

## SHELTER 45HX Mortise Lockset by BEST

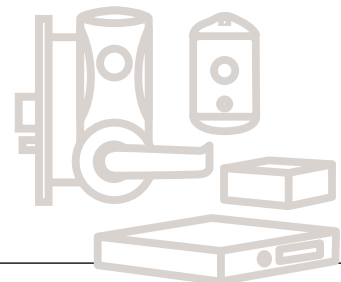


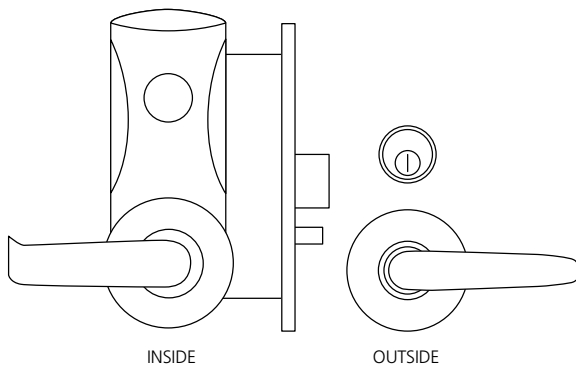
### **The BEST 45HX is one of the industry's leading mortise lockdown solutions.**

This patent-pending BHMA Grade 1 lock functions on a 900 MHz secure wireless network, allowing users to quickly lock doors by pressing a button on a fob. After receiving a lockdown command from the SHELTER™ system, the 45HX transitions from standard classroom function to storeroom function. This ensures that the hallway lever is secure, only allowing users to retract the latch and enter if they have a key. The 45HX is also equipped with visual and audible alarms to alert users that it is in lockdown mode.

#### **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 45HX Mortise Lockset Specifications

MECHANICAL	
<b>Code Compliance</b>	UL10C-3 Hour; ANSI/BHMA A156.13 Grade 1 and ANSI/BHMA A156.5; NFPA101 Life Safety Code and IBC Compliant; FCC Part 15B and C
<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>Case</b>	0.095" cold-rolled steel, zinc dichromate plated for corrosion protection; 5 7/8" x 7/8" x 4 1/16"
<b>Finishes</b>	605 bright brass; 606 satin brass; 611 bright bronze; 612 satin bronze; 613 oxidized satin bronze, oil rubbed; 618 bright nickel; 619 satin nickel plated; 622 flat black (interior cover, black only); 625 bright chromium plated; 626 satin chromium plated; 626 AM; 630 satin stainless steel; 630AM; 690 dark bronze
<b>Auxiliary Bolt</b>	Stainless steel; nonhanded
<b>Latch</b>	Solid stainless steel 3/4" throw; oil-impregnated to counter friction; reversible without opening case
<b>Faceplate</b>	Stainless steel, brass or bronze; 8" x 1 1/4" x 1/16"; automatically adjusts to proper bevel during installation
<b>Backset</b>	2 3/4" standard
ELECTRONIC	
<b>Batteries/Warnings</b>	4 AA batteries (included); *Up to 2-year battery life; Low battery warning at lock; Battery level reporting available in software
<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>Others</b> = Error / Fault / TBD
<b>Audible Alarm</b>	On-board sounder with software-configurable on / off Tamper detection—alarm when enclosure is removed
INSTALLATION	
<b>Door Prep</b>	ANSI Type 86 cutout
<b>Door Thickness</b>	1 3/4" standard; up to 5" available
<b>Projection on Door</b>	Approximately 2 3/4" when mounted on 1 3/4" door
<b>Trim &amp; Rose Options</b>	<b>Outside Trim Options:</b> D - 3 1/2" convex; J - Wrought; H - 2 3/4"; R - 2 3/4"; S - 3 1/2" <b>Inside Trim:</b> D - 3 1/2"
<b>Strike</b>	S1 Standard: 4 7/8" x 1 1/4" x 3/32" nonhanded, curved lip S5 Latchbolt-only: 4 7/8" x 1 1/4" x 3/32" handed, curved lip

\* Battery life will vary based on application and usage. It is suggested to replace batteries annually.

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

### Features

#### SHELTER 45HX

- **Increased Security:** Door locks quickly and securely using a fob without needing to access the front of the device.
- **Free Egress:** Unlike barricade devices, SHELTER 45HX provides code-compliant egress even during a lockdown.
- **Superior Strength:** We designed the 45HX with a solid, one-piece stainless steel latch, providing 50% more surface contact with the strike to make the lock stronger and more secure.
- **Visual Lockdown Indicator:** Interior light shows lockdown status.
- **Enhanced Durability:** The precision-engineered curve on the latch enhances cycle life while reducing wear to the strike.
- **Easy Installation:** The reversible latch rotates 180 degrees, making it easy to change handing without opening the 45HX, and self-aligning trim makes installation fast, easy and accurate.
- **Reliable Performance:** With a roller bearing hub mechanism, the 45HX delivers smooth, wear-resistant operation.
- **Premium Materials:** The 45HX, cover and armored front are manufactured from 0.095" cold rolled steel with a corrosion-resistant coating, providing long-lasting strength.
- **Simple to Use:** With features including a bidirectional lever for ADA-friendly operation, 45HX locks are easy to use.
- **Quick Rekeying:** Interchangeable core ensures quick, easy rekeying and master key compatibility.