



corporate



CAPABILITIES

Audio/Video Broadcast & Broadband
Networking & Datacom
Military/Environmental
OEM/Custom



 **electrorack**
ENCLOSURE PRODUCTS



Founded in 1955, Electrorack is focused on designing, manufacturing and delivering market-leading enclosure solutions. Utilizing nearly 50 years of experience and engineering expertise, we continually monitor technology and industry trends to develop and update our product portfolio. Today's sophisticated technology and wide spectrum of enclosure applications requires a holistic approach that often demands custom configured solutions. The ability to integrate power, cabling and cooling is essential to creating a complete solution that protects the mission critical equipment in an enclosure. Understanding the environment, the application and the integration is imperative - that's why it is critical to partner with a company that has the expertise – Electrorack.



any application



any environment



one source



WHY ELECTRORACK



NEVER OBSOLETE GUARANTEE

Eliminate concerns that your enclosure won't be available in a year or two. As the result of our flexible manufacturing operation and our commitment to our clients, we are able to produce an enclosure you purchase today at anytime in the future. Build with confidence knowing your future orders will always match!

PERSONALIZED SERVICE

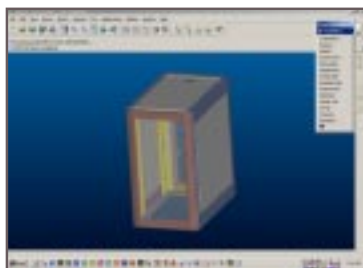
Advanced planning with one of our application specialists ensures proper product selection to meet your specific requirements, which can save significant time and money. We pride ourselves on your ultimate satisfaction so post-sales support or access to our engineering staff is always available to address any outstanding items.

TAILORED/CUSTOM SOLUTIONS

When requirements fall outside our standard offering, Electrorack excels at meeting your unique requirements. We want to make sure the solution you receive is adapted to work how you need it. Our philosophy is the enclosure should adapt to your world, not the other way around.

WEB DESIGN REVIEWS

Utilizing the latest parametric engineering design and networking tools, design reviews are held over the internet allowing real time modifications and collaboration with our clients, saving travel while speeding delivery and time to market.



COMMITMENT TO QUALITY

Quality is emphasized in every phase of our operation. We are ISO 9001:2000 and AS9100 certified which ensures our processes and products are accurate, conform to desired specifications and are delivered on time. This is a critical element to the success of our organization and the ultimate satisfaction of our customers.

NO JOB TOO BIG OR TOO SMALL

We understand small and medium sized businesses face different challenges than large corporations. That's why we are willing to develop solutions for smaller programs without charging significant engineering fees or requiring large minimum order quantities.

BUILT TO LAST

Our enclosure platforms are designed with heavy-duty construction and industry-leading durability you can feel. Since each platform is designed for a specific environment, the enclosures are designed to last as long as you own them. That's why we back it up with our [LIFETIME GUARANTEE](#).

AUDIO/VIDEO BROADCAST & BROADBAND

High-speed internet access, digital video, HDTV, Video-On-Demand and many other technologically advanced applications are changing the way we work and live. Producing, developing and distributing these applications often requires significant investment in infrastructure upgrades for the companies providing these services. Electrack provides solid, easy to deploy and install rack solutions to cable head-ends, telco central offices, television studios and their system integrators that economically protect the valuable equipment housed in these racks.



any application



19" EIA BROADCAST RACKS

The BR2's 22" wide footprint maximizes floor space, while our unique design features eliminate misaligned rails, provide a smooth radius edge for cable entry and ultimately speed the installation process while efficiently handling cable bundles.

AUDIO/VIDEO

INTEGRATED CABLE TRAYS

Integrated Cable Trays are supported by the enclosure, providing maximum overhead cable management that is independent of the building structure.



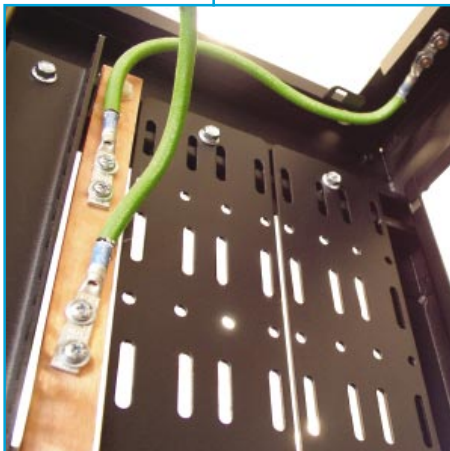
CABLE MANAGEMENT

Equipment and cabling is efficiently organized vertically in the BR2 racks allowing for easy access and expansion.



GROUNDING

Earth grounds are essential for proper operation of equipment and systems. Integrated buss bars, ground lugs and wiring are available for integration into the enclosure.



SUB-FLOOR BASES

Provides structural integrity for enclosure systems requiring mechanical attachment to the sub-floor beneath a raised floor.



SURVEILLANCE & MONITORING CONSOLES

Modular design accommodates video monitoring and recording device technology at ergonomic angles, reducing eye strain while providing instantaneous viewing of multiple displays and easy access to equipment.



NETWORKING & DATACOM

Today's advanced server and storage technology requires enclosure platforms that are not only capable of physically housing equipment from a wide assortment of vendors, but also of integrating power and thermal solutions to ensure the mission-critical equipment stored in these enclosures operates within the manufacturer's specified parameters, ultimately increasing network uptime.



any environment



SERVER/STORAGE ENCLOSURES

Eclipse Enclosures offer third party compliant multi-vendor support for a wide variety of servers, storage, switches, hubs, routers and appliances. Our fully-adjustable 19" EIA rails are designed to accommodate different depth equipment including Dell, HP, Compaq, IBM, Sun and Cisco. Pre-configured or custom-configured units are available.

NETWORKING

POWER

Innovative, flexible power solutions designed to handle the wide variety of voltages (100-250V) and increased current draws of today's equipment are critical to maintaining network availability. We produce power units in-house, which means we can create what you need if it is not available.



RELAY RACKS

Open frame 2-post racks provide a cost efficient means to manage high density cable applications. Our aluminum frames are UL Listed, tapped 12-24, and provide connection points on the top for overhead cable ladder connection.



THERMAL PROTECTION

A wide variety of fan trays and air conditioning units are available to meet specific requirements of each application.



RACK-MOUNT LCD DISPLAYS

Integrated keyboard, touchpad and optional 16 port KVM consume only 1U of rack space while providing convenient local access to servers.



WALL CABINETS

Heavy duty construction and die cast hinges make our wall cabinets the perfect solution for racking remote patch panels, hubs and switches. Our Whisper™ quiet fan option reduces noise up to 50% making it ideal for open office environments.



CABLE RUNWAY LADDERS

6", 12" and 18" widths are available to create pathways for cabling to travel overhead. Our unique patent pending grounding system eliminates the need to drill and install braided cable while maintaining UL standards.



MILITARY & ENVIRONMENTAL

Sensitive electronics and the critical nature of their function often require protection from the harsh elements they reside in to ensure they continue to operate properly. Protection from electromagnetic or radio frequency interference, earthquakes, shipboard and manufacturing environments, shock and vibration, rain, wind, snow, ice, dust, sand, oils, grease, corrosion, etc. Electrorack's thorough understanding of these environments and heavy duty enclosure construction allows us to create specific solutions to meet your most stringent requirements. After all, failure is not an option and can often mean the difference between life and death.



one source

MILITARY DESIGNS

Rugged enclosure construction per MIL-STD-810 are designed to exacting specifications for virtually any environment or application.



SHIPBOARD SHOCK & VIBRATION ISOLATION

Designed and tested to MIL-STD-901D requirements, Electrorack keeps your systems safe on the high seas.



MILITARY &



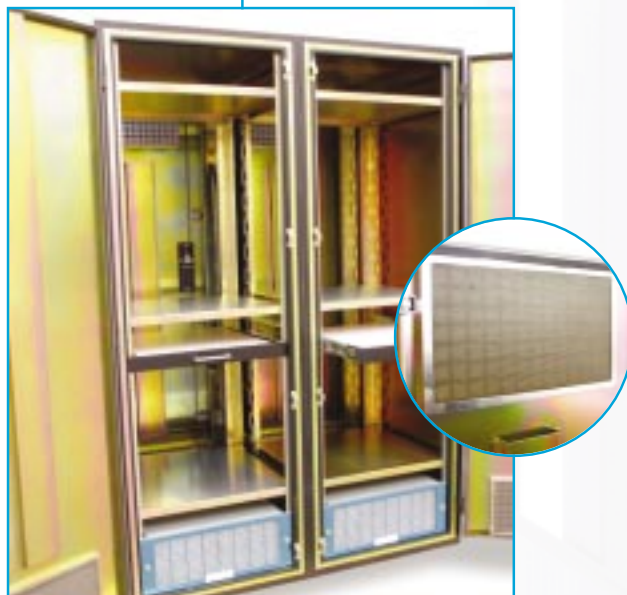
NEMA 12, 4 & 4X

Utilizing aluminum or steel construction, gasket seals, filters and the appropriate cooling apparatus, harsh environmental conditions and traditional equipment foes like water, dust, rain and snow are no match for Electrorack. Utilize for outdoor or industrial applications.



EMI/RFI SHIELDING

Complete offering for varying levels of protection – simple FCC to stringent Tempest. Honeycomb filters allow ventilation while maintaining the shielding level.



SEIZMIC ZONE 4 & SHOCK ISOLATION

Rigid, reinforced enclosure construction meets NEBS GR63-Core and Uniform Building Code requirements for Seismic Zone 4 applications. Shock isolators are available to protect the sensitive electronics inside the enclosure for a wide variety of applications.



OEM & CUSTOM

Creating custom solutions for our clients is no problem. Our diverse flexible manufacturing, build-to order process and engineering prowess allows us to effectively create the size, shape, image, and integration required to perform the specific function of your enclosure solution. In an OEM environment, this unique integrated product signature can provide you with a distinct competitive edge.



www.electrorack.com



FUNCTION

Unique sizes and shapes are often required to house specific equipment or enhance a user interface to achieve the overall effectiveness of your solution.

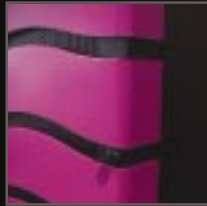
- Size and Shape
- Unique cut-outs
- I/O Panels for connectors
- Grounding

OEM & CUSTO

BRANDING

Color, corporate logos, product names and shapes often define a company and present a specific image your client's know and respect. Electrorack can provide you with "the look" via:

- Custom Colors
- Logos - Labels
- Silk-screening
- Cosmetic manufactured features – materials, shapes and hole patterns



INTEGRATION

Minimize the internal challenge and cost of deploying equipment and accessories on-site or in your facility by letting Electrorack complete the task. We are skilled at integrating:

- Power Units
- Thermal Solutions
- Shelving & accessories
- Cable management
- Cables – power and data
- Cage nuts at specific locations
- Grounding straps/buss bars
- Other hardware



PACKAGING/HANDLING

Often overlooked, packaging and handling are critical elements to the overall success of a program. Electrorack is instrumental in understanding not only the shipping requirements, but also how it will be handled upon receipt and after unpackaged. As a result we offer the following solutions:

- Crating
- Vibration Isolation Skids
- Bar Coding
- Labeling
- Lifting Eyes
- Custom Bases – Forklift Bases



TESTING/CERTIFICATION

Ultimate proof the solution conforms to certain specifications is often required. Utilizing internal and external registered testing agencies, we offer testing for:

- UL/CSA
- Shipboard – MIL-STD-901D
- MIL STD 810
- NEMA 4,4X and 12
- Seismic Zone 4 – Bellcore/NEBS GR63-Core
- EMI/RFI
- Others as required



ENCLOSURE SOLUTIONS FOR AUDIO/VIDEO BROADCAST & BROADBAND • NETWORKING & DATACOM • MILITARY/ENVIRONMENTAL • OEM/CUSTOM



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Electrorack's BR2 Broadcast Racks are the perfect answer to many of the installation and deployment challenges facing today's television stations, cable head-ends, control rooms and uplink facilities.

Our BR2 platform provides a rugged 14 ga. welded frame with specific features designed for broadcast and broadband environments. These features help reduce installation time, improve cable routing and maximize vertical space, ultimately reducing your overall cost of ownership.

The BR2's narrow 22" footprint is capable of housing all types of equipment from nearly any manufacturer including video servers, storage, encoders, switches and routers. Our wide variety of accessories and thermal and cable management allow you to create a solution that truly meets your specific requirements.

■ ■ ■ Key Features

- **Never obsolete guarantee!**
- **Rugged 2,000 lbs. weight capacity**
- **UBC Zone 4 Compliant**
- **Unobstructed, smooth-edged cable entry**
- **True 22" wide footprint eliminates floor creep**
- **19.09" panel opening perfectly frames equipment**
- **Heavy duty 11 ga. tapped #10-32 mounting angles are fully adjustable - front to rear**
- **180 degree rear door swing provides full access**
- **Standard sizes - 4 heights, 3 depths**
- **Factory pre-configured**
- **Customization available**
- **Lifetime guarantee**



BR2 Broadcast racks neatly organize and present equipment at this television station. Our corner posts are not punched with unnecessary holes providing an aesthetically pleasing, clean, finished, show-case appearance.



Available in platinum or black, BR2 racks are 22" wide with fully adjustable mounting angles. Shown here with our optional "zero footprint" 2-piece lockable, removable side panels.



Design Features



Smooth-edged Cable Entry - formed bottom eliminates sharp edges across cable routing areas, reducing cable damage and chaffing. The unique design also allows cable bundles to enter directly into the rack eliminating bends around casters in the corners.



Pre-punched Mounting Holes - allow simple mounting of our optional lateral lacing bars at any vertical position along the rack frame. Mount as many or as few lacing bars as required to achieve the front to back cable management desired.



Integrated Cable Tray - is an excellent option to route and hide overhead cable management. The 12.25" wide tray attaches directly to the frame, providing a smooth transition from vertical to horizontal cabling and often eliminates the need for separate cable ladders.



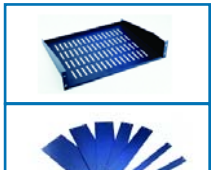
Cable Management - the space saving design and lacing bar options provide a great combination for handling large cable bundles, positioning cables in the proper location within the rack for easy access and management.



Grounding - copper buss bars, ground straps and frame ground studs can be integrated and pre-assembled into the rack at the factory to avoid costly on-site preparations, ultimately reducing cost and speeding deployment. Single or double lug option available.



Riser & Sub-floor Bases - standard 3" high riser bases simplify leveling of ganged units while providing cable access between adjacent bays mounted on a concrete slab. Sub-floor bases (shown) mechanically fasten the rack to the sub-floor beneath a raised floor.



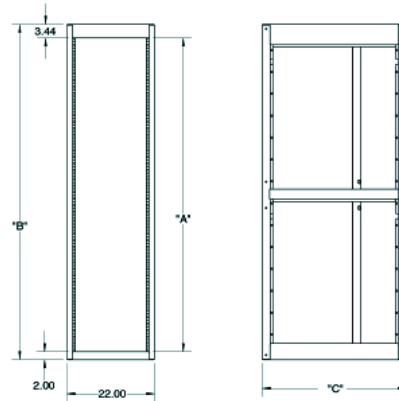
Accessories & Integration - a vast assortment of accessories can ship pre-installed, reducing installation costs.

- Power (custom available)
- Shelves
- Filler Panels
- Lacing Bars
- Copper Buss Bars
- Magnetic RU Identification Strips



Specifications/Ordering Information

Frames



Rail Styles



M-style



L-style

Part Number	Usable Height "A"	Overall Height "B"	Overall Depth "C"	Mounting Angles
BF-4030L-2	40U (70.00")	75.50"	30.88"	"L"
BF-4036L-2	40U (70.00")	75.50"	36.13"	"L"
BF-4530L-2	45U (78.75")	84.25"	30.88"	"L"
BF-4536L-2	45U (78.75")	84.25"	36.13"	"L"
BF-4030M-2	40U (70.00")	75.50"	30.88"	"M"
BF-4036M-2	40U (70.00")	75.50"	36.13"	"M"
BF-4530M-2	45U (78.75")	84.25"	30.88"	"M"
BF-4536M-2	45U (78.75")	84.25"	36.13"	"M"

Part numbers shown are for frame only with 2 pair of #10-32 tapped "L" or "M" shaped mounting angles in black.

3" Riser Bases

Frame Depth	Casters & Levelers	Levelers Only	No Levelers
30"	BR-30-RBLC-2	BR-30-RBL-2	BR-30-RB-2
36"	BR-36-RBLC-2	BR-36-RBL-2	BR-36-RB-2



Part numbers shown are for 14 gage steel bases in black. Casters are 3.0" diameter non-marking and add 4.0" to overall height.

Top Panels



Frame Depth	Solid	Perforated	10" Fan	Dual 6.75" Fans
30"	BR-30T-S-2	BR-30T-P-2	BR-30T-F10-2	BR-30T-F6-2
36"	BR-36T-S-2	BR-36T-P-2	BR-36T-F10-2	BR-36T-F6-2

Part numbers shown are for 16 gage steel panels in black. 10" fan is 525 cfm and 6.75" fans are 215 cfm each.

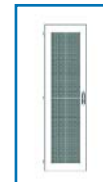
Side Panels - "Zero Footprint"

Frame Size	Non-locking	Locking
40U x 30"D	BR-4030S-S-2	BR-4030S-SL-2
40U x 36"D	BR-4036S-S-2	BR-4036S-SL-2
45U x 30"D	BR-4530S-S-2	BR-4530S-SL-2
45U x 36"D	BR-4536S-S-2	BR-4536S-SL-2

Part numbers shown are for 2-piece (one side) 18 gage steel panels in black.



Doors - Front & Rear



Frame Height	Solid	Full Mesh	Plexiglas
40U - 70.00" Usable	BR-40D-S-2	BR-40D-M-2	BR-40D-P-2
45U - 78.75" Usable	BR-45D-S-2	BR-45D-M-2	BR-45D-P-2

Part numbers shown are for 16 gage steel doors in black. All doors shown are surface mounted. Flush doors are available upon request.



Eclipse is the latest evolution of Electrorack's server and storage enclosures. Incorporating innovative design concepts such as "zero-clearance" two-piece removable side panels, fully open bottoms and 180 degree door hinges, Eclipse enclosures deliver the complete solution to address the challenges facing today's dynamic hardware environments.

Designed to store multi-platform equipment from a wide variety of vendors, Eclipse enclosures also manage large cable bundles and increased power and thermal demands. Understanding and bringing all of these elements together in an easily accessible, space saving, integrated platform is what sets Eclipse apart.

Eclipse's rugged, fully-welded construction, wide selection of accessories, power, thermal and cable management coupled with Electrorack's integration and packaging capabilities make Eclipse the ideal platform for any data center, OEM or integrator looking for units that can be loaded and reshipped.

Our pre-configured solutions make ordering a snap! **Don't see exactly what you need - contact one of our application specialists to customize a solution that truly meets your needs!**

■ ■ ■ Key Features

- **Never obsolete guarantee!**
- **Multi-vendor platform supports Dell, HP, IBM, Cisco and most other equipment manufacturers**
- **Rugged 2,000 lbs. weight capacity**
- **180 degree door hinges**
- **True 24" wide footprint eliminates floor creep**
- **Heavy duty 12ga. 0.375 square hole mounting angles are fully adjustable - front to rear**
- **"Zero Footprint" 2-piece side panel construction**
- **Pre-configured units simplify ordering**
- **Customization available**
- **Lifetime guarantee**

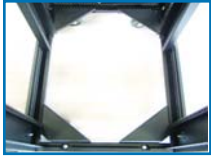


Eclipse offers the perfect balance of form and function. Utilizing a soft-curved, perforated front door with flush handle, Eclipse offers an aesthetically pleasing, functional enclosure while exceeding third party open air ventilation requirements of equipment manufacturers.



Split rear doors utilizing 180 degree hinges allow unobstructed access to equipment, eliminating aisle blockage without removing the doors.

Design Features



Smooth-edged Cable Entry - formed bottom and caster plates eliminate sharp edges across cable routing areas, reducing cable damage and chaffing. Easy access anchoring holes in frame simplify bolt down applications.



180 Degree Door Swing - provides full access to interior of enclosure without removing the door, simplifying and expediting equipment loading and maintenance while eliminating aisle blockage. Standard on both front full width and rear split doors.



Self-contained Lift-off Hinges - eliminate loose pins which are often lost and speeds removal and replacement of doors on enclosure. The unique, secure design only allows removal of the door from the enclosure when the door is open, preventing unwanted access.



Rack Unit Identification Markings - standard on Eclipse enclosures, these U indicators save time and money by simplifying alignment during equipment installation and aid in locating, logging and tracking equipment within an enclosure.



Easy Access Anti-tip Mounting - integrated mounting holes on the frame allow the addition of an anti-tip angle even after equipment is installed. The anti-tip angle is ordered separately.



2 Piece Side Panels - multiple lightweight panels are easy to remove, handle, store and replace, reducing ergonomic strain created by heavy awkward one piece panels. Mechanical key locks provide an added level of security.



Packaging & Integration - our optional crating service is ideal for integrators looking to load equipment and re-ship. A vast assortment of accessories can ship pre-installed, reducing on-site installation costs, including:

- Power
- Shelves
- Filler Panels
- Lacing Bars
- Copper Buss Bars

Specifications/Ordering Information

Frame Assemblies - Base Units

Part Number	Vertical Opening (U)	Vertical Opening (in)	Maximum Rail Spacing	Overall Height	Overall Width	Overall Depth	Top Style
EC-4537A1-*	45U	78.75"	35.75"	84.00"	24.00"	39.91"	Perforated
EC-4237A1-*	42U	73.50"	35.75"	78.75"	24.00"	39.91"	Perforated
EC-2437A1-*	24U	42.00"	35.75"	47.25"	24.00"	39.91"	Perforated
EC-4539A1-*	45U	78.75"	37.75"	84.00"	24.00"	42.00"	Perforated
EC-4239A1-*	42U	73.50"	37.75"	78.75"	24.00"	42.00"	Perforated

Base Unit Assemblies include:

- heavy duty, fully welded frame
- 2 pair 0.375 square hole mounting angles
- full mesh front door with lock
- split rear mesh doors
- perforated top panel with cable access
- rack-unit identification labels
- levers
- side panels with locks

*** Select Finish Code**

- 2 = Black
- 9 = Platinum
- X = Special

Frame Assemblies - Expansion Units (No Side Panels)

Part Number	Vertical Opening (U)	Vertical Opening (in)	Maximum Rail Spacing	Overall Height	Overall Width	Overall Depth	Top Style
EC-4537E1-*	45U	78.75"	35.75"	84.00"	24.00"	39.91"	Perforated
EC-4237E1-*	42U	73.50"	35.75"	78.75"	24.00"	39.91"	Perforated
EC-4539E1-*	45U	78.75"	37.75"	84.00"	24.00"	42.00"	Perforated
EC-4239E1-*	42U	73.50"	37.75"	78.75"	24.00"	42.00"	Perforated

Expansion Unit Assemblies include:

- all items same as base unit less side panels
- multi-bay hardware kit

*** Select Finish Code**

- 2 = Black
- 9 = Platinum
- X = Special

Note: Other sizes are available including 28" wide cable management enclosures and our 30" deep units.

Caster Kit

Part Number	Description
CSTR-3	Set of 4 - 3" diameter casters

Optional Caster Kit Notes:

- rated 270 lbs. each
- full swivel ball-bearing design
- non-marking wheels
- ships installed when ordered with cabinet

Filler Panels - Aluminum

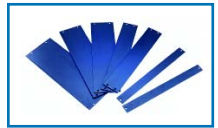
Part Number	Panel Size (H x W)
PA-1-*	1U (1.75") x 19"
PA-2-*	2U (3.50") x 19"
PA-3-*	3U (5.25") x 19"
PA-4-*	4U (7.00") x 19"
PA-KIT-*	16U Panel Kit x 19"

PA-KIT includes:

- (2) - 1U panels
- (2) - 2U panels
- (2) - 3U panels
- (1) - 4U panel

*** Select Finish Code**

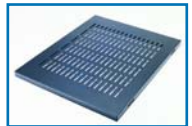
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Shelves - Fixed

Part Number	Mounting Style	Usable Depth	Required Mtg Angle Spacing	Load Rating
FS3V-1926-2	4 point side mount	26"	26" to 33"	200 lbs.
FS1V-1924-2	19" rack-mount	24"	24" to 34"	200 lbs.

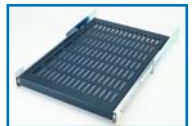
4 point side mount shelves are compatible with "M" style mounting angles only. All shelves are black.



Shelves - Sliding

Part Number	Mounting Style	Usable Depth	Required Mtg Angle Spacing	Load Rating
SS2V-1924-2	19" rack-mount	24"	24" to 34"	100 lbs.
SS3V-1930-2	19" rack-mount	30"	28" to 34"	300 lbs.

All sliding shelves are black and will work with either "L" or "M" style mounting angles.



Lacing Bars

Part Number	Height
LBV-45-2	45U (78.75")
LBV-42-2	42U (73.50")
LBV-24-2	24U (42.00")

Vertical Lacing Bars are black and include velcro straps.



Hardware

Part Number	Description
S1B-1032-50	(50) #10-32 x 5/8" Screws
CN12-1032-50	(50) #10-32 Cage Nuts
CN-TOOL	Cage Nut Installation Tool

Power Strips - 120V, Vertical

Part Number	Fits Cabinets	Overall Length	Receptacles (Qty.) Type	Rating Amps	Plug Type	On/Off Switch
PT-3612-15-4-0	24, 42 & 45U	36"	(12) 5-15R	15A	5-15P	Yes
PT-7224-20-4-1	42U / 45U	72"	(24) 5-15R	20A	5-20P	Yes
PT-7224-20-4-5	42U / 45U	72"	(24) 5-15R	20A	L5-20P	Yes

All units above come with a 15 ft. cord. Other vertical and horizontal units are available in both 120V and 220V.

Electrorack's Whisper™ Wall Cabinets are the perfect solution for rack-
ing remote patch panels, hubs & switches.

The optional smaller quieter fan makes it an ideal choice when mount-
ed in an open office environment. The 50 cfm fan is **50% quieter**
than other leading cabinets and provides enough airflow to com-
pletely exchange the air in the cabinet 7 times per minute*.

Our heavy-duty construction & die cast hinges minimize sagging
under heavy loads and feature non-removable pins for added
security.

Locking wing turn latch allows cabinet to be opened and closed
without having to lock the cabinet. This allows "key-free" and
easy access when used in a secure data closet.

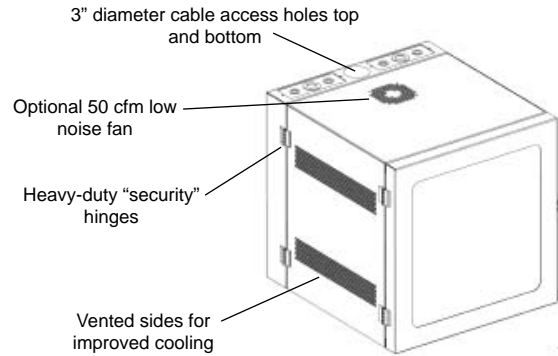
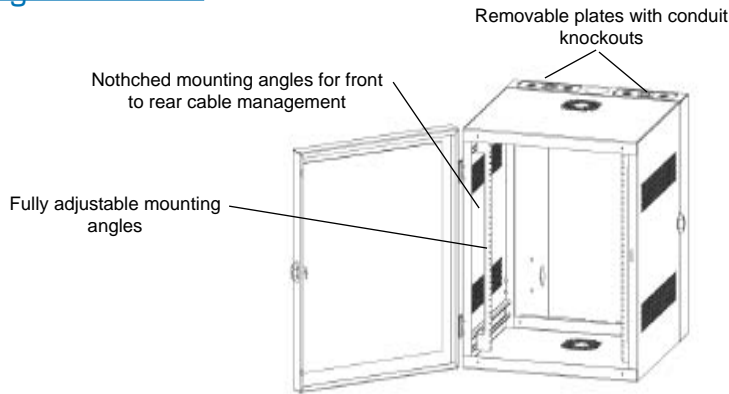
The 24" width & specialized cable pass openings in the equip-
ment mounting angles provide front to rear cable access along
the sides of the cabinet - saving valuable useable rack space.

■ ■ ■ Key Features

- heavy duty all 14 gauge (0.075") steel construction (front door 16 gauge)
- vented sides allow cooling of active equipment
- optional "low-noise" fan can be added for additional cooling
- ships with one pair of 12-24 tapped mounting angles
- mounting angles are fully adjustable - front to rear
- your choice of solid or smoked acrylic front door
- 3" removable cable access holes top & bottom
- durable black powder coated finish
- 12 standard sizes available



Design Features



Ordering Information

PART NUMBER	RACK UNITS	DOOR STYLE	OVERALL HEIGHT	USABLE DEPTH	OVERALL DEPTH	OVERALL WIDTH
STANDARD DEPTH						
2 Foot Tall						
WC2-14SV-2	12U (21.00")	solid	23.50"	14.00"	20.20"	24.00"
WC2-14PV-2	12U (21.00")	plexiglass	23.50"	14.00"	20.20"	24.00"
3 Foot Tall						
WC3-14SV-2	19U (33.25")	solid	35.75"	14.00"	20.20"	24.00"
WC3-14PV-2	19U (33.25")	plexiglass	35.75"	14.00"	20.20"	24.00"
4 Foot Tall						
WC4-14SV-2	26U (45.50")	solid	48.00"	14.00"	20.20"	24.00"
WC4-14PV-2	26U (45.50")	plexiglass	48.00"	14.00"	20.20"	24.00"
EXTRA DEPTH						
2 Foot Tall						
WC2-20SV-2	12U (21.00")	solid	23.50"	20.00"	26.20"	24.00"
WC2-20PV-2	12U (21.00")	plexiglass	23.50"	20.00"	26.20"	24.00"
3 Foot Tall						
WC3-20SV-2	19U (33.25")	solid	35.75"	20.00"	26.20"	24.00"
WC3-20PV-2	19U (33.25")	plexiglass	35.75"	20.00"	26.20"	24.00"
4 Foot Tall						
WC4-20SV-2	26U (45.50")	solid	48.00"	20.00"	26.20"	24.00"
WC4-20PV-2	26U (45.50")	plexiglass	48.00"	20.00"	26.20"	24.00"
ACCESSORIES						
FAN-4WC	50 cfm fan with finger guard & 2' powercord					
WC-12LRT-2	12U mounting angle pair - tapped 12-24					
WC-19LRT-2	19U mounting angle pair - tapped 12-24					
WC-26LRT-2	26U mounting angle pair - tapped 12-24					



Rack-mount LCD Displays & KVM



Consisting of a high-resolution 15" TFT panel, full 83 key keyboard and a glide point touchpad for cursor control, our elegantly designed rack-mount LCD drawers are available with or without an integrated 8 or 16 port KVM switch - all in the same 1U form factor.

The lap-top style design creates functional advantages for the user. Closing like a lap-top protects the TFT display from scratching and damage. Also, only minimal extension out of the rack is required to allow the screen to be raised for viewing providing quick, simple access while minimizing aisle blockage. This is in contrast to many cumbersome designs that store the screen face-up behind the keyboard providing no protection and requiring the drawer to be fully extended out of the rack past the screen before the awkward process of reaching and raising the screen can begin.

Space saving 1U designs create more space for hardware over traditional CRTs that can utilize up to 7U or more in a rack. More equipment in a smaller footprint ultimately saves valuable floor space in your computing environment. Whether you're interested in connecting to an existing KVM or utilizing our integrated solution, Electrorack has the solution.

■ ■ ■ Key Features

- Stylish, curved edges, protective laptop style design
- Compact, space saving 1U form factor
- 8 or 16 port KVM option for 1 or 2 users (still only 1U)
- High resolution (1024 x 768) 15" TFT display
- Windows NT, Windows 2000, Windows 98, Linux and Solaris compatible
- Ultra-thin cable (.21 dia.) for integrated KVM option
- On-screen display (OSD) KVM
- Sun specific options are available
- CE and UL approved
- One year warranty



The rack-mount LCD drawer shown open above to highlight the 15" TFT display, 83 key keyboard and glide point touchpad. The image to the right features the integrated 16 port KVM switch where each port only requires a single cable connection - all of this in a sleek 1U design!



This rack-mount LCD shown open highlights the elegant rounded edge laptop style design, the minimal distance required from the rack-space to open the unit and the overall high-tech aesthetic looks. No sharp steel edges on this unit!



Patent # 6,609,034



Rack-mount LCD Displays & KVM

Ordering Information

Rack-mount LCD - Stand-alone

Part Number	Form Factor	Maximum* Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
KMD-1U	1U	35.5"	1.75"	19"	17"	24 lbs.	4 Post 19" EIA
KMD-1U-SUN	1U	35.5"	1.75"	19"	17"	24 lbs.	4 Post 19" EIA

* KMD-X is a slide extension kit that allows KMD and KMD-S units to mount on rail spacings up to 38" deep [see accessories below]
 - KMD-1U-SUN is a Sun specific unit that is only compatible with Sun products. For all other servers, utilize the KMD-1U.



Rack-mount LCD shown above in protective closed position. At right, the unit is shown open revealing the keyboard, touchpad and screen.

Rack-mount LCD with Integrated KVM

Part Number	Form Factor	Users Local/Remote	KVM Ports	Maximum* Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
KMDS-8	1U	1 Local	8	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16	1U	1 Local	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-8-2	1U	2 Local	8	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16-2	1U	2 Local	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA
KMDS-16-2R	1U	2 [1 Loc/1Rem]	16	35.5"	1.75"	19"	25"	40 lbs.	4 Post 19" EIA

Configuration Notes:
 - Order cables separately (see below)
 - 1 cable per server required
 - Compatible with most other KVMs on market
 - KMDS-16-2R includes 1 remote console up to 500' away (cable supplied by customer)
 * KMD-X extensions (accessories table) allow 38" rail spacing



Rack-mount LCD with integrated KVM switch shown with included rack-mounting brackets and suspensions. The KVM sites directly behind the monitor so the entire unit only occupies 1U.

KVM Switches - Stand-alone

Part Number	Form Factor	Users Local/Remote	KVM Ports	Maximum Rail Spacing	Overall Height	Overall Width	Overall Depth	Shipping Weight	Compatibility Style
S-8	1U	1 Local	8	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16	1U	1 Local	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-8-2	1U	2 Local	8	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16-2	1U	2 Local	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA
S-16-2R	1U	2 [1 Loc/1Rem]	16	N/A	1.75"	19"	7.64"	10 lbs.	2 Post 19" EIA

Configuration Notes:
 - Order cables separately (see below)
 - 1 cable per server required
 - Single HD15 connection on switch
 - On-screen Display - password security, set server names
 - Flash upgrades via web downloads
 - Includes all rack-mount brackets and mounting hardware



Stand-alone KVM switches are available in 8 or 16 ports for one or two users - all within 1U maximizing density. Single cable connections at the switch simplifies connections and allowing faster deployment of equipment.

KVM Cables, Adapters & Accessories

Part Number	Description	Length	Video Connection	Gender	Shipping Weight
S-TC-06	Ultrathin KVM Cable	6'	HD15	Male/Male	1 lbs.
S-TC-09	Ultrathin KVM Cable	9'	HD15	Male/Male	1 lbs.
S-TC-12	Ultrathin KVM Cable	12'	HD15	Male/Male	1.5 lbs.
S-TC-15	Ultrathin KVM Cable	15'	HD15	Male/Male	1.5 lbs.
S-TC-20	Ultrathin KVM Cable	20'	HD15	Male/Male	2 lbs.
S-KVMEXT-12	Console Extension Cable	12'	HD15	Male/Female	1 lbs.
S-EXT-500	500 ft Cat 5 KVM Extension Unit	N/A	HD15	Male	2 lbs.
S-PS2-USB	USB to PS/2 Adapter	N/A	N/A	N/A	1 lbs.
KMD-LOCK	Lock Mechanism for KMD/KMDS	N/A	N/A	N/A	1 lbs.
KMD-X	38" Slide Extensions for KMD/KMDS	N/A	N/A	N/A	1 lbs.

Configuration Notes:
 - Single sheath cable - .21" diameter
 - 1 cable per server required
 - 1 USB adapter required for each USB device (+standard cable)
 - S-EXT-500 allows a user to be up to 500ft. away from the switch. Cat 5 cable not included.
 - Flash upgrades via web downloads



Single sheath Ultra-thin cables are only 0.21" diameter, allowing keyboard video and mouse signals to travel in a cable about the size of a cat 5 cable. Simple connections and reduced cabling eases management, installation and improves airflow.

Specifications

Environmental

Temperature
 Operating: 32° to 104° F (0° to 40° C)
 Non-operating: -4° to 140° F (-20° to 60° C)

Humidity
 Non-condensing, operating: 10 to 90%
 Non-condensing, non-operating: 5 to 95%

Altitude
 Operating: 0 to 10,000 ft (0 to 3048 m)
 Non-operating: 0 to 30,000 ft (0 to 9144 m)

Audible Noise
 Less than 5 dba.

Shock
 Operating: 5 to 500 Hz, 0.5 g (0.1 oct./min)
 Non-operating:
 5 to 100 Hz, 1 g (0.1 octave/min)
 100 to 500 Hz, 1.5g (0.2 octave/min)
 500 to 1000 Hz, 1.5 g (0.2 octave/min)

Electrical

Grounding
 Chassis grounded

Voltage
 100 to 250V AC

Current
 .5 Amps at 250V AC up to .7 Amps at 100V AC [.8 Amps with KVM]

Line Frequency
 Single phase 50 or 60 Hz

Compatibility

XVGA 1024 x 768
 SVGA 800 x 600
 VGA 640 x 480
 PS/2 Keyboard
 PS/2 Mouse
 USB

