

NX-PBF2118

Folding Boom Parking Barrier Gate (4.5m)

Space-saving folding arm for height-restricted entrances
 — anti-collision crank-rocker mechanism, left / right mounting



The Nexakey NX-PBF2118 is a folding boom parking barrier featuring a 4.5-meter arm that folds at 90° when open — ideal for height-restricted parking structures, basement entrances, and covered driveways where a standard straight boom would obstruct overhead clearance. Built with a crank-rocker transmission mechanism for compact structure and high rigidity, it includes anti-collision auto-reverse, LED multi-color status indicators, and automatic delayed drop for safe, smooth vehicle access control. With 1.5mm heavy-duty housing, 150W power, and -30°C to +70°C operating range, the NX-PBF2118 combines clever engineering with reliable long-term performance.

KEY FEATURES

- ✓ **90° Folding Boom Arm** — arm folds upward when open — clears low ceilings in basement garages and covered parking structures
- ✓ **4.5m Coverage** — standard 4.5-meter folding arm handles most single-lane vehicle entrance widths
- ✓ **Anti-Collision Auto-Reverse** — barrier instantly reverses upon detecting an obstacle — protects vehicles and boom arm from damage
- ✓ **Crank-Rocker Transmission** — compact mechanism reduces component count by 20% — higher rigidity, fewer failures, easier maintenance
- ✓ **LED Multi-Color Status Indicators** — real-time visual indicators show open, closed, and fault states clearly to drivers and operators
- ✓ **Left / Right Side Mounting** — adjustable installation suits entry and exit lanes on either side of the road

APPLICATIONS

- Commercial & Corporate Parking Lots
- Factory & Warehouse Vehicle Gates
- Shopping Malls & Supermarkets
- Residential Societies & Compounds
- Hospitals & Educational Institutions
- Government Buildings & Checkpoints

TECHNICAL SPECIFICATIONS

Model	NX-PBF2118	Type	Folding Boom Parking Barrier
Boom Length	4.5 meters (Folding at 90°)	Boom Style	Folding Arm (Height-Clearance Design)
Transmission	Crank-Rocker Mechanism	Anti-Collision	Auto-Reverse on Impact
Housing Thickness	1.5 mm Steel	Power Supply	AC 220V ± 10%, 50~60Hz
Power Consumption	150W	Operating Temperature	-30°C ~ +70°C
Status Indicator	LED Multi-Color Display	Mounting	Left or Right Side (Adjustable)
Auto Delayed Drop	Yes — Safety Delay After Passage	Reader Compatibility	RFID, Biometric, Remote Control
Certifications	CE, RoHS	Warranty	24 Months

CERTIFICATIONS



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