vented shelf with cable management cut outs

- Shelves are pre-threaded for M6 fittings and have cut-outs to the rear to allow cable management within the rack, reducing the depth required.



CAB-MB-1U

Management bar

CAB-LB-1U50

50mm lacing bar

- Cable management bars and lacing bars ensure that all cables are neatly fixed in position within the rack and are quickly fixed to the rear profiles of the rack.



- Range of blanking panels are easy to fit and not only frame the equipment in the rack cosmetically, but aid the cooling characteristics as well

BLA-S-1UATV

Blanking surround for Apple TV

BLA-S-1UATV

Blanking surround for Apple TV



Cool Rack Components

AV Racks has designed a range of temperature sensors/controllers and rack mount fan assemblies to efficiently cool the equipment rack. The unique temperature sensors provide a real time display of the temperature in the rack as well as activating the fans at the desired temperature.

COLRAK-TC-S-1U

1U rack mounted single temperature control unit



Intelligent temperature display housed in a 1U rack mount panel, allows real-time monitoring of equipment or air-space within a rack environment. Operational temperature and hysteresis (temperature difference above and below the set temperature at which point the fans are turned on and off) is user programmable through front panel push buttons. There is also the option of secondary fan override or periodic automatic action using a second relay. The TCU is RS485 compatible and switchable between Celsius or Fahrenheit display. Temperature probe with 1.5M cord and 1.2 metre power fly-lead for the connection of DC fan units included. 12V DC, $\leq 2W$.

COLRAK-TC-4W-1U

1U rack mounted 4 way temperature control unit

Four temperature controllers mounted on a single 1U panel allow for the control of multiple fan units where 'spot' cooling is required for individual components in the rack.



COLRAK-F-4WTC-2U

2U rack mounted 4 way fan system with built-in temperature control unit



A 4way fan unit with 4 80mm fans on a 2U rack mount panel with a built-in temperature sensor/controller.

The unit is designed to fit to the front of the rack and draw cool air into the rack. The 80mm fans are super quiet and efficient

COLRAK-F-4W-2U

2U rack mounted 4 way fan system

Four 80mm fans on a 2U rack mount panel. The system is designed to expel air from the rear of the rack and provides an impressive 96 CFM cooling capacity. Units that draw air into the rack are available on special order only.



COLRAK-F-3W-3U

3U rack mounted 3 way fan system



Three 120mm fans on a 3U rack mount panel.

The ultra efficient fans are designed for super-quiet operation whilst maximising the air cooling. With a huge 150 CFM cooling capacity, the system is designed to expel air from the rear of the rack. If required, units that draw air into the rack are available on special order

