

CLK-YL-NTB620-CR2

Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology

- > Commercial-grade lever lock with backlit touchscreen keypad
- > ANSI/BHMA Grade 1 certified to assure strength and durability for everyday use
- > Integrated infiNET EX® wireless communications
- > Remote access control, monitoring, and custom functionality through integration with a Crestron® control system^[2]
- > Crestron Pyng® system compatible
- > Voice assisted setup and configuration in English, French, or Spanish
- > Supports up to 500 unique user PIN codes with varying access rights
- > Privacy Mode – Prohibits all entry from the outside with the press of an interior button
- > Passage Mode – Allows door to be left unlocked when appropriate
- > Lockout Mode – Disables all PIN codes except for the Master PIN
- > Alarms and alert notifications for unauthorized usage or tampering^[2]
- > Activity log of user access history and other events^[2]
- > Operates on four AA alkaline batteries (included)
- > Low battery indication and 9V battery power backup
- > Solid metal levers and escutcheons
- > Weather resistant gasket seal
- > Available in four attractive finishes

The Yale® nexTouch™ Lock offers an ANSI/BHMA Grade 1 certified access control solution for commercial applications. Featuring infiNET EX® wireless communications, nexTouch integrates with a Crestron® control system to enable secure remote monitoring and entry management.

The CLK-YL-NTB620-CR2 lever lock features a capacitive touchscreen keypad and comes as a complete lockset with a standard cylindrical lock and lever pair. It is designed for installation on a standard 1-3/4 inch (44 mm) thick steel or wood door, and conforms to modified ANSI/BHMA A156.115 and A156.115-W specifications. It is suitable for both interior and exterior doors. A selection of four designer finishes is offered.

PIN Code Access

Locking or unlocking the door is easily accomplished by entering a 4-8 digit PIN code. Up to 500 unique user PIN codes are supported, including a Master PIN which can be used to access menu options and configure the lock. The lock can also be operated with a key from the outside or a thumbturn from the inside. For unrestricted passage, select user PINs may be authorized to enable Passage Mode, allowing the door to remain unlocked when appropriate.

Privacy Mode

A “privacy button” is provided on the interior escutcheon, which allows the door to be locked from the inside with a short one second press. Holding the button for three seconds places the lock in Privacy Mode,



which temporarily disables the keypad and prohibits entry from the outside until the door is opened from the inside.

Lockout Mode

Lockout Mode can be activated at any time using the Master PIN to disable all PIN codes except for the Master PIN.

infiNET EX® Wireless Technology

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a commercial structure without the need for physical control wiring. The Yale nexTouch Lock communicates with a Crestron control system via an infiNET EX wireless gateway, and can function as part of a complete network of wireless locks, lighting dimmers, motorized shades, thermostats, keypads, handheld remotes, and other devices.^[1]

Remote Management

Through integration with a Crestron control system, multiple Yale nexTouch Locks can be securely monitored and controlled through a Crestron touch screen, mobile device, or the Crestron Fusion® enterprise management service. System integration also enables customizable interaction with lighting, video surveillance, and security systems. Notification options enable pre-programmed triggers to sound an alarm or send an email or text message whenever a particular door is used, or if an authorized PIN code is used, or if someone has forcibly tampered with the lock. Activity logs can be viewed to see which user PINs were used at a particular door and time. Enhanced scheduling capabilities allow access rights to be restricted for specific user PINs during specific time periods.^[2]

CLK-YL-NTB620-CR2

Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology

9V Battery Power Backup

In the event the internal batteries become too weak to operate the lock, operation may be temporarily restored by holding a standard 9 volt battery across a pair of terminals positioned just below the keypad. Such conditions are ordinarily prevented by replacing the internal batteries when a low battery condition is signaled via a Crestron touch screen, email or text alert, monitoring software, or the flashing low battery indicator on the lock itself.^[2]

Notice: This product is sold only in the United States.

SPECIFICATIONS

Controls & Indicators

Keypad: Backlit capacitive touchscreen with fixed-position buttons; Includes (12) buttons including digits 0-9, √, and “gear” symbol for PIN entry and setup

Low Battery Indicator: (1) Red LED, flashes to indicate a low battery condition

Lockout Mode Indicator: (1) Red LED, indicates Lockout Mode is active (all PIN codes are disabled except for the Master PIN code)

Privacy Button (interior): (1) Pushbutton; press and hold for one second to lock the door; press and hold for three seconds to activate Privacy Mode which temporarily disables the keypad and prohibits entry from the exterior until the door is opened from the interior (Privacy Mode must be enabled through setup and requires installation of the included Door Position Switch)

Audio

Speaker: Built-in speaker on interior side for alarms and voice prompts

Languages: English, Spanish, or French

Wireless Communications

RF Transceiver: infiNET EX 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant

Range: 50 ft (15 m) to gateway or nearest mesh network device(s); subject to site-specific conditions and individual device capabilities, range between floors or ceilings is limited to one level^[1]

Gateway: Requires an infiNET EX gateway or Crestron Pyng control hub (sold separately)

Connections

9V Battery Power Backup: (2) Battery terminals below keypad, enables temporarily powering the lock with a 9V battery if the internal batteries are dead

Power

Batteries: (4) Disposable 1.5V AA alkaline batteries (included)

Locket

Door Preparation: Uses a cylindrical lock with lever door preparations with the addition of one 1 inch (25.4 mm) hole; conforms to modified ANSI/BHMA specifications A156.115 (hardware preparations for steel doors/frames) and A156.115-W (hardware preparations for wood doors with wood or steel frames)

Door Thickness: 1-3/4 in (44 mm) standard;
1-3/8 in (35 mm) using thin door kit, Yale Part Number:
14-4761-0106^[3]

Backset: 2-3/4 in (70 mm) standard;
2-3/8 in (60 mm) option available^[3]

Latchbolt: Deadlocking latchbolt, 1/2 in (13 mm) throw, 2-1/4 x 1-1/8 in (57 x 29 mm) beveled front, standard;
3/4 in (19 mm) throw and flat front options available^[3]

Strike: ANSI strike, 4-7/8 x 1-1/4 in (124 x 32 mm), 1-1/4 in (32 mm) lip-to-center, standard^[4];
Additional strike options available^[3]

Cylinder: 6-pin cylinder standard;
Additional cylinder options available^[3]

Keying: Key-in-lever, fixed core, standard;
Additional keying options available^[3]

Number of Keys: 2 included

Handing: Non-handed

Construction

Composition: Solid metal escutcheons and handle set, weather-resistant gasket seal

Finish Options: Bright Brass, ANSI/BHMA code 605;
Satin Bronze, ANSI/BHMA code 613E;
Satin Nickel, ANSI/BHMA code 626;
Flat Black, ANSI/BHMA code 676

Environmental

Temperature: -40° to 140° F (-40° to 60° C)

Humidity: 5 to 95% RH

Dimensions

Exterior: Height: 8-1/8 in (207 mm);
Width: 3-3/4 in (96 mm) without lever;
Depth: 3-5/16 in (84 mm) with lever

Interior: Height: 8-1/8 in (207 mm);
Width: 3-3/4 in (96 mm) without lever;
Depth: 3-5/16 in (84 mm) with lever

Weight

7.5 lb (3.4 kg)

CLK-YL-NTB620-CR2 Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology

Compliance

ANSI/BHMA: Certified ANSI/BHMA A156.2, Series 4000 Grade 1

Fire Listing: Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours^[5]

FCC: FCC part 15

MODELS & ACCESSORIES

Available Models

CLK-YL-NTB620-CR2-605: Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology, Bright Brass

CLK-YL-NTB620-CR2-613E: Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology, Satin Bronze

CLK-YL-NTB620-CR2-626: Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology, Satin Nickel

CLK-YL-NTB620-CR2-676: Yale® nexTouch™ Lever Lock w/Touchscreen Keypad & infiNET EX® Technology, Flat Black

Available Accessories

CEN-GWEXER: infiNET EX® & ER Wireless Gateway

CENI-GWEXER: infiNET EX® & ER Wireless Gateway – International Version

MC3: 3-Series Control System® w/infiNET EX® & ER Wireless Gateway

DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX® & ER Wireless Gateway

CLW-EXPEX: infiNET EX® Wireless Expander

GLA-EXPEX: Crestron Green Light® Wireless Expander for infiNET EX® Networks

Notes:

1. The infiNET EX wireless gateway (model [CEN-GWEXER](#), [DIN-AP3MEX](#), [MC3](#), or [PYNG-HUB](#)) is sold separately. Crestron infiNET EX wireless technology employs a mesh network topology so each "EX" device on the network acts as a routing node or "expander," which relays the signals it receives on to other EX devices within range. This effectively extends the total range of the network and provides multiple redundant signal paths for extra reliability. A maximum of six "hops" across routing nodes is allowed, although a maximum of three is recommended. Please note that Yale nexTouch Locks and other battery-powered infiNET EX devices only operate as leaf nodes and do not provide expander functionality. If needed, up to five dedicated infiNET EX expanders (model [CLW-EXPEX](#) or [GLA-EXPEX](#), sold separately) may be deployed as supplemental routing nodes to fill any gaps in coverage. Up to 100 infiNET EX devices are permitted per gateway, although best practices suggest a limit of 50. Refer to the "Installation and Setup of Crestron RF Products, Best Practices" guide (Doc # 6689) for additional guidelines.
2. Certain functions described may require additional equipment and/or custom commissioning provided by a Crestron authorized system integrator or programmer. Contact your Crestron representative for design assistance.
3. The Thin Door Kit and other options are available from Yale Locks & Hardware by emailing: Service@YaleLock.com. The Thin Door Kit includes inside and outside escutcheon spacers as well as a 2-3/8 inch latchbolt. Please be aware that using a 2-3/8 inch latchbolt results in ANSI/BHMA Grade 2 performance of the lock.
4. For door and frame with ANSI/BHMA A156.115 preparation.
5. Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and both Crestron and Yale Locks & Hardware make no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

This product is available in the United States only, and may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

Crestron, the Crestron logo, 3-Series, 3-Series Control System, Crestron Fusion, Crestron Green Light, Crestron Pyng, and infiNET EX are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Yale and nexTouch are either trademarks or registered trademarks of Yale Security Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2017 Crestron Electronics, Inc.