



**BEST**   
dormakaba Group



## SHELTER 9KX Cylindrical Lockset by BEST

# The BEST 9KX is one of the industry's leading cylindrical lockdown solutions.

This updated version—the 9KX—is a patent-pending BHMA Grade 1 lock that functions on a 900 MHz secure wireless network, allowing users to quickly lock doors via a fob. After receiving a lockdown command from the system, the 9KX transitions from standard classroom function to storeroom function. This feature now ensures your hallway lever is secure, only allowing users to retract the latch and enter if they have a key. The 9KX is also equipped with visual and audio alarms to alert users that it is in lockdown mode.

## A smart solution for safety.

The 9KX and the SHELTER™ lockdown system gives administrators a quick course of action to lockdown buildings, campuses, or zones with the click of a button. Because nothing saves lives like a swift response—or a locked door.

- **Increased security:** Door locks quickly and securely using a fob without needing to access the front of the device.
- **Durability:** 9K base chassis tested to over 4 million cycles, which exceeds the ANSI standard for Grade 1 cylindrical locks and exceeds Grade 1 abusive locked lever torque.
- **Easy Installation:** Pre-assembled hub design greatly reduces the complexity and time required for installation.



Choose the SHELTER 9KX lock for a smart,  
fast lockdown solution that you can trust in any situation.

**BEST SHELTER™ helps you create safe spaces within your facility quickly and safely.**

This wireless responsive lockdown solution can be fully configured to adapt to your building(s) and security protocol. With SHELTER, you can be confident your building is ready to respond in any situation. Integrating with first response systems and electronic access control systems, SHELTER is built to be an essential part of any building security system.

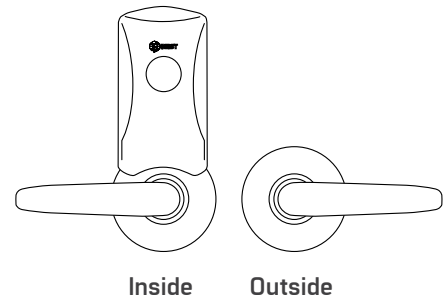
SHELTER 9KX Cylindrical Lockset Specifications	
<b>MECHANICAL</b>	
<b>Code Compliance</b>	UL10C-3 Hour; ANSI/BHMA A156.2 Grade 1, ANSI/BHMA A156.25 and ANSI/BHMA A156.5; NFPA101 Life Safety Code and IBC Compliant; FCC Part 15, B; and UL1034 Listed
<b>Functions</b>	<b>Classroom:</b> In standard mode, lock and unlock with the key on outside <b>Storeroom:</b> In lockdown mode, the key retracts latch, outside lever always locked
<b>Finishes</b>	605 bright brass; 606 satin brass; 611 bright bronze; 612 satin bronze; 613 oxidized satin bronze, oil rubbed; 618 bright nickel plated; 619 satin nickel plated; 622 flat black (interior cover, black only); 625 bright chromium plated; 626 satin chromium plated; 626AM; 690 dark bronze
<b>Backset</b>	2 3/4" standard, 3 3/4" and 5"
<b>Chassis</b>	Critical latch and chassis components are brass or corrosion-treated steel; 2 1/16" diameter to fit 2 1/8" hole in door (conforms to ANSI A115.2); Lost motion feature available as an option
<b>Latch</b>	Solid brass 9/16" throw; Front 2 1/4" x 1 1/8" beveled
<b>Lever Handles</b>	Lever handles are a high-quality zinc alloy; Trim components are brass or bronze; Body is approximately 1 5/8" in diameter; Handle is approximately 4 3/4" long (from centerline of chassis); #14 and #15 levers conform to California Administrative Code Title 19 and Title 24; All three styles of levers conform to the Illinois Accessibility Standard
<b>Non-IC Lever Functions Available</b>	<b>Fail secure:</b> Drives to storeroom state <b>Fault detection:</b> Detects motor failures or excessive power consumption
<b>ELECTRONIC</b>	
<b>Batteries / Warnings</b>	4 AA batteries (included); Up to 3-year battery life Low-battery warning at lock; Battery level reporting available in software
<b>Functions</b>	<b>Classroom:</b> In standard mode, lock and unlock with the key on outside <b>Storeroom:</b> In lockdown mode, the key retracts latch, outside lever always locked
<b>Wireless Communication</b>	900 MHz; Range of 400 ft. indoors; 1,200 ft. line of sight (typical)*
<b>Visual Indicators</b>	<b>Red</b> = Lockdown; <b>Green</b> = Clear / restored to normal; <b>Blue</b> = Wireless comm. indicator; <b>Yellow</b> = Delay; <b>Others</b> = Error / Fault / TBD
<b>Audible Alarm</b>	On-board sounder with software-configurable on / off Tamper detection—alarm when enclosure is removed
<b>INSTALLATION</b>	
<b>Mounting / Door Thickness</b>	Fits standard 161 door prep (ANSI A115.2) for 1 3/4" doors; Enclosure attaches with two security Torx screws; Electrical connections automatically made when enclosure is installed onto bracket (no pinched wires or missed connections); Two additional holes (5/16" diameter) are needed for through-bolts located at 12 o'clock and 6 o'clock positions; For retrofit applications, kits are available to accommodate 2-3/4" (ATB option) and 2-5/8" (ATB2 option) through-bolt spacing
<b>Projection on Door</b>	Approximately 2 3/4" when mounted on 1 3/4" door
<b>Rose</b>	D—3 1/2" Convex; L—3 1/2" Convex (no ring)
<b>Strike</b>	<b>STK:</b> Conforms to ANSI/BHMA A156.115 (2 3/4" x 1 1/8" with curved lip & box) <b>S3:</b> Conforms to ANSI/BHMA A156.115 for 1 3/4" doors (4 7/8" x 1 1/4" with curved lip) <b>S3-7/8:</b> Conforms to ANSI/BHMA A156.115 for 1 3/4" doors (4 7/8" x 1 7/8" flat)

\*Wireless range will vary based on application, operating environment, building materials and other external factors.

**Features**

**SHELTER 9KX**

- **Vandal Resistant Lever:** Lost motion design allows lever to move 55°-60° without engaging retractor assembly.
- **Quick Rekeying:** Interchangeable core ensures quick, easy rekeying and masterkey compatibility.
- **Compatible with other key systems:** The 9KX is compatible with non-interchangeable cores. For interchangeable cores, the 9KX is compatible with Schlage, Sargent, Corbin Russwin and Yale.
- **Lever Sag-Resistant:** Strong retractor springs resist sagging.
- **Visual Lockdown Indicator:** Interior light shows lockdown status.
- **Attack-Resistant Design:** Slotted key release cam and locking lug assembly allow key access even if lock is damaged, and ensure lever is functional from the inside of the door.



Our site survey tools may provide an initial recommendation on products needed, however it is recommended that you work with a thirdparty integrator to understand final system requirements and capabilities in order to ensure proper performance of your system.

BA-0220

For questions about ordering and to be sure you get the right configuration for your needs, [contact your BEST dormakaba sales representative.](#)  
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