

Texas Tough Series

Floor-Standing Cabinets









- 1. Read these instructions. Follow all instructions. Keep these instructions. Heed all warnings.
- 2. Use eye protection and protective gloves while unpacking the cabinet.
- 3. Make sure there are enough people to help safely unload and install the system. Empty rack cabinets alone may weigh up to 300 lbs. Moving rack cabinets can present dangers to other personnel and the incorporated equipment.





Important Safety Instructions

- These cabinet products are initially provided without installed electrical equipment and therefore are not liable for any hazards/damage incurred
 by not following proper safety procedures. Installation, operation, and maintenance personnel should always follow the procedures outlined in
 the National Electrical Code and any other regulations mandated by the local authorities having jurisdiction over the installation.
- 2. The cabinet is designed for installation and use in areas designated as "Restricted Access Location" only.
- 3. The installation of the cabinet is to be made by qualified service personnel in accordance with local building codes, the Installation Instructions, and the National Electrical Code.
- 4. The Listing Mark on the product does not cover any of the electrical equipment, AC or DC, that may be installed in the field. The Product is not intended to contain or house any open-frame, high-voltage electrical components like open switches, supplementary protectors, circuit breakers, fuses, relays, etc.
- 5. The cabinet is intended to house audio, video, information technology, and telecommunications equipment provided with their own fire, electrical, and mechanical enclosures.
- 6. Product is evaluated for use in environmentally controlled indoor areas only. The product is not to be used outdoors, in industrial or harsh environments, or in plenum spaces.
- 7. The frame of the product may support a maximum load of 2,500 lbs.
- 8. Use eye protection and protective gloves while unpacking and installing the cabinet.
- 9. Ensure adequate manpower is available to safely unload and install the product.

Introduction

- 1. This rack cabinet system is used to house rack-mountable equipment for use in audio, video, and/or data applications for network, voice, data and video modules / devices and their associated cabling. Final equipment installer must follow individual equipment manufacturer's installation instructions.
- 2. All models support a maximum load up to 2,500 lbs.
- 3. All models comply to U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CAN / CSA-C22.2 No. 60950-1-07, Second Edition, date March 27, 2007, UL 2416, Outline of Investigation for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems.", Issue 2, dated 2013-07-12.
 - IEC 62471 Photobiological safety of lamps and lamp systems.

Required Tools

- 1. Razor Knife
- 2. #2 Phillips Cross-Drive Screwdriver (Manual or Auto)
- Tape Measure (optional)
- 4. 9/16" Hex Socket Driver





Shipping Packaging Removal

CAUTION: Ensure adequate manpower is available to help safely unload and install the system. Empty cabinets alone may weigh up to 300 lbs. Moving cabinets can present dangers to both personnel and installed equipment.

CAUTION: Use eye protection and protective gloves while unpacking and installing the cabinet.

- The cabinet will be shipped on a wood pallet. Select a location with adequate surrounding space for unpacking.
 In addition, plan a smooth and unobstructed route to the installation site. Low obstructions, narrow pathways, doorsills, carpet, etc. can hinder movement. Use care when navigating obstacles. Always push from the cabinet front or back surfaces, never pull a cabinet or push from the cabinet sides.
- 2. Carefully cut and remove shipping materials holding cabinet to shipping pallet.

DID YOU KNOW? The Shipping stiffener is actually a standard 3RU panel and therefore may be repurposed to another location on the cabinet.

3. Carefully cut and remove the hardware bag containing door keys, rack rail hardware, top hardware and set aside for future use.

Leg Levelers

CAUTION: Before loading the cabinet with equipment, note that use of the leg levelers reduces the cabinet capacity. They are not recommended for installations requiring full load capacity.

- 1. In most cases where cabinet is to be mounted to the floor, remove the Leg Levelers from the cabinet by turning them in a counter-clockwise fashion.
- 2. In cases where multiple cabinets are to be ganged together, remove the Leg Levelers as they can interfere with the adjoining cabinet.
- 3. In cases where the caster kits are used to move the cabinet, remove the Leg Levelers as they can catch on the ground surface and cause the cabinet to fall over.

NOTE: If the floor the cabinet will be placed on is not level, the front and/or rear door may not close properly.

Cabinet Orientation

1. The front of the cabinet is denoted by the rack crown and front door cut outs mounted with either solid, vented, or plexiglass panels behind them.

DID YOU KNOW? The Texas Tough illuminated badge may be removed and replaced with custom badge. Contact AtlasIED (support@atlasied.com) to order a custom badge.

- 2. The bottom of the cabinet will contain mounting points for leg levelers and caster kit.
- 3. All Texas Tough models are sold with an installed flush rear door.





Initial Rail Setup

- Remove metal shipping stiffeners (if included) using a #2 Phillips screwdriver by removing the (4) 10-32 Phillips cross-drive screws.
- Adjustable rails may move forward and backward within the hat-section slot. Once relocated to the desired position the rails lock in place with AtlasIED's DINlokTM System Technology.
- 3. Locate front rails in the front-to-back direction as required by equipment to be installed. Once located, be sure to leave an equal gap at the top and bottom of each rail as required to clear any mounting hardware.

NOTE: While front rails are typically mounted at the front of the cabinet, closest to the front door, this position may not provide adequate clearance when front door is closed. Always consider the forward space for knobs, connections, etc. as required by the installed components.

4. If moving rear rack rails, use a tape measure to locate rear rail with respect to the front rail surface. This distance will vary based on installed equipment. Again, be sure to leave an equal gap at the top and bottom of each rail to clear any mounting hardware.

NOTE: Verify rear door / lock will not interfere with installed equipment.

 Once relocated to the desired position the rails lock in place using AtlasIED's DINlok™ System Technology.

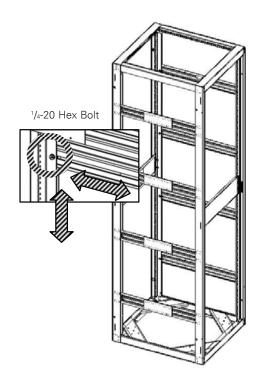
Initial Rear Door Setup

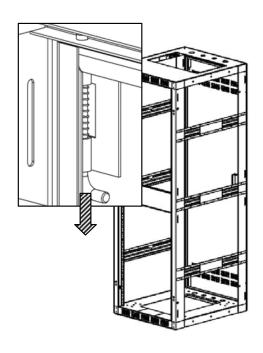
DID YOU KNOW? The rear flush door may be hung left- or right-hinged as required by the final installation.

NOTE: The flush rear door may not be installed on the front of the cabinet.

NOTE: Installed equipment may interfere with proper door closing. See Initial Rail Setup section before proceeding.

- Remove rear door by pulling the spring-loaded Cane Bolts towards the center of the door.
- 2. Be sure nylon gap washer located at the bottom of the door is retained.
- 3. Flip door as required.
- Install the door into position with the nylon gap washer located at the bottom of the door.
- 5. Be sure spring-loaded Cane Bolts actuate to their outward position.









Front Door Installation

DID YOU KNOW? The front door may be hung left- or right- hinged as required by the final installation.

NOTE: Installed equipment may interfere with proper door closing. See Initial Rail Setup section before proceeding. The door will be mounted on the left side of the rack from the factory.

- Open the door fully.
- 2. Remove the safety door strap. Remove the screws attaching the safety strap on both the door and frame. Remove the cable and set aside with the screws.
- 3. To remove the door, slide the top hinge lock pin toward the top of the cabinet, then slide bottom hinge towards the bottom of the cabinet. Remove door.
- 4. Remove the 4 caps protecting the door installation points on the cabinet and set aside.
- 5. Install the 4 caps in the hinge mounting holes on the left side of the rack.
- 6. Reattach the safety door strap to the frame of the cabinet.
- 7. Orient the door as it will be mounted on the cabinet. The hinge side will be opposite from the handle and lock.
- 8. Re-lock the top and bottom hinge on the door.
- 9. Reattach the safety door strap to the top of the door.

To reverse door lock if needed:

- 1. Remove both screws on metal mounting plate, set aside.
- Remove mounting plate, set aside.
- 3. Position locking latch to vertical and remove lock assembly.
- 4. Flip lock assembly to desired direction and reinsert in front door.
- 5. Replace mounting bracket and attach with the two screws.
- 6. Remove screw and locking latch.
- Reposition latch to lock into cabinet and attach with the screw.



Caster Kits (purchased separately TT-RCK)

DID YOU KNOW? Caster Kits may be purchased to transfer an empty cabinet. The load capacity of these Caster Kits is 800 lbs.

NOTE: Interference could exist between racked-equipment and caster. See Initial Rail Setup section before proceeding.

CAUTION: Tall rack cabinets are not stable during any transport and can easily fall over. A fully loaded rack is more susceptible to falling over. Do not move a loaded cabinet on a caster kit. Take care moving an unloaded cabinet on a caster kit. Please use an appropriate number of people or appropriate equipment to safely handle the weight.

- 1. It is best to install the caster kit on an unloaded cabinet.
- 2. Carefully lay the cabinet on its side.
 - Locate the metal truck installation points on the bottom of the cabinet.
 - B. Fit the metal truck bracket to the front or rear of the cabinet.
 - C. Install the metal truck bracket to the cabinet using the (5) $^5/_{16}$ -18 x $^3/_4$ " hex bolts and (5) $^5/_{16}$ -18 hex nuts. The bolt head should be installed underneath the main cabinet interior.
 - D. Repeat steps B and C with the second metal truck bracket.
- 3. Remove caster kit before loading equipment into the rack.

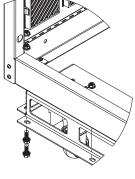
Floor Installation

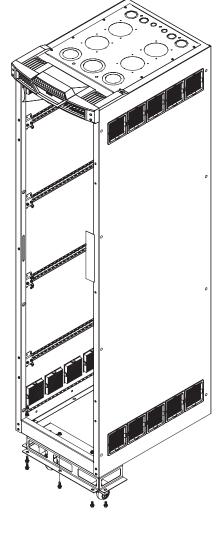
CAUTION: Ensure adequate manpower is available to help safely install the cabinet. Empty cabinets may weigh up to 300 lbs. Moving rack cabinets can present dangers to both personnel and the installed equipment.

CAUTION: Use eye protection and protective gloves while installing the cabinet.

Locate and use the mounting holes on the bottom of the cabinet to install unit to the floor.

NOTE: It is easiest to install the cabinet to the floor before loading. Be sure adequate room exists to get tooling into the bottom areas of the cabinet. After installation to the floor, the bottom rack unit may or may not be usable. Consult Equipment Installation section.







Equipment Installation

CAUTION: Ensure adequate manpower is available to help safely install equipment within the rack. Despite the small size of some gear, weights can easily reach 80 lbs. or more. Know the weights of the equipment to be installed and use the appropriate number of people or rigging equipment.

DID YOU KNOW? Equipment installation may be greatly aided by using the AtlasIED LAR150. The LAR150 Load-A-Rack tool provides a much-needed "helping hand" during installation and reduces manpower required to hold the equipment in place during installation.

DID YOU KNOW? Rail positions (rack units) are conveniently marked on the cabinet rails. The 1st position will always be at the bottom of the cabinet. The first set of 3 mounting holes in each rail make-up this 1st rack unit position. The next set of 3 mounting holes make-up the 2nd rack unit position and so on.

NOTE: Interference may exist between racked-equipment, doors, and floor of the cabinet. See Initial Rail Setup section before proceeding.

- Equipment is typically mounted using 10-32 screws.
- 2. Start mounting equipment in the lower elevations of the cabinets.
- 3. Always mount the heaviest equipment within the lower elevations of the cabinet.

NOTE: If installed equipment has cooling vents on the top or bottom, do not block those vents. Leave at least 1RU of space or more between adjacent equipment. Filler panels may be used to fill these open spaces.

4. In general, any piece of equipment heavier than 25 lbs. per rack unit should utilize a rear rack rail. Consult chart below:

Rack Units	Front Rail Max	Front + Rear Rail Max	
1 RU	25 lbs 56 lbs		
2 RU	50 lbs	112 lbs	
3 RU	75 lbs	168 lbs	
4 RU	100 lbs	224 lbs	
n RU	n x 25 lbs	n x 56 lbs	

- 5. If any type of pullout device like a drawer or monitor is installed in the cabinet, be sure the cabinet is firmly attached to the floor before opening pullout.
- 6. After completing the equipment installation, be sure all doors close properly.

Dust Prevention Snap-In Filter Cubes

Air filter panels cut down on dirt and dust intrusion into the rack keeping the installed equipment clean and optimally functioning. In addition, these air filters feature a replaceable filter membrane that is accessed from the outside of the rack. A provided air block may also be installed on individual air filters to better control cooling paths.

- Snap-fit installation into cabinet must have rear access to remove
- Contains an air filter element
- Toolless air filter replacement may be replaced from the outside of rack
- May be sealed with a simple air filter blocking sheet







Custom Plate Installation





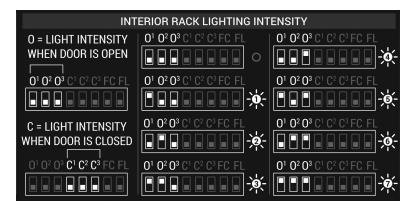
- I. Remove screws (2) from the left and right sides of the Texas Tough crown.
- 2. Tilt the front panel forward 45° and lift up and out to disengage the housing from the main crown body.
- 3. Disconnect the power cord and 2-wire control connections from the PCB and remove the housing entirely.
- 4. Slide the center portion of the crown to the rear.
- 5. Once loosened, holding the housing with the back facing the user, push on the top of the center section with thumbs until it comes loose.
- 6. Slide the factory acrylic insert from one side to the other to remove.
- 7. Slide the custom insert in the same way the factory version was removed.
- 8. Place the center section gently back into the housing.
- 9. Press the center section down until it snaps into place.
- 10. Reconnect the AC power cable and 2-wire control connector.
- 11. Angle the front housing 45° against the front of the rack with the tabs below the front facia of the crown. Tilt the front housing backward to align with the crown.
- 12. Reinsert the screws into both the left and right sides and tighten to secure the front housing to the crown.





Down-firing LED Lights

Down-firing LED lights are integrated into the front soffit of the rack. The white light intensity is adjustable for both the open and closed door positions. This provides illumination for technicians working on the installed equipment with the rack door in the open position. Also, the LEDs can be used to provide a less intense ambient light in the closed door rack to delicately showcase the equipment when installed in a high profile location. The LEDs are adjustable by setting the intensity through the dip switch settings as follows.



Equipment Fault Indicator

A PCB installed in the rack crown includes a contact closure that can be connected to a remote fault indicator allowing the LEDs to change color when an equipment fault is detected. This provides a visual indication that there is an issue. Additionally, the contact closure will trigger an audible alarm when a problem is detected. To set the fault indicator use the dip switch settings below.

FC Off Door Closed - Badge will light Red for 2 seconds, then turn Yellow for ½ seconds with audible alarm

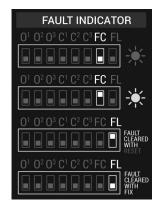
FC Off Door Open - Badge will light Red

FC On Door Closed - Badge will light Yellow for 2 seconds, then turn Red for ½ seconds with audible alarm

FC On Door Open - Badge will light Yellow

FL On - To clear alarm the issue must be fived, and the reset button depressed

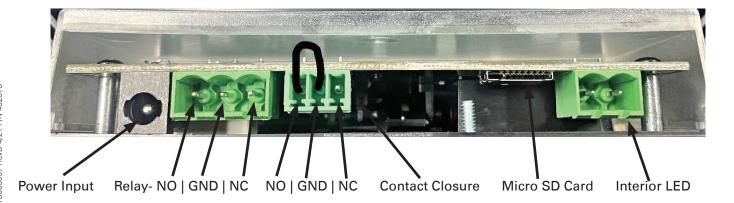
FL Off - To clear alarm the issue must be fixed.











- Power Input is factory wired to a 5V DC power supply
- · Relay NO/NC contacts are activated when the front door is open, or the fault input is triggered
- Contact closure activates the fault condition when either the N.C. contact opens, or the N.O. contact closes. In this case the DS-7 on the second dip switch controls whether the fault indication color is Red (SW-Off) or Yellow (SW-On). (Note: remove factory jumper from GRD and NC before use)
- Micro SD Card is used for programming. (Note: not used at this time)
- · Interior LED- Factory wired to the interior LED strip

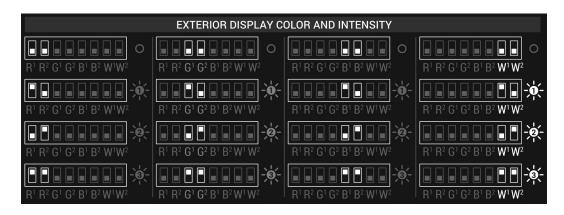
Factory Default Functionality

- Door closed
 - o Crown Color Blue
 - o Interior Light is Off
- Door open
 - o Crown Color Blue
 - o Interior Light On
- Fault
 - o Cleared with Fix
 - o Crown Light Red for 2 seconds Flash Yellow and Audible Alarm for 1/2 second- (Door closed)
 - o Crown Light Red (Door open)



Edge Lit Badge

The badge mounted in the center of the crown is edge lit by multiple RGB LEDs. The LED color can be adjusted using the dip switch settings below. Each color can be turned on low, medium, medium high or high to set the Badge light color brightness. It is also possible to turn on multiple colors causing them to mix making other colors. NOTE: turning on Red, Green, and Blue will make the color White.





Cabinet Accessories

Hardware - Convenient packages of 10-32 rack screws with captive washers.

RSCW100	HDWR 10-32 X ³ / ₄ " 100/BAG PHIL SCR/CAP WSH BLK
RSCW500	HDWR 10-32 X ³ / ₄ " 500/BOX PHIL SCR/CAP WSH BLK
HK-40	HDWR 10-32 X 1" 40 PHIL SCR/WSH CHR

Shelf Systems - Useful whenever equipment does not include provisions for rack-mounting. Heavier equipment may require Rear Rack Rails (listed above) and Shelf Rear Support Brackets. Equipment may be held in place using Equipment Clamping Kit.

Shelf (10" Deep) - Cannot use Rear Support Bracket or Clamping Kit			
SH1-10	SHF VNT 1RU 10D #052		
Shelf (15" Deep)			
SH2-15	SHF VNT 2RU 15.5D #052		
SH3-15	SHF VNT 3RU 15.5D #052		
SH4-15	SHF VNT 4RU 15.5D #052		
Shelf (22" Deep)			
SH2-22	SHF VNT 2RU 22D #052		
SH3-22	SHF VNT 3RU 22D #052		
SH4-22	SHF VNT 4RU 22D #052		
Shelf Rear Support Brackets			
SHRSB2	SHF BRKT RR SPT 2RU SH15/SH22 #052		
SHRSB3	SHF BRKT RR SPT 3RU SH15/SH22 #052		
SHRSB4	SHF BRKT RR SPT 4RU SH15/SH22 #052		
Shelf Rear Support Brackets			
SHCK	SHF CLP KIT SH15/SH22 SER #052		
Front & Rear Rail Sliding Shelf / Tray			
VTD1-16	SLIDING SHELF/TRAY 1RU W/16"		

Pull-Out Drawers - May be used to provide storage to a rack.

Recessed 14" Deep - Can also use Shelf Rear Support Bracket			
SD2-14	STORAGE DRAWER - RECESSED 2RU W/ 14" #052		
SD3-14	STORAGE DRAWER - RECESSED 3RU W/ 14" #052		
SD4-14	STORAGE DRAWER - RECESSED 4RU W/ 14" #052		
SD6-14	STORAGE DRAWER - RECESSED 6RU W/ 14" #052		
Lock Kit for Recessed 14" Deep Drawer			
SD-LOCK	LCK SD DRWR BLK W/B399A KEY		
Shelf Rear Support Brackets			
SHRSB2	SHF BRKT RR SPT 2RU SH15/SH22 #052		
SHRSB3	SHF BRKT RR SPT 3RU SH15/SH22 #052		
SHRSB4	SHF BRKT RR SPT 4RU SH15/SH22 #052		
Rack Mount Pencil Drawer and Writing Surface			
PCD3-16-052	RACK MOUNT PENCIL DRAWER		





Cabinet Accessories

Filler Panels - Fills in spaces left in the rail system due to wiring access, cooling, aesthetics, etc.

SPR1 19 BLANK 1 RU RECESSED RACK PANEL #052 SPR2 19 BLANK 2 RU RECESSED RACK PANEL #052 SPR3 19 BLANK 3 RU RECESSED RACK PANEL #052 SPR4 19 BLANK 3 RU RECESSED RACK PANEL #052 SPR6 19 BLANK 6 RU RECESSED RACK PANEL #052 SPR6 19 BLANK 6 RU RECESSED RACK PANEL #052 SPR7 19 BLANK 6 RU RECESSED RACK PANEL #052 SPR7 19 BLANK 6 RU RECESSED RACK PANEL #052 SPR8 19 BLANK 7 RU RECESSED RACK PANEL #052 SPR8 19 BLANK 8 RU RECESSED RACK PANEL #052 STORT HER PROPOSED WAS AND RECESSED VER PROPOSED WAS AND RECESSED WAS AND RECESSED VER PROPOSED WAS AND RECESSED VER PROPOSED WAS AND RECESSED WAS AND RECESSED WAS AND REC		
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SPR7 19' BLANK 7 RU RECESSED RACK PANEL #052 Strengthened Recessed Perforated Vent Panels FPR1 19' 1 RU RECESSED VENT RACK PANEL #052 PPR2 19' 2 RU RECESSED VENT RACK PANEL #052 PPR3 19' 3 RU RECESSED VENT RACK PANEL #052 PPR4 19' 4 RU RECESSED VENT RACK PANEL #052 PPR6 19' 6 RU RECESSED VENT RACK PANEL #052 PPR7 19' 7 RU RECESSED VENT RACK PANEL #052 PPR7 19' 7 RU RECESSED VENT RACK PANEL #052 PPR7 19' 7 RU RECESSED VENT RACK PANEL #052 PPR6 19' 6 RU RECESSED VENT RACK PANEL #052 ECONOMY SOLID Panels 19' ECONOMY BLANK PANEL 1RU #052 CB1 19' ECONOMY BLANK PANEL 2RU #052 CB2 19' ECONOMY BLANK PANEL 3RU #052 CB3 19' ECONOMY BLANK PANEL 3RU #052 CB4 19' ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels SPP2 19' BLANK 2 RU FLUSH VENT PANEL #052 SPP2 19' BLANK 2 RU FLUSH RACK PANEL #052 SEC1 19' RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19' RACK MOUNT SECURITY PANEL 1RU #962	SPR5	19" BLANK 5 RU RECESSED RACK PANEL #052
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PPR6 19° 5 RU RECESSED VENT RACK PANEL #052 PPR6 19° 6 RU RECESSED VENT RACK PANEL #052 PPR7 19° 7 RU RECESSED VENT RACK PANEL #052 Economy Solid Panels CB1 19° ECONOMY BLANK PANEL 1RU #052 CB2 19° ECONOMY BLANK PANEL 2RU #052 CB3 19° ECONOMY BLANK PANEL 3RU #052 CB4 19° ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19° BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19° BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19° RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19° RACK MOUNT SECURITY PANEL 2RU #962	PPR3	19" 3 RU RECESSED VENT RACK PANEL #052
PPR6 19" 6 RU RECESSED VENT RACK PANEL #052 PPR7 19" 7 RU RECESSED VENT RACK PANEL #052 Economy Solid Panels CB1 CB2 19" ECONOMY BLANK PANEL 1RU #052 CB3 19" ECONOMY BLANK PANEL 3RU #052 CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	PPR4	19" 4 RU RECESSED VENT RACK PANEL #052
PPR7 19" 7 RU RECESSED VENT RACK PANEL #052 Economy Solid Panels CB1 19" ECONOMY BLANK PANEL 1RU #052 CB2 19" ECONOMY BLANK PANEL 2RU #052 CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	PPR5	19" 5 RU RECESSED VENT RACK PANEL #052
Economy Solid Panels CB1 19° ECONOMY BLANK PANEL 1RU #052 CB2 19° ECONOMY BLANK PANEL 2RU #052 CB3 19° ECONOMY BLANK PANEL 3RU #052 CB4 19° ECONOMY BLANK PANEL 3RU #052 CB4 19° ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19° BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19° BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19° RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19° RACK MOUNT SECURITY PANEL 2RU #962	PPR6	19" 6 RU RECESSED VENT RACK PANEL #052
CB1 19" ECONOMY BLANK PANEL 1RU #052 CB2 19" ECONOMY BLANK PANEL 2RU #052 CB3 19" ECONOMY BLANK PANEL 3RU #052 CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	PPR7	19" 7 RU RECESSED VENT RACK PANEL #052
CB2 19" ECONOMY BLANK PANEL 2RU #052 CB3 19" ECONOMY BLANK PANEL 3RU #052 CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	Economy Solid Panels	
CB3 19" ECONOMY BLANK PANEL 3RU #052 CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	CB1	19" ECONOMY BLANK PANEL 1RU #052
CB4 19" ECONOMY BLANK PANEL 4RU #052 Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	CB2	19" ECONOMY BLANK PANEL 2RU #052
Strengthened Flush Perforated Vent Panels PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	CB3	19" ECONOMY BLANK PANEL 3RU #052
PPF2 19" BLANK 2 RU FLUSH VENT PANEL #052 Strengthened Flush Solid Panels SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	CB4	19" ECONOMY BLANK PANEL 4RU #052
Strengthened Flush Solid Panels SPF2 19' BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19' RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19' RACK MOUNT SECURITY PANEL 2RU #962	Strengthened Flush Perforated Vent Panels	
SPF2 19" BLANK 2 RU FLUSH RACK PANEL #052 Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	PPF2	19" BLANK 2 RU FLUSH VENT PANEL #052
Security Panels SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	Strengthened Flush Solid Panels	
SEC1 19" RACK MOUNT SECURITY PANEL 1RU #962 SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	SPF2	19" BLANK 2 RU FLUSH RACK PANEL #052
SEC2 19" RACK MOUNT SECURITY PANEL 2RU #962	Security Panels	
	SEC1	19" RACK MOUNT SECURITY PANEL 1RU #962
SEC3 19" RACK MOUNT SECURITY PANEL 3RU #962	SEC2	19" RACK MOUNT SECURITY PANEL 2RU #962
	SEC3	19" RACK MOUNT SECURITY PANEL 3RU #962





Features

- · Fully welded construction provides the following weight capacities: UL Listed load capacity: 2,500 lbs.
- 1/4", 5/16", 7/16", 1/2", 9/16", 11/16", 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2", and 2-5/16" electrical and antenna knockouts on rear and top, easily removable for cable pass-through.
- Multiple depths.
- Two pairs of 11-gauge, 10-32 threaded rack rails with numbered rack space increments.
- Optional front doors in solid, vented and plexiglass styles.
- Configurable open top with vertical cable management entry points.
- Durable black textured powder coat finish.
- DINlok™ System Technology
- UL Listed in the US and Canada

Texas Tough Racks come equipped with two pairs of fully adjustable steel rack rails with tapped 10-32 mounting holes in universal EIA spacing, black finish, and numbered rack spaces. Racks shall include locking and latching rear door and a configurable open top with vertical cable management entry points. Racks shall have 1/4-20 nutsert and ganging holes and be capable of ganging while fully loaded, using bolts only. Texas Tough Racks shall be of fully welded construction and finished in an environmentally friendly, durable black powder coat. Fully welded construction shall provide a static capacity of 10,000 lbs. and a UL Listed load capacity of 2,500 lbs. Texas Tough Rack shall be UL Listed in the US and Canada. Texas Tough Rack enclosure shall meet the RoHS EU Directive 2011/65/EU. Texas Tough Rack shall be manufactured by an ISO 9001 and ISO 14001 registered company. Texas Tough Rack enclosure shall be warrantied to be free from defects in material or workmanship under normal use and conditions for 5 years from the date of purchase of the rack.

Part#	Rackspaces	Overall Height	Racking Height	Overall Depth	Usable Depth
TT20-25P,S,V	20	42.86	35.25	27.68	22.7
TT20-30P,S,V	20	42.86	35.25	32.68	27.7
TT25-25P,S,V	25	51.61	43.81	27.68	22.7
TT25-30P,S,V	25	51.61	43.81	32.68	27.7
TT30-25P,S,V	30	60.36	52.56	27.68	22.7
TT30-30PS,V	30	60.36	52.56	32.68	27.7
TT35-25P,S,V	35	69.09	61.31	27.68	22.7
TT35-30P,S,V	35	69.09	61.31	32.68	27.7
TT35-35P,S,V	35	69.09	61.31	37.68	32.7
TT40-25P,S,V	40	77.84	70.06	27.68	22.7
TT40-30P,S,V	40	77.84	70.06	32.68	27.7
TT40-35P,S,V	40	77.84	70.06	37.68	32.7
TT45-25P,S,V	45	86.59	78.81	27.68	22.7
TT45-30P,S,V	45	86.59	78.81	32.68	27.7
TT45-35P,S,V	45	86.59	78.81	37.68	32.7





Limited Warranty

All products manufactured by AtlasIED are warranted to the original dealer/installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of five years on all AtlasIED products, including SOUNDOLIER brand, and ATLAS SOUND brand products except as follows: one year on electronics and control systems; one year on replacement parts; and one year on Musician Series stands and related accessories. Additionally, fuses and lamps carry no warranty. AtlasIED will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workman like manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to AtlasIED do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any nonwarranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ATLASIED SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

AtlasIED does not assume, or does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Service

Should your Texas Tough Series Rack require service, please contact the AtlasIED warranty department at 1-877-689-8055, ext. 277 or www.atlasied.com/support to obtain an RA number.

AtlasIED Tech Support can be reached at 1-800-876-3333 or www.atlasied.com/support.

Visit our website at www.AtlasIED.com to see other AtlasIED products.

