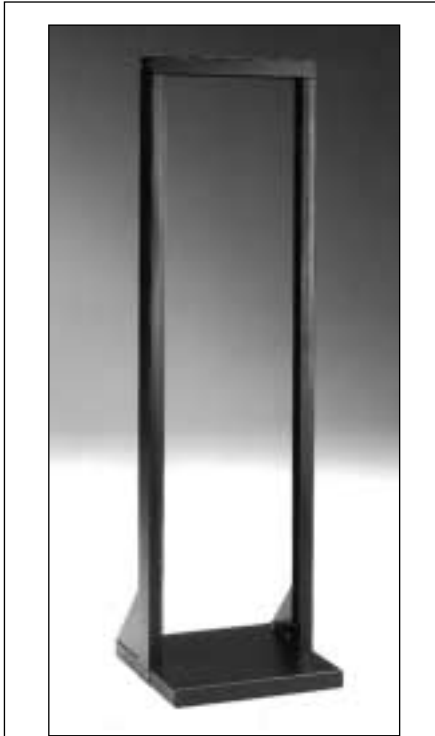


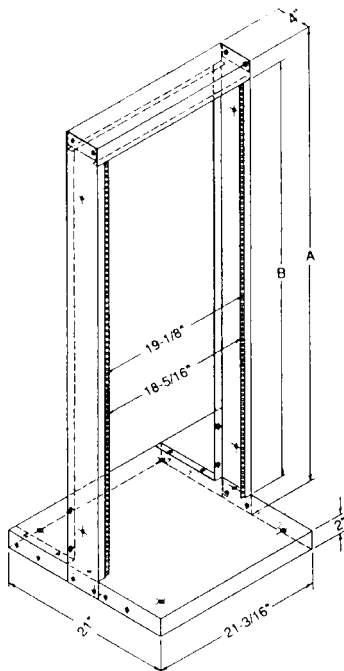


OPEN RACK WITH ADJUSTABLE CHANNEL RAILS

800 Series



800-77



FEATURES

- High-Stability Open Rack Provides Accessibility, Cost-Efficient Support, and an Exceptional Strength-to-Weight Ratio
- Adjustable Channel Holes Accommodate an Extensive Variety of Equipment Depth and Load Requirements
- Sturdy 11-Gauge CRS Mounting Rails are tapped on E.I.A. Spacing to Accept All Types of Components
- Optional Leg Levelers and Casters Provide for Service Convenience Hardware is Furnished for Easy Assembly

APPLICATIONS

Utilize Atlas Sound 800 Series open racks when reliable support, economy, and easy access to equipment is desired. The high-stability rack features channel rails which adjust to maintain the center of gravity for supporting equipment of varying depths. Recommended for supporting 19" wide electronic, telecommunications, switching, testing, signal and transmitter equipment used in control room facilities, transmitter centers, research and development laboratories.

GENERAL DESCRIPTION

Rigid 16-ga. CRS frames feature heavy-duty open rack construction for convenient access and a superior strength-to-weight ratio. Adjustable channel rails assure optimum stability for supporting equipment of varying depths. Easy-to-position channels move to center, front, and rear of base to accommodate loading requirements of equipment measuring up to 6", 6 - 12", and 12 - 20" in depth, respectively. Mounting rails are 11-ga. CRS tapped 10-32 on E.I.A. spacing. Models are available in five sizes with panel space openings from 36⁷/₈" to 77⁷/₈". Base will accept four optional casters (Atlas Sound Model CS-LDPR is sold in pairs, order two) or leg levelers (Model LL-1 includes four levelers). Product finish is a textured black epoxy (#962); other colors are available, Contact factory for details. Unit can be easily assembled using supplied hardware.

MODEL	RACK UNIT	DIMENSION "B" (PANEL SPACE)	DIMENSION "A" (HEIGHT)	BASE DEPTH	WIDTH
800-36	21	36 ⁷ / ₈ " (937mm)	40 ⁷ / ₈ " (1038mm)	21" (533mm)	21 ³ / ₁₆ " (538mm)
800-42	24	42 ¹ / ₈ " (1070mm)	46 ¹ / ₈ " (1172mm)		
800-61	35	61 ³ / ₈ " (1559mm)	65 ³ / ₁₆ " (1656mm)		
800-70	40	70 ⁷ / ₈ " (1781mm)	74 ⁷ / ₈ " (1883mm)		
800-77	44	77 ⁷ / ₈ " (1959mm)	81 ¹ / ₈ " (2061mm)		

Specifications subject to change without notice



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TEN

393



Shown with locking front door

FEATURES

- Completely Assembled and All-Welded Construction
- 16-Ga. CRS Cabinet
- 5/8" - 5/8" - 1/2" EIA Standard Panel Mount Spacing
- 5/8" Offset Rails for Panel Mount
- 11-Ga. CRS Tapped Mounting. Rails
- 10-32 Pan-Head Screws for Panel Mount Supplied
- Spring-Loaded Hinge for Easy Removal of Rear Door, Except 400-5 and 400-7
- Keyed Cylinder Lock on Rear Door, Except 400-5 and 400-7
- Internal Louvers on Each Side, Except 400-5 and 400-7
- Wide Choice of Standard Paint Colors (No Additional Cost)
- Rubber Feet Provided on Models 400-5 and 400-7
- Optional Front Surface Door Available on Models 400-12 through 400-31 has Right or Left-Hand Hinging Capability

GENERAL DESCRIPTION

Atlas/Sound 400 Series cabinets are designed for "desk top" installations accommodating 19" (483mm) wide panel-mounted equipment. They are available in seven popular panel space sizes (see chart on back).

These compact cabinets are constructed of welded 16-ga. CRS throughout. A locking rear door mounted on a spring-loaded hinge for easy removal is standard on all except 400-5 and 400-7. (These smaller models have a removable rear panel secured with "U" clips and bolts.)

Models 400-12 through 400-31 include vents on each side for air circulation. They are also available with optional front surface door Model Series 400-XXFD (ex: 400-12FD). [Order separately.] Door has right or left-hand hinging capability and must be customer-installed following simple drilling template (included).

External wiring is easily strung into the cabinet through the wire entry space below the rear door or panel. Panel mounting rails are recessed 5/8" to provide a flush appearance.

Series 400 cabinets are shipped completely assembled. Equipment panels and accessories are mounted with 10-32 x 3/4" (19mm) pan-head screws (supplied). Rails are formed 11-ga. CRS with tapped mounting holes.

Standard finish is textured black epoxy unless otherwise specified; consult Paint Chart (SL# 10-1239) for other standard colors available at no additional cost.

A wide variety of convenience and electronic accessories are available for Standard Series cabinets.

Specifications subject to change without notice



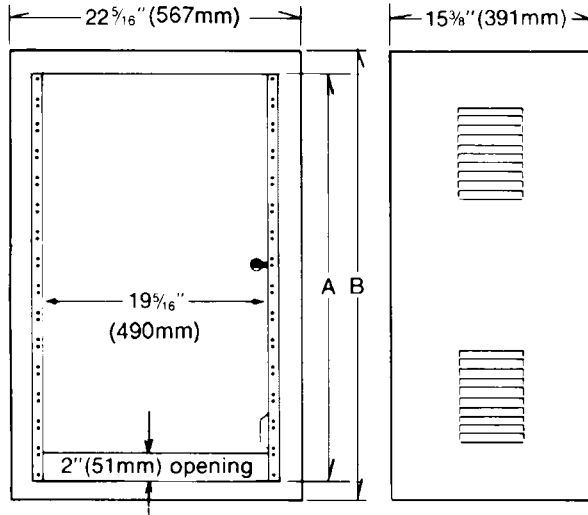
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ARCHITECTS AND ENGINEERS' SPECIFICATIONS

The desk top cabinet shall be Atlas/Sound Model _____. It shall be constructed of 16-gauge CRS. Cabinets with panel space greater than 12-3/8" shall have vents for improved air circulation. It shall have a locking rear door on spring loaded hinge with a cylinder lock or removable panel. The rear of the cabinet shall have suitable entry space for introducing external wire into the cabinet. Optional front surface door Model _____ shall be used.

The cabinet shall be provided with 10-32 x 3/4" (19mm) pan-head screws and 11-ga. CRS mounting rails which shall be tapped 10-32. The finish shall be textured black epoxy.



Model No.	Width	B Height	Depth	A Rack Unit	Shipping Weight Panel Space	Optional Surface Mount Pounds (Kg.)	Front Door
400-5	22-5/16" (567mm)	8-1/2" (216mm)	15-3/8" (391mm)	3	5-3/8" (137mm)	30 (13.61kg)	N.A.
400-7	22-5/16" (567mm)	10-1/4" (260mm)	15-3/8" (391mm)	4	7-1/8" (181mm)	33 (14.97kg)	N.A.
400-12	22-5/16" (567mm)	15-1/2" (394mm)	15-3/8" (391mm)	7	12-3/8" (314mm)	36 (16.33kg)	400-12FD
400-17	22-5/16" (567mm)	20-3/4" (527mm)	15-3/8" (391mm)	10	17-5/8" (448mm)	43 (19.50kg)	400-17FD
400-21	22-5/16" (567mm)	24-1/4" (616mm)	15-3/8" (391mm)	12	21-1/8" (537mm)	48 (21.77kg)	400-21FD
400-24	22-5/16" (567mm)	27-3/4" (705mm)	15-3/8" (391mm)	14	24-5/8" (626mm)	54 (24.49kg)	400-24FD
400-31	22-5/16" (567mm)	34-3/4" (883mm)	15-3/8" (391mm)	18	31-5/8" (803mm)	63 (28.58kg)	400-31FD

Specifications subject to change without notice

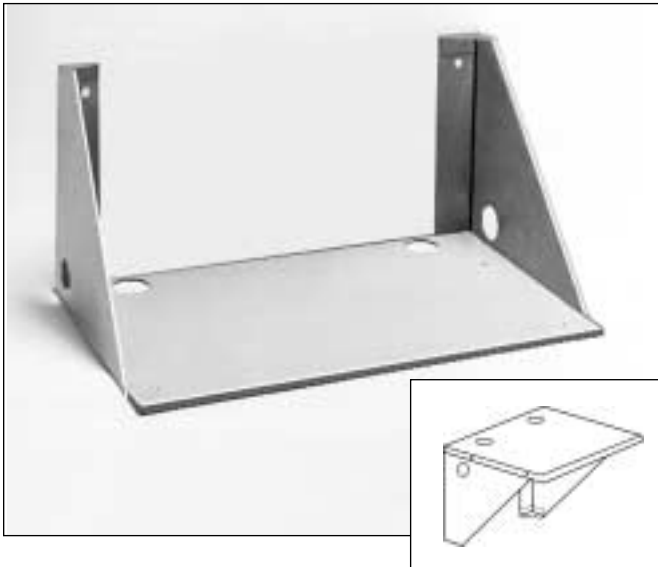


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AS-120



AS-140

- Choose Welded or 3-Piece Shelf to Securely Wall Mount Electronic Components
- Sturdy 16-Gauge CRS Units Mount to 16" Wall Studs
- Includes Wire Access Holes to Safely Accommodate Cabling
- Offered in a Choice of Standard Colors

APPLICATION

Atlas Sound Model AS-120 and AS-140 wall mount shelves are perfect for limited-access of electronic equipment in convenience food stores, restaurants, audio/video control rooms, educational and institutional facilities, auditoriums, stadiums, or venues where the convenience of open access and wall mounting of equipment is desired. The shelves wall mount on 16" centers.

Typical installations include supporting VHS recorders, amplifiers, TV/video monitors, tuners, SCA receivers, computer CPU's or other electronic equipment that is not rack mountable, or does not require enclosure protection.

MODEL AS-120 The durable, welded shelf is constructed of 16-gauge CRS, and is equipped with four keyhole slots in the back panel (2 on top and 2 on bottom). Keyhole slots are evenly spaced on 16" centers for stud mounting to walls. Additionally, Model AS-120 features a 3/8" (10mm) front return to safely retain equipment and a total of four, 1 1/2" diameter holes for wiring access (2 on bottom and 1 per side panel). The shelf, which can support up to 100 pounds, has solid side panels for added aesthetics and protection. Models are available in a choice of standard colors.

MODEL AS-140 Versatile shelf may be mounted so that equipment is installed between side supports or inverted "bookshelf-style" for open equipment placement. The durable, three piece shelf is constructed of 16-gauge CRS, and is equipped with four mounting holes, evenly spaced on 16" centers for stud mounting to walls. For installation convenience, the bottom/top panel has a drilling template for marking the four mounting holes. Model AS-140 shelf is formed on four sides for rigidity, and has a total of four, 1 1/2" diameter holes for wiring access (2 on the bottom/top panel and 1 on each side panel). The shelf, which can support up to 150 pounds, has welded hanger gussets for extra strength. The AS-140 ships knocked-down for storage and shipping economies. It includes assembly hardware and is available in a choice of standard colors.

MODEL	DIMENSIONS	WEIGHT CAPACITY	MOUNTS	WEIGHT
AS-120	20" W x 12 1/2" D x 10" H (508 x 318 x 254mm)	100 lbs.	Wall Surface	8.75 lbs. (3.95 kg.)
AS-140	20" W x 17" D x 12 3/8" H (508 x 432 x 314mm)	150 lbs.	Wall Surface	14.5 lbs. (6.6 kg.)

Specifications subject to change without notice



ARCHITECT & ENGINEER SPECIFICATIONS

The 20" wide wall mount shelf shall be Atlas Sound Model _____ (AS-120, AS-140) or approved equal. Shelf shall be constructed of 16-gauge CRS, _____ (AS-120: welded or AS-140: three piece bolt together with hardware), and include four mounting holes on 16" centers for stud mounting to a wall surface. Wire access shall be provided by two 1½" holes on shelf bottom and one

1½" hole on each side hanger. Weight capacity of the shelf shall be _____ (AS-120: 100 lbs., AS-140: 150 lbs.). The wall shelf shall be finished in _____ epoxy. Model AS-120 shall include a ¾" front return for equipment retention. Model AS-140 shall be formed on all four sides and include welded hanger gussets for versatile installation above or below side panel/hanger supports.

AS-120 MOUNTING REQUIREMENTS

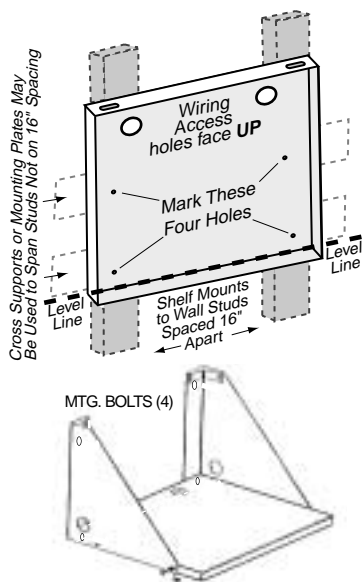
Note: the mounting holes are on 16" centers. If your wall does not have studs spaced 16" apart, install a solid cross support or mounting plate.

AS-140 ASSEMBLY AND MOUNTING INSTRUCTIONS

Note: the mounting holes are on 16" centers. If your wall does not have studs spaced 16" apart, install a solid cross support or mounting plate as shown below.

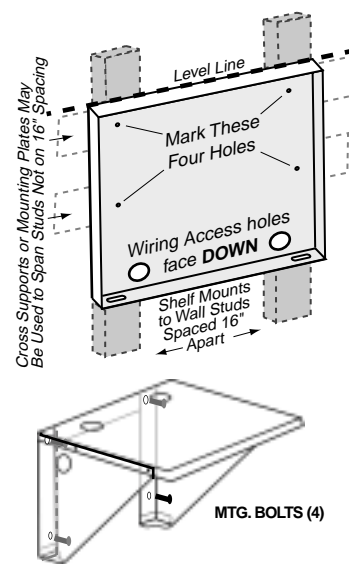
INSTALLATION FOR SHELF BELOW SUPPORTS

1. Determine location on the wall for the shelf top surface.
2. Add an additional ¾" (for the additional height of the shelf bottom) and make a level line.
3. Indicate and drill the four bracket holes using the template on the shelf bottom as indicated.
4. Bolt the hangers to shelf bottom with supplied 4 qty. 10-32 x ½" screws, nylon washers, and nuts.
5. Mount the assembled shelf to the wall using 4 screws or lag bolts (by others). Note: The bottom 2 bolts will go through both the shelf bottom and the side hangers.



INSTALLATION FOR SHELF ABOVE SUPPORTS

1. Determine location on the wall for the shelf top surface.
2. Indicate and drill the four holes using the template of the shelf top as indicated.
3. Bolt the hangers to shelf top with supplied 4 qty. 10-32 x ½" screws, nylon washers, and nuts.
4. Mount the assembled shelf to the wall using 4 screws or lag bolts (by others). Note: the top 2 bolts will go through both the shelf top and the side hangers).



Specifications subject to change without notice



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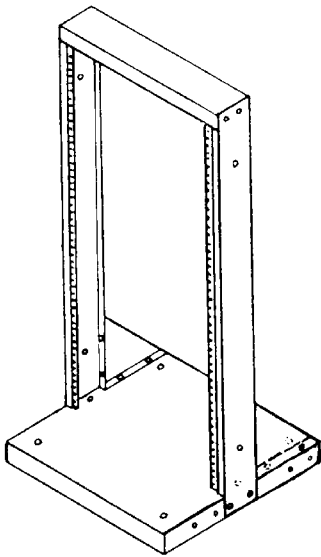
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ARCHITECT AND ENGINEER SPECIFICATIONS

Open equipment rack shall be Atlas Sound 800 Series Model _____. Rack shall include adjustable channel rails to transfer and maintain equipment loading over base center. Vertical panel space shall be (36", 42", 61", 70", 77"). Construction shall be

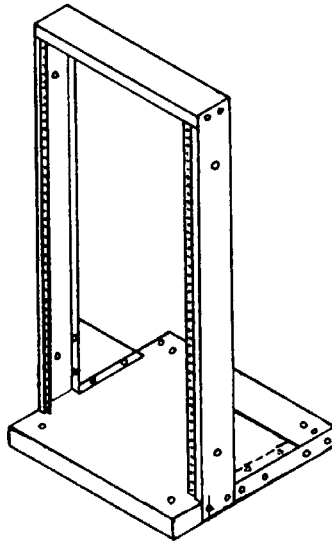
16-gauge CRS with 11-gauge CRS mounting rails tapped on E.I.A. spacing for 10-32 machine screws. Color shall be _____ (specify color) epoxy finish.

800 SERIES RACK CONFIGURATIONS



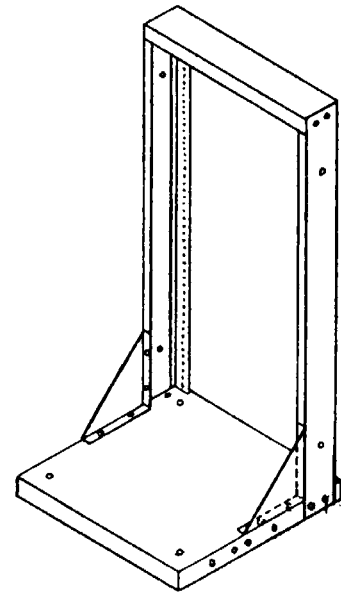
CENTERED RAILS

This configuration is recommended for racking equipment less than 6" in depth including telephone switching relay equipment.



FRONT MOUNTED RAILS

For racking laboratory test and other equipment measuring 6" to 12" in depth.



REAR MOUNTED RAILS

Rear position rails provide superior stability when racking sound/broadcast or other equipment measuring 12" to 20" in depth.

Specifications subject to change without notice



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