

PRO AUDIO ABS & PE RACK CASES

HEAVY-DUTY MOLDED PROTECTION FOR LIVE SOUND, STUDIO & MOBILE RIGS

HIGH-DENSITY PE & ABS
Impact Resistant Shell

DUAL 19" RACK RAILS
Front & Rear Threaded

ZIPPERED MESH LIDS
Internal Cable Storage

STACKING RIB DESIGN
Non-Slip Molded Ribs



2U Shallow Rack Case



3U Vertical Pro Case



4U Shallow with Mesh Lid

Gear-X ABS and Polyethylene (PE) Rack Cases are precision-engineered enclosures built specifically for the rigorous demands of live sound touring, audio engineering, mobile DJing, and broadcast installations. Featuring ultra-rugged molded outer shells, anti-corrosive heavy-duty aluminum valances, zinc-plated twist butterfly latches, and dual front/rear 19-inch threaded rack rails.

Available in **200mm Shallow Depth**, **300mm Standard Depth**, **400mm Deep Heavy-Duty Series**, and mobile **Trolley/Caddy configurations** with integrated inline wheels and pull-out handles.



Deep 400mm Rack Front & Rear Rails



Stagg Branded Textured Shell

ENGINEERING & ANATOMY OF PROTECTION

Industrial features engineered for tour endurance

Molded Polyethylene / ABS Shell
High-impact molded PE/ABS outer construction designed to absorb shock and protect delicate electronics during road transport.

Zippered Mesh Lid Compartments
Both front and rear removable lids feature heavy-duty internal mesh pockets with zippers for storing cables, mics, and accessories.

Dual 19" Threaded Rack Rails
Heavy-gauge front and rear aluminum rack rails providing stable standard 19-inch equipment mounting.

Interlocking Stacking Ribs
Precision male/female molded top and bottom rib patterns enable secure non-slip multi-case stacking in venue trucks and warehouses.

CORE HARDWARE & CONSTRUCTION DETAIL



Dual Zippered Mesh Lid Pockets



Butterfly Twist Latches & Handles



Interlocking Stacking Ribs

Hardware Specifications & Build Integrity:

- **Heavy-Duty Aluminum Valances:** Interlocking tongue-and-groove aluminum edge sealing protects against dust, moisture, and impact.
- **Recessed Butterfly Latches:** Zinc-plated twist butterfly latches lock securely to prevent accidental opening during transport.
- **Spring-Loaded Side Handles:** Heavy-duty side handles with rubber grip padding offer comfortable two-person lifting.
- **Rubber Isolator Feet:** Heavy rubber feet mounted on base and side panels provide firm standing on slippery stage surfaces.

Standard Branding Options: Each case includes factory standard aluminum logo plates (5.2cm x 3.2cm) or Staggs high-visibility molded badges. OEM logo customization is supported for volume orders.

200MM SHALLOW & 300MM STANDARD DEPTH RACK CASES

Compact solutions for wireless, FX, & studio outboard gear

200MM SHALLOW DEPTH SERIES (2U, 3U, 4U)

Specially engineered for shallow equipment such as wireless microphone receivers, signal processors, patch panels, and compact mixers. The 200mm depth reduces weight and bulk while maintaining full tour-grade structural protection.



Model	Rack Units (U)	Rack Depth	Key Features & Applications
ABS-200-2U	2U	200 mm	Wireless mic systems, IEM transmitters, EQ units
ABS-200-3U	3U	200 mm	Multi-receiver wireless, signal processors, power distributors
ABS-200-4U	4U	200 mm	Complete shallow rack rigs, patch panels & compact mixers

300MM STANDARD DEPTH SERIES (3U, 4U, 6U, 8U)

Designed for medium-depth outboard equipment including studio compressors, graphic equalizers, crossovers, and compact power amplifiers. Includes full front and rear removable lids with dual zipper pockets.



Model	Rack Units (U)	Rack Depth	Key Applications
ABS-300-3U	3U	300 mm	Studio rack modules, crossovers, playback units
ABS-300-4U	4U	300 mm	Outboard FX racks, medium power amps, power conditioners
ABS-300-6U	6U	300 mm	Multi-channel wireless systems, digital mixers, power amps
ABS-300-8U	8U	300 mm	Large studio racks & master processing enclosures

DEEP HEAVY-DUTY & TROLLEY CADDY SERIES

Full 400mm depth chassis & mobile touring caddy enclosures

400MM DEEP HEAVY-DUTY PE SERIES (FL-PE 2U TO 12U)

Built for high-power amplifiers, heavy digital snakes, and deep server-style rack equipment. The 400mm depth chassis (`FL-PE` Series) features ultra-thick Polyethylene walls and heavy-duty spring handles capable of supporting heavy gear loads.



FL-PE Deep 400mm Internal Rail Depth



Heavy-Duty Side Handle & Latches

TROLLEY CADDY SERIES WITH DRAWERS (PE-W SERIES)

Designed for total mobile portability, the **PE-W Caddy Series** integrates smooth-rolling inline wheels, a pull-out telescopic trolley handle, and optional internal rack drawer systems. Available in both 300mm and 400mm depths across 3U to 12U capacities.



PE-W Caddy Stack & Trolley Handle



Bottom Ribs & Inline Wheels Detail

PE-W Caddy Series Highlights:

- **Telescopic Retractable Handle:** Smooth multi-stage push-button handle for effortless single-person rolling transport.
- **Heavy-Duty Inline Wheels:** Recessed polyurethane roller wheels provide smooth glides across rough pavement and stage loading ramps.
- **Integrated Storage Drawer Option:** `PE-W` drawer configurations offer secure lockable storage for micro-cables, tools, and wireless accessories.

TECHNICAL SPECIFICATIONS & MODEL MATRIX

Complete dimensional data, packaging, & weight table

1. 400MM DEPTH HEAVY-DUTY PE RACK CASES (FL-PE SERIES)

Model	Description	Pcs/Ctn	Packing Size (CM)	G.W. (KG)	N.W. (KG)
FL-PE-2U	2-Units/19" Rack PE Case	1 PCS	57.5 x 16.0 x 56.5	5.14 kg	4.00 kg
FL-PE-3U	3-Units/19" Rack PE Case	1 PCS	57.5 x 21.0 x 56.5	5.78 kg	4.70 kg
FL-PE-4U	4-Units/19" Rack PE Case	1 PCS	57.5 x 26.5 x 56.5	6.36 kg	5.10 kg
FL-PE-6U	6-Units/19" Rack PE Case	1 PCS	57.5 x 35.5 x 56.5	7.48 kg	5.30 kg
FL-PE-8U	8-Units/19" Rack PE Case	1 PCS	57.5 x 42.5 x 56.5	8.26 kg	5.60 kg
FL-PE-10U	10-Units/19" Rack PE Case	1 PCS	57.5 x 52.5 x 56.5	9.68 kg	7.20 kg
FL-PE-12U	12-Units/19" Rack PE Case	1 PCS	57.5 x 60.0 x 56.5	10.54 kg	8.20 kg

2. TROLLEY CADDY SERIES WITH DRAWERS (PE-W SERIES)

Model	Description & Depth	Pcs/Ctn	Packing Size (CM)	G.W. (KG)	N.W. (KG)
PE-3U/W-300	3U/19" Rack PE Caddy (300mm Depth)	1 PCS	54.0 x 24.0 x 48.0	5.63 kg	4.55 kg
PE-4U/W-300	4U/19" Rack PE Caddy (300mm Depth)	1 PCS	54.0 x 28.0 x 48.0	6.90 kg	5.85 kg
PE-6U/W-300	6U/19" Rack PE Caddy (300mm Depth)	1 PCS	54.0 x 37.0 x 48.0	7.20 kg	6.00 kg
PE-8U/W-300	8U/19" Rack PE Caddy (300mm Depth)	1 PCS	54.0 x 45.5 x 48.0	8.20 kg	6.50 kg
PE-3U/W	3U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 23.0 x 56.5	5.78 kg	4.70 kg
PE-4U/W	4U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 28.5 x 56.5	7.20 kg	6.10 kg
PE-6U/W	6U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 37.5 x 56.5	7.80 kg	6.30 kg
PE-8U/W	8U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 44.5 x 56.5	8.50 kg	6.60 kg
PE-10U/W	10U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 54.5 x 56.5	10.00 kg	7.50 kg
PE-12U/W	12U/19" Rack PE Caddy (400mm Depth)	1 PCS	57.5 x 62.0 x 56.5	10.54 kg	8.20 kg

COMMERCIAL TERMS & ORDERING INFORMATION

- **Factory Standard Logo Plate:** Includes standard 5.2cm x 3.2cm aluminum badge.
- **Minimum Order Quantity (MOQ):** 50 pcs per model.
- **Quotation Validity:** Standard pricing valid through 2026.