Complex Problems

I need a rack that fits my specification and my budget

I need a rack with simple part numbers that are logical and descriptive
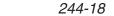
I need to reduce vendors —how can I buy a quality rack from a full line supplier?

Atlas Solutions

ALL NEW RACKS FROM ATLAS SOUND

- 4 new families of vertical racks designed for exceptional strength and versatility to fit most any specification requirement.

- Logical and descriptive model numbers! Example: Model # 244-25 is a 200 series cabinet, 44RU high, 25" deep. New commonality of doors, side panels and casters also simplify accessory ordering.

- Atlas wants your rack business! Combine our cost effective racks with other Atlas products to qualify for the industry's most aggressive free freight program!

744-25 *244-18*

WE PROMISE · **TRUST ATLAS** · **WE DELIVER**

THE TEAM Atlas Sound

Ask your Atlas Representative for details and discover how the simple solution is the Atlas Solution!

Atlas Sound

100 Series

- 21RU to 44RU heights, 18 1/2″ depth
- Fixed rack rails
- The best value in the industry

200 Series

- 21RU to 44RU heights, 18 1/2″ or 25 1/2″ depth options
- Adjustable rack rails
- Maximum versatility for any single bay cabinet installation

The economical Atlas Sound 100 series cabinets are 22 5/16″ wide, 18 1/2″ deep, and are available in five vertical panel space heights (21RU to 44RU). All 100 series cabinets include one pair of 11 ga. CRS fixed mounting rails.

The versatile 200 series is 22 5/16″ wide, available in five vertical panel space heights (21RU to 44RU) in either 18 1⁄2″ and 25 1⁄2″ depths. All 200 series models feature front-to-rear hat sections for rack rail positioning convenience with slotted cutouts for wire management.

The 100 & 200 series are constructed of 16 ga. CRS and include base, top panel, side panels, mounting rails, a removable rear door with cylinder lock and flush door pull handle.

Both series offer several installer-friendly advantages, including an expanded 6RU opening in the cabinet top and bottom which can be left open for wire access and/or ventilation, or closed using a standard vent or solid panels.

Rear doors (included with all models) are hung with quick-release spring hinges which allow them to be rotated 180° for right or left-hand opening. If a front door is ordered, it will be keyed differently than the rear door for security.

Rack rails are precision tapped 10–32 and recessed 11/16″ (17.5mm). These plated rails include convenient RU indicator hash marks to aid in equipment alignment. Rails are standard E.I.A. 5/8″-5/8″-1/2″ spacing.

Conduit arrays are located on the top and bottom surface panels, as well as the top and bottom back flanges. Flange arrays consist of five knockouts, three 1″ (25mm) standard, and two 1/2″ (13mm) x 3/4″ (19mm) concentric. Surface arrays are comprised of 4 knockouts, two, 1″ (25mm) standard knockouts and two 1/2″ (13mm) x 3/4″ (19mm) concentric.

Stamped, perforated vents are located on all sides as well as on the rear door to allow for maximum air convection.

Cabinet surfaces are phosphate pre-treated for proper paint adhesion of the textured black epoxy finish.

144-18　　　　**244-18**　　　　**544-25**　　　　**744-25**

Solid Front Door   **Plexiglass Front Door**   **Perforated Front Door**

500 Series

- 35RU to 44RU heights in 25 1/2″ depth (44RU height also available in 30″ depth)
- Innovative & easy side panel attachment
- Perfect for any multi-rack installation

For basic ganging rack requirements, Atlas offers the newly designed 500 series. 500 series is 22 5/16″ wide, available in 3 vertical panel space heights (35RU, 40RU and 44RU) in 25 1⁄2″ depth and 44RU in 30″ depth.

Refinements from the previous 500 series offerings include an innovative new optional locking side panel and front surface mount door installation method as well as increased 6RU open area top and bottom for cable & conduit access.

These sturdy welded racks feature 16 ga. CRS welded frames with open sides for easy wiring access in single or multi-bay configurations. Racks offer superior wire management, ventilation and styling.

The series is shipped with a flush-mounting, removable rear door (right or left-hand hinging) with lock, and include one pair of 11 ga. CRS adjustable mounting rails. Rack rails (2 pair 544-30) are precision tapped 10–32 and recessed 1 3/16″ (30mm). These plated rails include convenient RU indicator hash marks to aid in equipment alignment. Rails are standard E.I.A. 5/8″-5/8″-1/2″ spacing.

Hatsections are also on 19″ panel spacing to accommodate vertical accessory mounting. Punched vents are located at the cabinet's front edge - top and bottom.

700 Series

- 35RU to 44RU heights in 25 1/2″ depth (44RU height also available in 30″ or 36″ depths)
- Heavy duty 14 ga. frame construction
- The perfect rack to handle installations of heavy rack-mount equipment

For single and multiple bay configuration installs requiring additional weight capacity and depths extending up to 36″, Atlas offers the 14 ga. frame construction of the 700 series in 3 vertical panel space heights (35RU, 40RU and 44RU) in 25 1⁄2″ depth, and 44RU height in 30″ and 36″ depths.

Multi-formed and welded frame members provide superior strength and load bearing capability. Base is constructed of double-formed front and rear sections, MIG welded and reinforced with 11 ga. CRS corner caster gussets. Vertical columns interlock with frame top and base adding double material thickness for superior load bearing capability. Mounting rail channel support members are multi-formed and MIG welded for superior interlocking support. Panel mounting rails are fully adjustable front to rear.

Base includes four 3⁄8″–16 threaded sockets to accept leg levelers (Models LL-1) and four 11 ga. CRS corner gussets that are punched to accept casters. Base also has provisions to be permanently secured to the floor.

The series is shipped with 2 pair of 11 ga. CRS adjustable mounting rails. Rack rails are precision tapped 10–32 and recessed 1 3/16″ (30mm). These plated rails include convenient RU indicator hash marks to aid in equipment alignment. Rails are standard E.I.A. 5/8″-5/8″-1/2″ spacing.

Hatsections are on 19″ panel spacing to accommodate vertical accessory mounting.

These cabinets sport a solid secure professional look without punched vents. Therefore, thermal air-flow design may be precisely designed and maintained without the fear of contaminants or other foreign/damaging objects entering through vents.

Atlas Sound is proud to announce a complete re-vamping of our vertical rack offerings to better suit the needs of designers, specifies, and contractors.

A simple new part numbering system references the basic feature sets of Atlas Sound's legacy series WA racks while employing a simple nnomenclature for ordering ease.

- First digit indicates series (100, 200, 500, or 700)
- Next 2 digits indicate RU panel height
- Last 2 digits indicate overall depth.

For nomenclature reference, a previous 100 series 44RU, 18 1/2" deep cabinet had a complete part number of WA100-77-962 (-962 indicates black). The new 100 series part number for this depth and height configuration will be 144-18.

Common Features:
- Fully/infinitely adjustable rack rails (continuous hatsection slot) on all models except 100 series
- Discreet hash marks on rails to locate separate rack-spaces will aid equipment alignment.
- Re-engineered drop-in side panels for 500 and 700 series gangable models can be locked internally or externally via an optional accessory lockset. Providing a similar security option as our convenient hinged/keyed side panel found on the flagship FMA Series Racks.
- Larger (6RU) open area top for increased cooling, access, and conduit options on our 100, 200 and 500 Series. The 700 Series has 12RU, 14RU & 18RU top openings depending on the depth. Bottoms on the cabinets have additional open area depending on the model.
- Solid, perforated and plexiglass door options are universal for all models, and can be front mounted after rack is populated via factory-installed inserts.
- Drop-in rack rail system easily facilitates additional accessory rail assemblies or power distribution.
- Separate door/panel keying allows access by maintenance personnel in the side and back areas of the cabinet and access by office personnel in the front.
- Like the popular FMA models, our 500 and 700 series gangable models can be ganged together via inserts after the rack is populated.
- UL 1678 listed

"The launch of these products will impress upon the industry that Atlas Sound is the dealer's best rack option. Our new rack offerings will provide rack solutions that are easy to order, quick to ship and a breeze to configure. We encourage our customers to bundle these new rack solutions with our other category solutions such as Strategy speakers, mixer amplifiers and stadium horns to qualify for the industry's most aggressive free freight policy."

—Steve Young, VP of Sales and Marketing

MODEL	121-18	124-18	135-18	140-18	144-18	221-18	224-18	235-18	240-18	244-18	221-25	224-25
Overall Dimensions (H-W-D)	41", 22.31", 18.5"	46.25", 22.31", 18.5"	65.5", 22.31", 18.5"	74.25", 22.31", 18.5"	81.25", 22.31", 18.5"	41", 22.31", 18.5"	46.25", 22.31", 18.5"	65.5", 22.31", 18.5"	74.25", 22.31", 18.5"	81.25", 22.31", 18.5"	41", 22.31", 25.5"	46.25", 22.31", 25.5"
RU	21	24	35	40	44	21	24	35	40	44	21	24
Usable Depth	17.03"	17.03"	17.03"	17.03"	17.03"	17.03"	17.03"	17.03"	17.03"	17.03"	24.06"	24.06"
Rails	1 (FIXED)	1 (FIXED)	1 (FIXED)	1 (FIXED)	1 (FIXED)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)

MODEL	235-25	240-25	244-25	535-25	540-25	544-25	544-30	735-25	740-25	744-25	744-30	744-36
Overall Dimensions (H-W-D)	65.5", 22.31", 25.5"	74.25", 22.31", 25.5"	81.25", 22.31", 25.5"	65.5", 22.31", 25.5"	74.25", 22.31", 25.5"	81.25", 22.31", 25.5"	81.25", 22.31", 30"	65.5", 22.34", 25.52"	74.25", 22.34", 25.52"	81.25", 22.34", 25.52"	81.25", 22.31", 30.02"	81.25", 22.34", 36.02"
RU	35	40	44	35	40	44	44	35	40	44	44	44
Usable Depth	24.06"	24.06"	24.06"	24.06"	24.06"	24.06"	28.03"	23.53"	23.53"	23.53"	28.03"	34.03"
Rails	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	1 (Adjustable)	2 (Adjustable)	2 (Adjustable)	2 (Adjustable)	2 (Adjustable)	2 (Adjustable)	2 (Adjustable)

Atlas Sound

Atlas Sound VARIZONE DIGITAL PUBLIC ADDRESS SYSTEM

ISO9001 -CERTIFIED-

UL

NAMM International Music Products Association®

ATS002708 RevA 02/07 484095