

GrayBox Enclosures

COMPARISON GUIDE



Applications

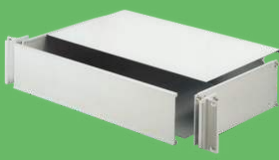
GrayBox A-, B-, and P-Style enclosures are engineered for professional electronic instrumentation, whether installed in rack systems or used as free-standing units. They are well suited for:

- Laboratory and industrial instrumentation
- Audio/visual control systems
- Communication and networking equipment
- OEM electronic assemblies
- Prototyping and low-volume production enclosures

Advantages

GrayBox enclosures are engineered for professional-grade electronic systems, offering rugged construction and adaptable configurations. Their design supports both rack-mounted and free-standing applications while maintaining a unified accessory ecosystem across styles.

- Multiple styles with flexible sizes and configurations for a range of installation requirements
- Durable aluminum construction with optional steel or polymer elements for added strength and protection.
- Modular front panel and cover designs with optional ventilation for customization and thermal management
- Shared accessory system and 19-inch rack compatibility for simplified integration and deployment

Feature	A-Style 	B-Style 	P-Style 
Sizes (L x W x H)	Full rack widths only: 1U, 2U heights; 6" to 22" depths	Full, Half, or Quarter rack widths: 1U, 2U, 3U heights; 6" to 22" depths	Full, Half, or Quarter rack widths: 1U, 2U, 3U heights; 6" to 16" depths
	Nonstandard sizes can be made to order upon request.		
Material	Aluminum front/rear panels; aluminum side panels; aluminum, vinyl-clad aluminum, or vinyl-clad steel covers.		
Color Options	Platinum (fine texture) or Black (fine texture)	Platinum (fine texture) or Black (fine texture)	Platinum (fine texture) or Black (fine texture)
Finish	Clear anodize, black anodize, or clear iridite. Other colors & finishes available for special order.		
Panel / Cover Types	Three front panel types (flat, grooved, flanged); standard speednuts or optional captive nuts	4-hole or optional 6-hole covers; standard speednuts or optional captive nuts	Slide-in or captured top covers
Side Options	Standard or vented	Standard, vented, or ribbed (B2 only)	Standard or vented
IP Rating	Not rated for water ingress; designed for electronics protection	Not rated for water ingress; designed for electronics protection	Not rated for water ingress; designed for electronics protection
Mounting Options	Rack-mounted only	Rack-mounted or free-standing	Rack-mounted or free-standing
Accessories	A-Style rack panels (3 panel types)	Rack mounting kits, rack adapter kits, coupling screws, non-skid feet	Rack mounting kits, rack adapter kits, coupling screws, non-skid feet

Key Features and Considerations

A-Style

- Designed exclusively for rack-mounted applications.
- Offers three distinct front panel designs for aesthetic or functional needs.
- Allows choice of fasteners and side ventilation.

B-Style

- Most versatile in size range, covering multiple rack widths and heights.
- Screw-on covers with choice of 4-hole or 6-hole pattern.
- Optional ribbed sides for B2 models to enhance rigidity and thermal dissipation.

P-Style

- Recessed slide-in top cover design for quick access to internals.
- Works in rack-mounted or free-standing setups.
- Lighter, streamlined build suitable for compact systems.

Universal Accessories and Add-ons

- **Rack Mounting Kits:** With or without handles.
- **Rack Adapter Kits:** Convert half- or quarter-rack enclosures to full rack width.
- **Coupling Screws:** Join two enclosures side-by-side.
- **Non-Skid Feet:** Adhesive-backed, available in two heights.



Ordering and Technical Support

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