



# Yale Accentra™ Multi-Family Housing **Certified Integrator Catalog**













ASSA ABLOY is transitioning the Yale Commercial brand to ACCENTRA. This affects only the brand name; the products and product numbers will remain unchanged. Prior to May 20, 2024, products may be shipped either as Yale Commercial brand or ACCENTRA brand. Products shipping after May 20, 2024, will be branded ACCENTRA.

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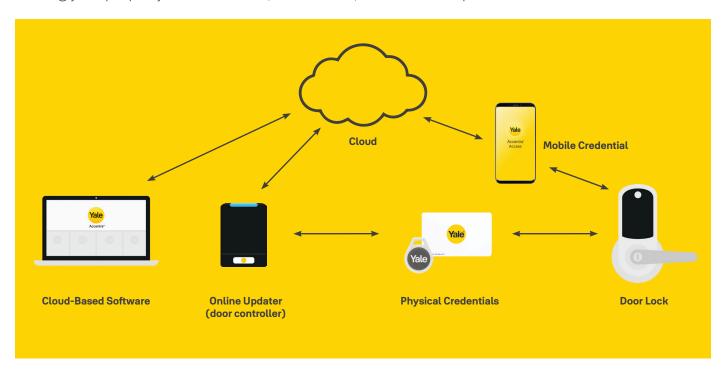


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# Access Control Made Easy



The Yale Multi-Family Solution combines smart locks with intuitive cloud-based software for easy and convenient access management of multi-family properties in a single system. Access updates can be instantly applied using the mobile access app or an online updater for physical credentials. Avoid the hassles and costs that come with wiring every door or managing access with keys while making your property a more secure, convenient, and attractive place to live.

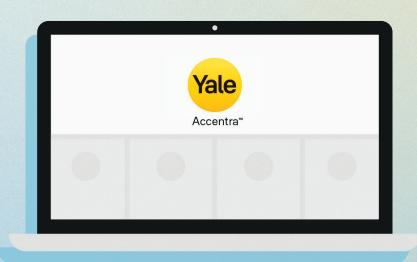




# Manage Access Rights for Residents, Visitors, and Staff



Yale Accentra™ Cloud-Based Software



- Cloud-based access management software designed specifically for multi-family
- Manage resident, visitor, and staff access for multiple properties anytime, anywhere, from any Internet-enabled device
- Intuitive user interface designed for typical management activities such as issuing leases and visitor access
- Issue emergency access through one-time PINs for lost cards or fobs or instantly apply new mobile credential rights

## **Technical Specifications**

Dedicated web-based interface accessible from any Internet-connected device (Mac, PC, smart phone, or tablet)
Responsive design accommodates any device (Mac, PC, smart phone, or tablet)
Automatic updates
Certified to ISO/IEC 27001
Browser: Firefox, Chrome, or similar

# How to Order



## System and Subscription Options

Part Number	Description
ACC-SUB-INIT	Account registration
ACC-SUB-001	Annual software subscription fee per door for systems 1-49 doors
ACC-SUB-050	Annual software subscription fee per door for systems 50-199 doors
ACC-SUB-200	Annual software subscription fee per door for systems 200-499 doors
ACC-SUB-500	Annual software subscription fee per door for systems 500-999 doors
ACC-SUB-01K	Annual software subscription fee per door for systems 1000+ doors

#### Notes

- A Yale Accentra<sup>™</sup> compatible data-on-credential lock cannot be turned on within a system without ordering the appropriate number of subscription units.
- Subscriptions must be ordered in batches based on the quantity of managed devices within a system (ex: 100 locks + 2 online updaters = 102 managed devices).
- Unlimited mobile credentials are included as a part of the annual subscription fee for no additional charge. Mobile credentials are issued within the Yale Accentra cloud user interface.

# Yale Multi-Family Solution Online Updater



# Continuously Updated Access Rights







Wall switch updater

- Grants access to authorized physical and mobile credentials
- Activates new physical credentials for residents, visitors, and staff
- Transmits access permissions to physical credentials at the time of entry

- Ensures physical credentials are continuously updated through typical daily use
- Scheduled and remote unlock capabilities for the online updater are managed through the Yale Accentra Cloud Interface

Used together in a one-to-one relationship, the controller and the credential updater are known as the online updater. The online updater can operate either as a physical credential enrollment station or as a single door controller to operate an electrified strike, maglock, gate operator, activate an elevator call button, and more.



Controller

# Technical Specifications



# Credential Updater

Base Part Number	NTX612 NTX642				
Typical Read Range	iCLASS Seos: Contact iCLASS Seos: Contact				
Mounting	Mini-Mullion Size; physically HID's smallest iCLASS® readers and are ideally suited for mullion-mounted door installations, U.S. single- gang J-box (with mud ring) or any flat surface	Wall Switch Size; designed to mount and cover single gang switch boxes primarily used in the Americas and includes a slotted mounting plate for European and Asian back box spacing			
Dimensions	1.9" x 4.1" x 0.9" 4.8 cm x 10.3 cm x 2.3 cm	3.3" x 4.8" x 1.0" 8.4 cm x 12.2 cm x 2.4 cm			
Product Weight (Pigtail)	3.9 oz (113g)	7.7 oz (220g)			
Product Weight (Terminal Strip)	2.9 oz (84g)	7.5 oz (215g)			
UL Ref Number	R10E	R40E			
Operating Voltage Range	5-16 \	VDC			
Color	Black				
Current Draw - Standard Power Mode2 (mA)	60 @ 16V	65 @ 16V			
Peak Current Draw - Standard Power	200 @ 16V				
Operating Temperature	-31º to 150º F (-35º to 65º C)				
Operating Humidity	5% to 95% relative humidity non-condensing				
Environmental Rating	Indoor/Outdoor IP55; IP65 if installed with optional gasket				
Transmit Frequency	13.56 MHz				
13.56 MHz Card Compatibility	Secure Identity Object™ (SIO) on iCLASS Seos,				
Communications	Open Supervised Device Pr	otocol (OSPD) via RS485			
Panel Connection	Pigtail or Ter	minal Strip			
Certifications	UL294/cUL (US), FCC Certificati	on (US), IC (Canada), CE (EU)			
Cryto Processor Hardware Common Criteria Rating	EAL5+				
Housing Material	UL94 Polycarbonate				
Manufactured with % of recycled content (Pigtail)	10.5%				
Manufactured with % of recycled content (Terminal Strip)	11.0%				
Warranty	Limited lifetime				

## Controller

Dimensions	7-1/8" x 7-1/8" x 1-3/4" (181mm x 181mm x 45mm)
Power Supply	24VDC or POE (power over Ethernet)
Power Consumption	100mA @ 24VDC
Operating Temperature	40°F (5°C) to 104°F (40°C)
Ethernet	10/100 Mbit/s
Certifications	Certified FCC Part 15
Warranty	1-year

# Yale Multi-Family Solution Credentials





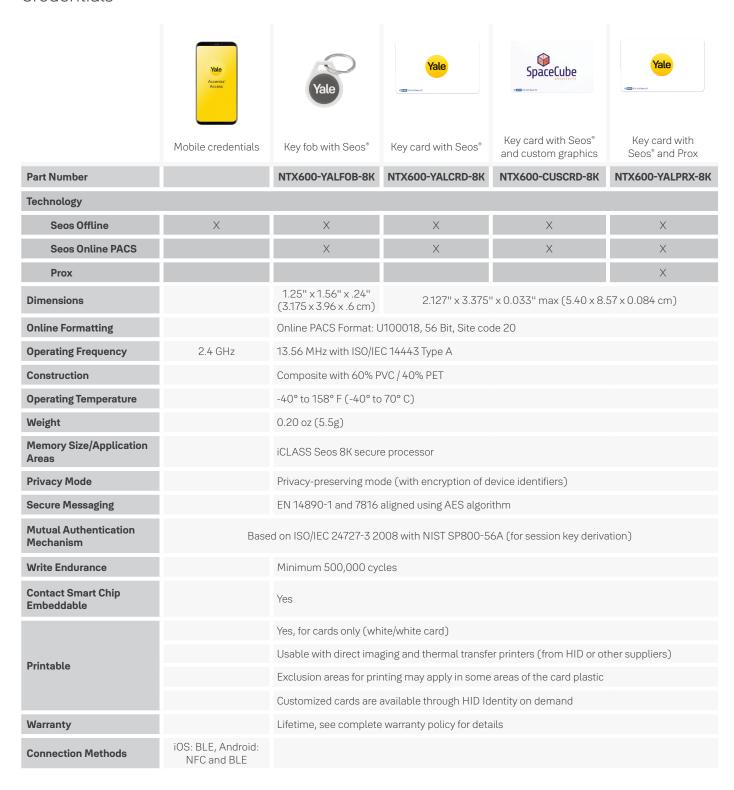
- Card, Fob, and Mobile credentials are available
- Credentials carry access permissions to access both offline and online openings
- Physical credentials can be handed back in and reused an unlimited number of times
- Physical credentials are updated at the online updater
- Mobile credential access updates are instantly applied
- Mobile credentials are included as part of the annual subscription fee
- Available for both iOS and Android devices

The Yale Multi-Family Solution offers innovative Seos®-based credentials, which allow for highly encrypted and secure transactions of access permissions and audits within the Yale Accentra system. If your building has an existing access control system that uses HID iCLASS SE or multiCLASS SE credential readers, Yale Accentra fobs and key cards can be programmed so users can operate all readers, new and existing, with one unique credential. Yale Accentra Access app is supported on iOS and Android devices.

# Technical Specifications



#### Credentials



# How To Order



## Credential Updaters

#### Credential Updater/Controller Kits1

NTX712-KIT-PT	Contact less smart credential updater (mini,muUion with pig tail) and 700 Series controller
NTX712-KIT-TS	Contactless smart credential updater (mini-mullion with terminal strip) and 700 Series controller
NTX742-KIT-PT	Contactless smart credential updater (wall switch with pig tail) and 700 Series controller
NTX742-KIT-TS	Contactless smart credential updater (wall switch with terminal strip) and 700 Serles controller
NTX612-KIT-PT	Contactless smart credential updater (mini-mullion with pig tail) and controller
NTX612-KIT-TS	Contactless smart credential updater (mini-mullion with terminal strip) and controller
NTX642-KIT-PT	Contactless smart credential updater (wall switch with pig tail) and controller
NTX642-KIT-TS	Contactless smart credential updater (wall switch with terminal strip) and controller

<sup>1.</sup> Credential updater and controller are both required for each online opening.

#### Credentials

NTX600-YALCRD-8K	Seos card, 8K, Yale branded
NTX600-CUSCRD-8K	Seos card, 8K, custom graphics <sup>2</sup>
NTX600-YALPRX-8K	Seos + Prox card, 8K, Yale branded
NTX600-YALFOB-8K	Seos fob, 8K, Yale branded

<sup>2.</sup> Artwork requirements available upon request. 4-5 week lead time from time of artwork proof approval.

NOTE: Unlimited mobile credential provisioning is included as a part of the annual subscription fee. Mobile credentials are issued within the Yale Accentra Cloud user interface.

#### **Other Accessories**

NTX610-UPDTR-SPACER	*NTX612-UPDTRS pacer,1 2.7mm (0.5 in), MetallicI nsertB lack
NTX640-UPDTR-SPAC	*NTX642-UPDTRS pacer,2 5.4mm (1.0 in), MetallicI nsertB lac
NTX610-UPDTR-GSKT	**IP65 GasketK it,( 10) pcsp er kit. For usew ith model NTX612-UPDTR-PT & -TS.
NTX640-UPDTR-GSKT	**IP65 GasketK it,( 10) pcsp er kit. For usew ith model NTX642-UPDTR-PT & -TS.
PoE-BUNDLE	Securitron Power over Ethernet injector and power supply
NTX600-WBAND	Fob Bracelet (bracelet and fob sold separately)

## Replacement Parts

#### **Credential Updater Only**

NTX612-UPDTR-PT	Replacement Parts
NTX612-UPDTR-TS	Credential Updater Only
NTX642-UPDTR-PT	NTX612-UPDTR-PT
NTX642-UPDTR-TS	NTX612-UPDTR-TS

#### Controller

NTX700-CTLR	700 Series Controller
NTX600-CTLR	Controller

<sup>\*</sup>Replacement back spacer for installations on metallic surfaces

<sup>\*\*</sup>Recommended accessory for installations with full weather exposure

# Control Access to Common Areas and Exterior Doors



# nexTouch® Cylindrical Lock



# **Technical Specifications**

Door Specifications	Fits into the standard ANSI/BHMA A156.115 cylindrical lock with lever door prep with one additional 3/4" hole and 7 screws including latchbolt and strike
Backset	2-3/4" (70mm) standard backset
DoorThickness	1-3/4" (44mm) door thickness standard; thin door kit required for 1-3/8" thick doors
Handing	Non-handed
Latchbolt	1/2" (13mm) throw deadlocking latchbolt supplied standard
Strike	ANSI strike 4-7/8" x 1-1/4" x 1-1/4" (124 mm x 32 mm x 32 mm) lip to center supplied standard
Cylinder	Accepts Yale® fixed core component cylinders; also available to accept small format interchangeable core (SFIC)
Keying	Capable of accepting Yale® 6-pin standard, small and large format interchangeable core, security and protected keyway cylinders with master keying capabilities
Packing	Each box includes a paper door marker, combination wood and machine screws and easy-to-follow installation and programming instructions; cylinder functions supplied with two keys
ANSI/BHMA	Certified ANSI/BHMA A156.2, Series 4000 Grade 1
UL/cUL	Functions are UL - cUL Fire Listed for use on fire doors having a rating up to and including 3-hours
Warranty	3-year electronic and mechanical, 1-year finish
Environmental Specifications	Operating temperature: -40°F to +140°F (-40°C to +60°C) at 95% relative humidity when used with an external power supply
Power Source	Four AA alkaline batteries (included) with optional hardwire input for 9VDC external power; 9V battery power backup
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials
Interface	Capacitive touchscreen or pushbutton
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades



## How To Order



Quantity	Lever Design	Series	Function	^Technology	Finish	Advanced Functions	Door Thickness	Cylinder	Latch	Strike
#	AU – Augusta PB – Pacific Beach MO – Monroe TB UB	NTB – nexTouch®	613 - Pushbutton Keypad - Key Override 623 - Capacitive Touchscreen - Key Override 633 - Pushbutton Keypad - No Key Override 643 - Capacitive Touchscreen - No Key Override	ACC – Data- on-Credential	605 – Bright brass, clear coated 613E – Dark oxidized bronze - equivalent 626 – Satin chrome plated BSP - Black suede powder coat	DPS***	1-3/4"* 1-3/8"	1803-53L – 6-pin cylinder standard, see pages 18-19 for additional options**	694 latchbolt standard, see page 20 for additional options	497 ANSI strike standard, see page 20 for additional options

<sup>\*1-3/4&</sup>quot; door thickness is standard. Doors under 1-3/4" in thickness require a thin door kit. If you specify 1-3/8" door thickness, a thin door kit is provided automatically.

## Build Your Order String

Quantity	Lever Design	Series	Function	^Technology	Finish	Advanced Functions	Door Thickness	Cylinder	Latch	Strike
Example:	AU	NTB	613	ACC	626		1-3/4"	1803-53L	694	497
Example:	РВ	NTB	623	ACC	626	DPS	1-3/4"	1803-53L	694	497

## Packing

Each box has a paper door marker, combination wood and machine screws, four AA alkaline batteries, Allen wrench, lever removal tool and easy-to-follow installation and programming instructions. Cylinder functions supplied with two keys. When ordered with ACC functionality, the NTX600-ACC-Key Yale Accentra module is included in the box.

^nexTouch Accentra lock part numbers NTB613, NTB623, NTB633, & NTB643 can be used as a stand alone, keypad only function by removing the Accentra radio module from the lock. **These part numbers can NOT be upgraded for use with a Z-Wave compatible system.** 

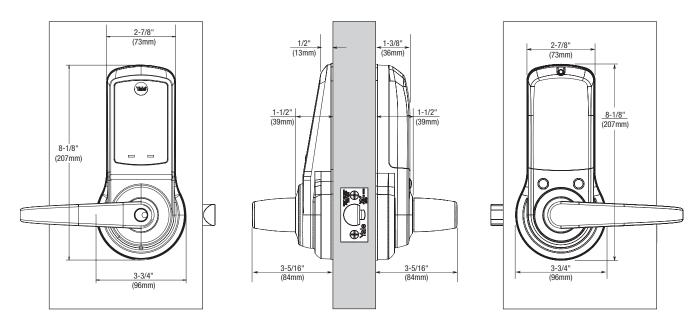
<sup>\*\*</sup>When ordering SFIC and LFIC cylinders, please use appropriate prefix before lever selection. See page 17 for more information.

<sup>\*\*\*</sup>Use DPS option code for Advanced Functions. An auxiliary Door Position Sensor (DPS) must be installed with the lock to enable both Escape Return and Privacy functions. If DPS is not included in the parts string, the Door Position Sensor will not be supplied with the lock. Note that selecting DPS option code will incur an upcharge. See current pricelist.

# Dimensions and Lever Designs



### **Dimensions**



Dimensions given in inches (mm).

## Lever Designs

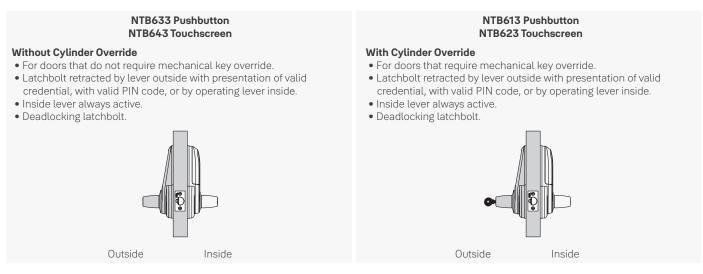


All levers available with small and large format interchangeable core. See pages 18-19 for details.

# Functions and Finishes



#### **Functions**



Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.

### **Finishes**

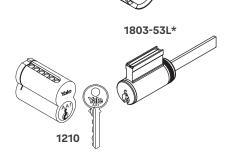




# Cylinder Options

The following selection guide indicates the correct cylinder for each locking segment.

L	ockset Series	Types of Cylinder Mechanisms								
nexTouch®		Conventional		Protected	Keyway	Security				
	Fixed Core	6-pin	7-pin	6-pin	7-pin	6-pin	7-pin			
Cylinder Types	Key-In-Lever	1803-53L*	N/A	K403-53L*	N/A	5803- 53L*	N/A			
der	Interchangeable	Core								
Cylin	LFIC	1210	N/A	K800	N/A	5210	N/A			
	SFIC	A600	A600	K600	K600	N/A	N/A			



Cylinder Sleeve\*

Refer to Yale\* KeyMark\* and/or Cylinders and Keys Catalog sections for all details and how-to-order examples.

## Other Manufacturer Keyway Cylinders

Illustration	Description	Model Number	Number of Pins
Yelo	Best* Keyway Cylinder. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	A600	6 or 7
Cylinder Sleeve	Schlage* "C" Keyway. Available 0-bitted or keyed random.	2803-53L*	6
Cylinder Cylinder Sleeve	Corbin Russwin "L4", Corbin "60", Russwin "D1", Sargent <sup>®</sup> "LA" or Schlage <sup>®</sup> "E" Keyway. Specify keyway. Available keyed random.	3803-53L*	6
Cylinder Sleeve	Arrow "AR"	100CV1*	6

<sup>\*</sup>All cylinders require a cylinder sleeve (P/N 14-1803-9001-000 ) to fit nexTouch® locksets manufactured prior to January 2022.



## Levers Accepting SFIC And Other Manufacturers' Large Format Interchangeable Cores



Description	Lever Prefix	Number of Pins
SFIC (Accepts all Small Format Interchangeable Cores)	B (i.e. B-AU, B-MO, B-PB), B-TB, B-UB	6 or 7
Corbin Russwin (LFIC)*	R (i.e. R-AU)	6
Medeco®, ASSA® (LFIC)	M (i.e. M-AU)**	6
Sargent (LFIC)	SG (i.e. SG-AU, SG-PB)	6
Schlage® (LFIC)	SI (i.e. SI-AU, SI-PB)	6

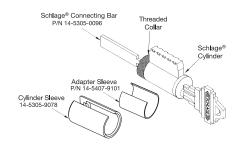
<sup>\*</sup>Corbin-Russwin LFIC only available with AU lever, 6-pin only

## 108 Schlage® Cylinder Adapter Kit

Kit used to modify Schlage® cylinder to fit nexTouch®.

P/N 14-5407-9101-999 - 108S

Kit includes tailpiece and sleeve. To order the 108S adapter kit, use an "S" prefix (i.e., S-AU x NTB613).



# Yale® KeyMark®

For those applications requiring protected key control, Yale® KeyMark® cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg® keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.



<sup>\*\*</sup>Medeco\*, ASSA\* option available only with AU lever. (Note: For Medeco 32 series cores.)

LFIC = Large Format Interchangeable Core

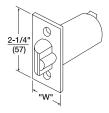
SFIC = Small Format Interchangeable Core

## Latchbolts and Strikes



## Deadlocking Latchbolts

**Model No. E694** supplied standard with all nexTouch® locksets. Model No. E694 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts to special order.

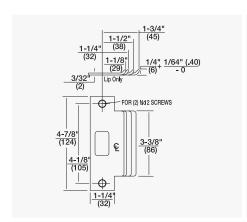


Model No.	Front	Backset	"W" Front Width	Throw	Latch Diameter
694 (standard)	Beveled	2-3/4" (70mm)	1-1/8" (29mm)	1/2" (13mm)	1" (25mm)
F694	Flat	2-3/4" (70mm)	1-1/8" (29mm)	1/2" (13mm)	1" (25mm)
480B	Beveled	2-3/4" (70mm)	1-1/8" (29mm)	3/4" (19mm)	1" (25mm)
F480B	Flat	2-3/4" (70mm)	1-1/8" (29mm)	3/4" (19mm)	1" (25mm)
380N*	Universal	2-3/8" (60mm)	1" (25mm)	1/2" (13mm)	7/8" (22mm)

When ordering latchbolts separately, specify Model No. x Finish (e.g., E694  $\times$  626).

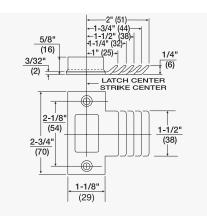
### Strikes

Yale\* nexTouch® locksets are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb and add 1/4" (6mm). All strikes are reversible.



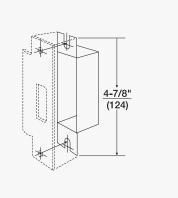
### Model No. 497 ANSI Strike (Standard)

For door and frames with ANSI/BHMA A156.115 preparations. 1-1/4" supplied standard. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order.



#### Model No. 371 T-Strike (Optional)

1-1/4" curved lip supplied standard. 1", 1-1/2", 1-3/4", and 2" curved lip lengths available by special order. Wrought strike box supplied.



# Model No. 202 Strike Box for ANSI Strike (Optional)

Specify 497 x 202

<sup>\*</sup>Using 380N latch results in Grade 2 ANSI/BHMA performance of the lock.

# Options and Accessories

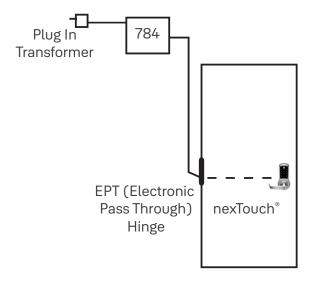


Model/Part Number	Description
784	Optional remote 9VDC power supply with plug-in wall transformer (used for hardwiring up to two nexTouch® locks).
WH-28	Remote power and request to enter wire harness.
14-4761-0106-025	1-3/8" thin door kit. Includes inside and outside escutcheon spacers as well as a 2-3/8" latchbolt.
NTX600-ACC-KEY	Yale Accentra™ module*
14-B600-0111-999	3-Wire Door Position Sensor

\*This technology module can be used to upgrade stand-alone nexTouch® locks for use in the Yale multi-family solution by enabling data-on-credential technology. This is included when ordering nexTouch® locks with ACC in the order string.



## Hardwire Option Diagram



# Certifications and Listings



#### ADA



The nexTouch® Series lever design meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, all requiring ease of accessibility.

## ANSI/BHMA



nexTouch® cylindrical certified ANSI/BHMA A156.2, Series 4000 Grade 1.

## Fire Listings



Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes 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 firerated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

#### FCC

Complies with limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

### ISO 14001

Designed and manufactured under a certified ISO 14001 quality system.

## Sustainability

EPD and GreenCircle certification.

## Warranty

nexTouch® has a three-year limited warranty on the mechanical and electrical components, and a one-year limited warranty on the finish.

#### Windstorm



Certified (refer to local codes).

# Control Access to Common Areas and Exterior Doors



# nexTouch® Sectional Mortise Lock







# **Technical Specifications**

Door Specifications	Fits into the standard mortise door prep
Backset	2-3/4" (70mm) standard backset
Door Thickness	1-3/4" (44mm) door thickness standard; please specify for other door thicknesses
Handing	Field reversible
Latchbolt	3/4" spring latchbolt standard, 1" throw deadlocking latchbolt optional
Strike	Curved lip strike with 1-1/4" (32 mm) lip length standard
Cylinder	Accepts conventional, interchangeable core, security and high security cylinders, and other manufacturers' keyway cylinders
ANSI/BHMA	Certified ANSI/BHMA Grade 1
UL/cUL	Functions are UL - cUL Fire Listed for use on fire doors having a rating up to and including 3-hours
Warranty	3-year electronic and mechanical, 1-year finish
Environmental Specifications	Operating temperature: -40°F to +140°F (-40°C to +60°C) at 95% relative humidity when used with an external power supply
Power Source	Four AA alkaline batteries (included) with optional hardwire input f or 9VDC external power; 9V battery power backup on keypad
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials
Interface	Capacitive touchscreen or pushbutton keypad
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades



# How To Order



Quantity	Lever Design	Series	Function	^Technology	Finish	Hand	Door Thickness	Cylinder	Strike
	AUR – Augusta  MOR – Monroe  PBR – Pacific Beach  ARR – Arcadia  CRR – Carmel  JNR –  Jefferson  PNR –  Pinehurst  VIR – Virginia  See page 25  for Reflections decorative lever options	NTM nexTouch® mortise	613 - Pushbutton Keypad - Key Override - No Deadbolt 618 - Pushbutton Keypad - Key Override - w/ Deadbolt 623 - Capacitive Touchscreen - Key Override - No Deadbolt 628 - Capacitive Touchscreen - Key Override - w/ Deadbolt 633 - Pushbutton Keypad - No Key Override - No Deadbolt 638 - Pushbutton Keypad - No Key Override - w/ Deadbolt 643 - Capacitive Touchscreen - No Key Override - w/ Deadbolt 643 - Capacitive Touchscreen - No Key Override - No Deadbolt 648 - Capacitive Touchscreen - No Key Override - No Deadbolt	ACC – Data- on-Credential	605 Bright brass, clear coated  613E Dark oxidized bronze - equivalent  626 Satin chrome plated  BSP Black suede powder coat	RHLH	1-3/4" standard, up to 2-1/4" door thickness available	2153 cylinder standard, see pages 29-31 for additional options	2815 curved lip strike standard, see page 33 for additional options

## Build Your Order String

Quantity	Lever Design	Series	Function	^Technology	Finish	Hand	Door Thickness	Cylinder	Strike
Example:	AUR	NTM	623	ACC	626	RH	1-3/4	2153	2815

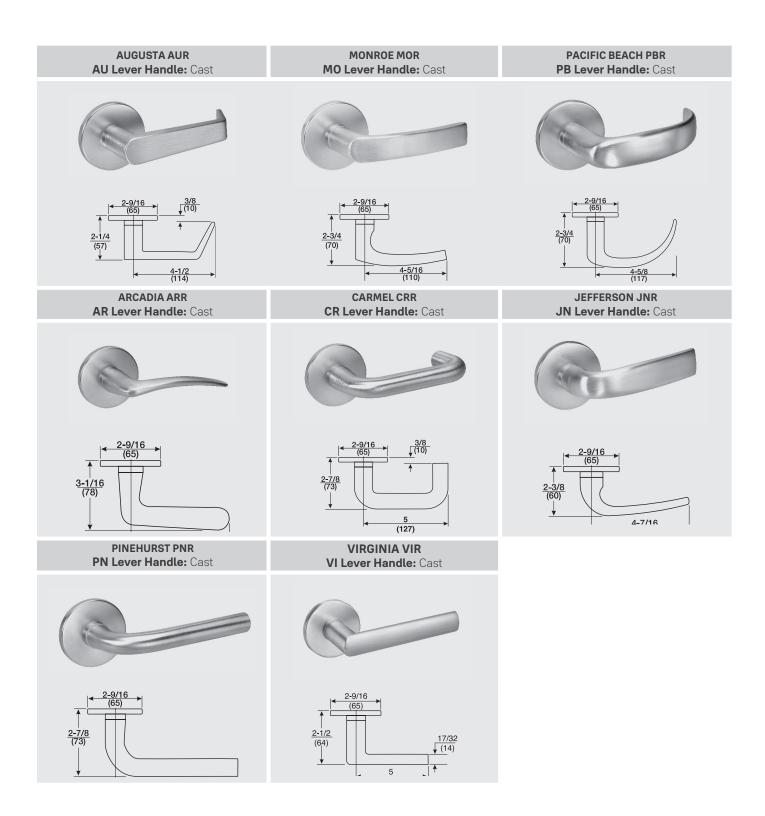
## Packing

Each box has a paper door marker, combination wood and machine screws, four AA alkaline batteries, Allen wrench, lever removal tool, and easy-to-follow installation and programming instructions. Cylinder functions supplied with two keys. When ordered with ACC functionality, the NTX600-ACC-Key Yale Accentra module is included in the box.

^nexTouch Accentra lock part numbers NTM613, NTM618, NTM623, NTM628, NTM633, NTM638, NTM643, & NTM648 can be used as a stand alone, keypad only function by removing the Accentra radio module from the lock. **These part numbers can NOT be upgraded for use with a Z-Wave compatible system.** 

# Trim Designs

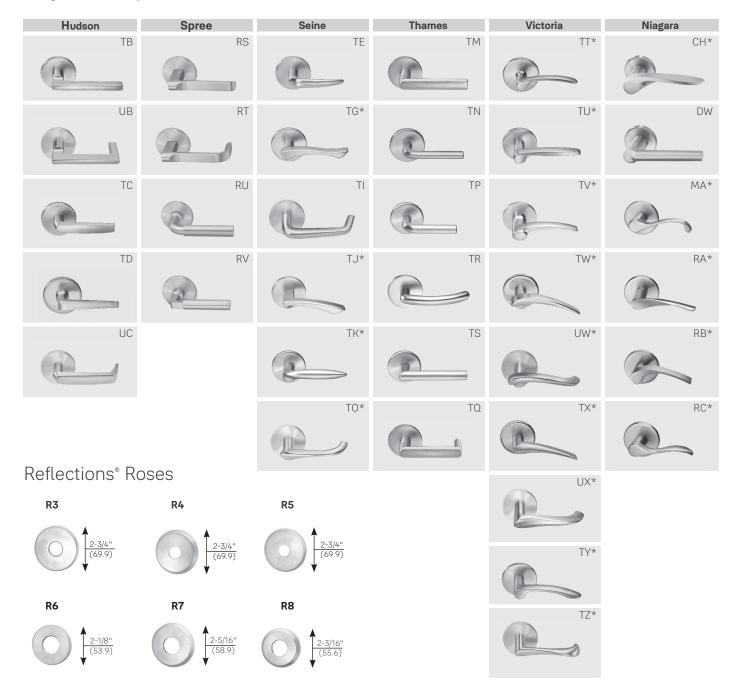




# Reflections® Decorative Trim



Yale nexTouch® sectional mortise locks are available with Reflections lever trim, a comprehensive line of highly stylized lever handles. Reflections lever handles are made from solid brass or stainless steel and can withstand years of abuse. Available in an array of finishes, these levers complement any wood grain or other door exterior. Each lever is hand-polished and specially designed for ergonomics and style.



<sup>\*</sup>Indicates levers that are handed.

## **Functions and Finishes**



#### **Functions**

#### NTM633 Pushbutton NTM643 Touchscreen

#### No Deadbolt Without Cylinder Override

- For doors that do not require mechanical key override.
- Latchbolt retracted by lever either side, except when outside lever is locked
- Deadlocking latchbolt.



Outside

#### NTM613 Pushbutton NTM623 Touchscreen

#### No Deadbolt With Cylinder Override

- For doors that require mechanical key override.
- Latchbolt retracted by lever either side, except when outside lever is locked.
- When outside lever is locked, latchbolt is operated by key outside.
- Deadlocking latchbolt.



Outside NTM618 Pushbutton

#### NTM638 Pushbutton NMT648 Touchscreen

#### Deadbolt without cylinder override

- Latchbolt retracted by lever either side, except when outside lever is locked.
- Deadbolt operated by thumbturn inside.
- When deadbolt is projected, lever is automatically locked.
- Anti-panic operation. Operating inside lever automatically retracts latch bolt and deadbolt with outside lever remaining locked.
- Deadlocking latchbolt.

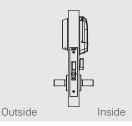
# NTM628 Touchscreen

#### Deadbolt with cylinder override

- Latchbolt retracted by lever either side, except when outside lever
- Deadbolt operated by key outside, thumbturn inside.
- When outside lever is locked, latchbolt and deadbolt are operated by kev outside.
- When deadbolt is projected, lever is automatically locked.
- Anti-panic operation. Operating inside lever automatically retracts latchbolt and deadbolt with outside lever remaining locked.
- Deadlocking latchbolt.



Outside



### **Finishes**

#### ANSI/BHMA Code **Finish Description**

605 **Bright Brass, Clear Coated** 

613E **Dark Oxidized Satin Bronze** equivalent

626 Satin Chrome Plated

RSP **Black Suede Powder Coat** 







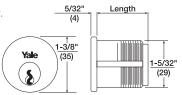




# Conventional Cylinders

Illustration	Cylinder Model	Application	Cam	Length		
เแบรเกลเเอก	Number	Application	Calli	6-Pin	7-Pin	
	2153	Standard cylinder	2160	1-1/8" 1-1/4" 1-3/8"	1-1/4" 1-3/8"	
Yale	2153\$	For inside operation of 8817-2 and 8834-2 functions only	2130	1-1/2" 1-5/8" 1-3/4"	1-3/8" 1-1/2" 1-5/8" 1-3/4"	
	2123	Cylinder for longer lengths	2160	1-7/8" thru 3-1/	2" in 1/8"	
	2123S	For inside operation of 8817-2 and 8834-2 functions only for longer lengths	2130	incremen		
	2719	For hotel/motel locks 8820, 8827 and 8832	2160	1-3/8"	_	

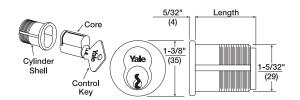
<sup>\*</sup>Contact Technical Product Support for cylinder collar requirements when ordering these cylinders separately.



# Interchangeable Core Mortise Cylinders

Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
2196	Standard Cylinder	2160	1-1/2", 1-3/4", 2"	6	2221	1210
2197	Standard Cylinder	2160	1-11/16", 2"	7	2213	1220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.

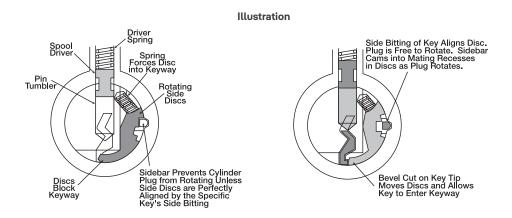




## Security Cylinders

Security cylinders contain two independent locking mechanisms. The first is a traditional 6- or 7-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring loaded and block the bottom of the keyway.



## Security/High Security Mortise Cylinders

Model Number	Application	Cam	Length		
Plodet Nomicel	Application	Calli	6-pin	7-pin	
5153/U5153	Standard Cylinder	2160	1-1/8" 1-1/4"	1-1/4"	

## Security Interchangeable Core Mortise Cylinders

Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
5196	Standard Cylinder	2160	1-1/2"	6	2221	5210
5197	Standard Cylinder	2160	1-11/16"	7	2213	5220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.



## Other Manufacturers' Keyway Cylinders/Cores

Illustration	Model Number	Туре	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
		Small Format IC Mortise, includes Best <sup>®</sup> Keyway Core. Available		1-1/4"	6		
keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.		KC1	1-3/8" 1-3/4"	6 or 7	K660	A600	
	2553	Fixed Core Mortise Schlage® "C" Keyway Cylinder. Available 0-bitted or keyed random.	2160	1-1/8"	6	N/A	N/A

# Yale® KeyMark®

For those applications requiring protected key control, Yale\* KeyMark\* cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg\* keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.

#### **Protected Keyway Mortise Cylinders**

Model Number	Туре	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
K100	Fixed Core Mortise	KC1	1-1/8", 1-1/4" 1-1/2", 1-3/4" 2"	6 or 7	N/A	N/A
1/000	Laure Farmant IO Martina	KC1	1-1/2", 1-3/4" 2"	6	K860	K800
K820 Large Format IC Mortise	Large Format IC Mortise		1-11/16" 1-3/4", 2"	7		
K620	Small Format IC Mortise	KC1	1-1/4"	6	K660	K600
NOZU	Sillatt Format IC Mortise	NC I	1-3/8", 1-3/4"	6 or 7	NOOU	
K630	Small Format IC Mortise-	KC1	1-1/4"	6	K670	K600
K03U	Tapered		1-3/8"	6 or 7		

# Cylinder Collars

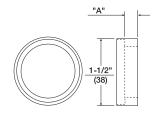


Cylinder collars are supplied as standard where required with those locksets supplied with cylinders. Collar size and thickness are supplied to suit the length of the cylinder, the thickness of the door and the trim ordered. (If door thickness is not specified, collars will be furnished for 1-3/4" (44mm) door.)

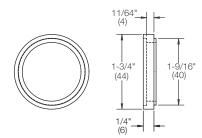
Collar length required must be specified for cylinders and/or housings ordered separately.

#### 1765 Recessed Cylinder Collar

"A" Dimension: Thicknesses available in 1/16" (2mm) increments from 1/16" (2mm) to 1-15/32" (37mm) as required. **Material:** Brass, Stainless Steel



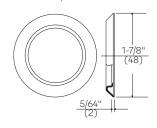
#### 1766 Step Collar for U5109 and U5153 High Security Cylinders. Material: Stainless Steel



#### KP3 Wave Washer (Furnished standard with 1765 collar for Yale' KeyMark' cylinders only).

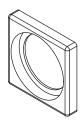


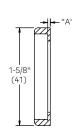
# **KP4 Flush Mount Cylinder Collar Material:** Brass, Bronze



# 1767 Square Collar (provided standard with R9 rose)

"A" Dimension: See chart for available sizes. To order, specify "1767.size" i.e. 1767.XXX **Material:** Brass, Stainless Steel





"A" Dimension			
Size	Specify		
1/32	.042		
1/8	.122		
3/16	.192		
1/4	.248		
5/16	.310		
3/8	.373		
7/16	.436		
1/2	.498		
9/16	.560		
5/8	.623		
11/16	.703		
25/32	.788		

## Strikes



Yale nexTouch® Keypad Sectional Mortise Locks come standard with a 2815 Curved Lip Strike with a 1-1/4" (32mm) lip length. The strike supplied will accommodate the locking function, i.e. latchbolt and/or deadbolt, and can be installed on doors 1-3/4" (44mm) thick. These strikes are non-handed.

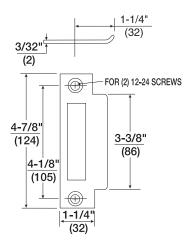
Material: Brass, Bronze, Stainless Steel.

**Longer/Shorter Lip Lengths:** Mortise lock strikes are mounted 3/8" above the center line of the lock. To determine the proper length of lip use the following formula:

1/2 of the door thickness, plus 1/16" inset, plus trim thickness, plus 1/8" for flat lip strike OR 1/4" for curved lip strike. Select the nearest available length.

2815 Curved Lip: 1-1/4" (32mm) standard Available for special order:
1-1/8" (29mm)
1-3/8" (35mm)
1-1/2" (38mm)
1-5/8" (41mm)
1-3/4" (44mm)
1-7/8" (48mm)
2" (51mm)
2-1/8" (54mm)
2-1/4" (57mm)

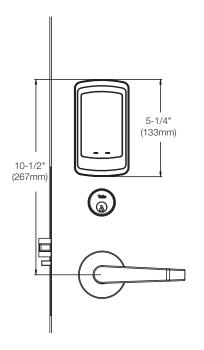
2816 Flat Lip (Available for special order only):
7/8" (22mm)
1" (25mm)
1-1/8" (29mm)
1-1/4" (32mm)
1-1/2" (38mm)
1-3/4" (44mm)
2" (51mm)
2-1/4" (57mm)
2-1/2" (64mm)

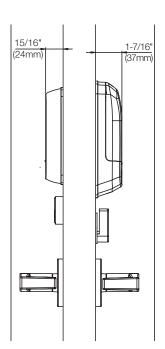


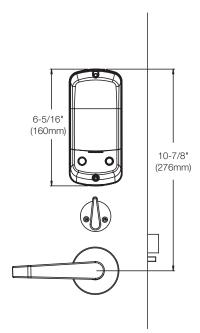
2815 Curved Lip Strike 1-1/4" (32mm) standard

# Dimensions









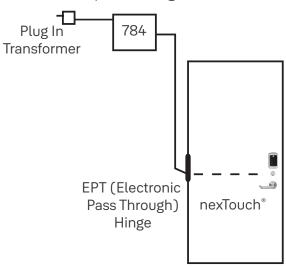
32

# Options & Accessories



Model/Part Number	Description		
784	Optional remote 9VDC power supply with plug-in wall transformer (used for hardwiring up to two nexTouch® locks).		
WH-28	Remote unlock and power wire harness (used for hardwiring).		
NTX600-ACC-KEY	Yale Accentra™ module*		

## Hardwire Option Diagram



\* This technology module can be used to upgrade stand-alone nexTouch® locks for use in the Yale multi-family solution by enabling data-on-credential technology. This is included when ordering nexTouch® locks with ACC in the order string.



### Scar Plate Kits

(Can be used to cover door preps for SARGENT Profile Series v.G1.5 and Corbin Russwin Access 800 series locksets to enable replacement with nexTouch)

Model/Part Number	Description
50-M600-0150-033	Scar plates, outside with cylinder, inside without thumbturn
50-M600-0151-033	Scar plates, outside without cylinder, inside without thumbturn
50-M600-0152-033	Scar plates, outside with cylinder, inside with thumbturn
50-M600-0153-033	Scar plates, outisde without cylinder, inside with thumbturn

NOTE: Scar plate kits include 1 outside plate and 1 inside plate.

# Certifications and Listings



#### ADA



**FCC** 

The nexTouch® Series lever design meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, all requiring ease of accessibility.

# ANSI/BHMA



nexTouch® mortise certified ANSI/BHMA A156.13, Series 1000 Grade 1.

## .

## Sustainability

ISO 14001

system.

part 15 of the FCC Rules.

EPD and GreenCircle certification.

## Fire Listings



Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes 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.

## Warranty

nexTouch® has a three-year limited warranty on the mechanical and electrical components, and a one-year limited warranty on the finish

Complies with limits for a Class B digital device, pursuant to

Designed and manufactured under a certified ISO 14001 quality

### Windstorm

Certified (refer to local codes).



# Control Exterior Door and Stairwell Access



nexTouch® Keypad Exit Trim



# **Technical Specifications**

Door Specifications	Retrofits onto many exit device models, see chart above
DoorThickness	1-3/4" (44mm) door thickness standard, 2-1/4" also available
Handing	Field reversible
Cylinder	Accepts conventional, interchangeable core, security and high security cylinders, and other manufacturers' keyway cylinders
Keying	Capable of accepting Yale 6-pin standard, small and large format interchangeable core, security and protected keyway cylinders with master keying capabilities
ANSI/BHMA	Certified ANSI/BHMA A156.3, Grade 1
UL/cUL	Functions are UL - cUL Fire Listed for use on fire doors having a rating up to and including 3-hours
Warranty	3-year electronic and mechanical, 1-year finish
Environmental Specifications	Operating temperature: -40°F to +140°F (-40°C to +60°C) at 95% relative humidity when used with an external power supply
Power Source	Four AA alkaline batteries (included) with optional hardwire input for 9VDC external power; 9V battery power backup
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials
Interface	Capacitive touchscreen or pushbutton
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades





#### How To Order



#### Exit Trim

Quantity	Lever Design	Series	Function	^Technology	Finish	Advanced Functions	Cylinder/ Keyway	Hand*	Door Thickness
	AU – Augusta MO – Monroe PB – Pacific Beach	NTT nexTouch® Keypad Exit Trim	613 - Pushbutton Keypad - Key Override 623 - Capacitive Touch - Key Override	ACC - Data-on- Credential	605 – Bright brass, clear coated  613E – Dark oxidized bronze - equivalent  626 – Satin chrome plated  BSP – Black suede powder coat	DPS**	2153 cylinder keyed random standard, see pages 43-45 for additional options	RHR LHR	1-3/4" 2-1/4"

<sup>\*</sup>Lock is field reversible

#### Build Your Order String

Quantity	Lever Design	Series	Function	^Technology	Finish	Advanced Functions	Cylinder/ Keyway	Hand	Door Thickness
Example:	AU	NTT	623	ACC	626		2153	RHR	1-3/4"
Example:	РВ	NTT	623	ACC	BSP	DPS	2153	LHR	1-3/4"

#### Packing

Each box has a paper door marker, combination wood and machine screws, four AA alkaline batteries, Allen wrench and easy-to-follow installation and programming instructions. Cylinder functions supplied with two keys. When ordered with ACC functionality, the NTX600-ACC-Key Yale Accentra module is included in the box.

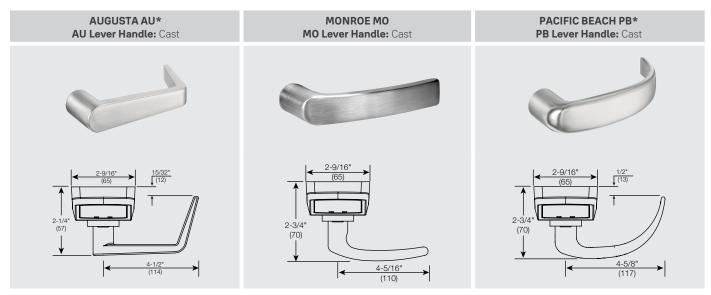
^nexTouch Accentra lock part numbers NTT613 & NTT623 can be used as a stand alone, keypad only function by removing the Accentra radio module from the lock. **These part numbers can NOT be upgraded for use with a Z-Wave compatible system.** 

<sup>\*\*</sup>Use DPS option code for Advanced Functions. An auxiliary Door Position Sensor (DPS) must be installed with the lock to enable both Escape Return and Privacy functions. If DPS is not included in the parts string, the Door Position Sensor will not be supplied with the lock. Note that selecting DPS option code will incur an upcharge. See current pricelist.

# Trim Designs



#### Exit Trim



<sup>\*</sup>Meets California State Reference Code for lever return

# Finishes



#### Exit Trim

ANSI/BHMA Code Finish Description								
605 Bright Brass, Clear Coated	613E Dark Oxidized Satin Bronze - equivalent	626 Satin Chrome Plated	BSP Black Suede Powder Coat					

# **Functions**

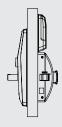


#### Exit Trim

#### NTT613 Pushbutton NTT623 Touchscreen

#### No Deadbolt With Cylinder Override

- For doors that require mechanical key override.
  Bolt retracted by pushbar on interior and lever on outside except when outside lever is locked.
- Key override unlocks the outside lever only.
- Deadlocking rim bolt.



Outside

Inside

40

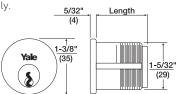


#### Exit Trim

#### Conventional Cylinders

Illinaturation	Illustration Cylinder Model Application		Ca	Length		
illustration	Number	Application	Cam	6-Pin	7-Pin	
Yale	2153	Standard cylinder	2160	1-1/8"	1-1/4"	

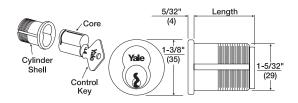
<sup>\*</sup>Contact Technical Product Support for cylinder collar requirements when ordering these cylinders separately.



#### Interchangeable Core Mortise Cylinders

Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
2196	Standard Cylinder	2160	1-1/2"	6	2221	1210
2197	Standard Cylinder	2160	1-11/16"	7	2213	1220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.



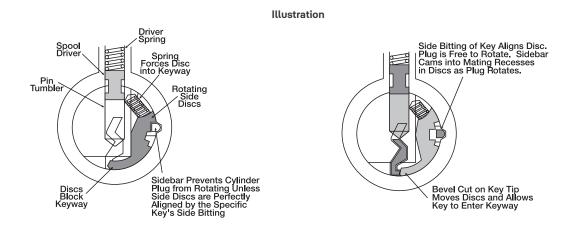


#### Exit Trim (Continued)

#### Security Cylinders

Security cylinders contain two independent locking mechanisms. The first is a traditional 6- or 7-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring-loaded and block the bottom of the keyway.



#### Security/High-Security Mortise Cylinders

Model Number	Amuliantiam	Com	Len	gth
Model Nomber	Application	Cam	6-pin	7-pin
5153	Standard Cylinder	2160	1-1/8" 1-1/4"	1-1/4"

#### Security Interchangeable Core Mortise Cylinders

Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
5196	Standard Cylinder	2160	1-1/2"	6	2221	5210
5197	Standard Cylinder	2160	1-11/16"	7	2213	5220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.



#### Exit Trim (Continued)

Other Manufacturers' Keyway Cylinders/Cores

Illustration	Model Number	Туре	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
Yale	A620	Small Format IC Mortise, includes Best® Keyway Core. Available keyed random,	KC1	1-1/4"	6	K660	A600
	, 1020	master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	1.01	1-3/8"	6 or 7	1,000	7.000
	2553	Fixed Core Mortise Schlage® "C" Keyway Cylinder. Available 0-bitted or keyed random.	2160	1-1/8"	6	N/A	N/A

#### Yale® KeyMark®

For those applications requiring protected key control, Yale® KeyMark® cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg® keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.

#### Protected Keyway Mortise Cylinders

Model Number	Туре	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
K100	Fixed Core Mortise	KC1	1-1/8"	6 or 7	N/A	N/A
K820	Large Format IC Mortise	KC1	1-1/2"	6	K860	K800
NOZO	Edige Format to Mortise	1.01	1-11/16"	7	NOCO	1,000
1/420	Small Format IC Martina	KC1	1-1/4"	6	K660	K600
NOZU	K620 Small Format IC Mortise	KC1	1-3/8"	6 or 7	KOOU	KOUU

# Cylinder Collars



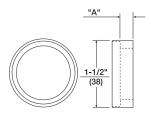
#### Exit Trim

Cylinder collars are supplied as standard where required with those locksets supplied with cylinders. Collar size and thickness are supplied to suit the length of the cylinder, the thickness of the door and the trim ordered. (If door thickness is not specified, collars will be furnished for 1-3/4" (44mm) door.)

Collar length required must be specified for cylinders and/or housings ordered separately.

#### 1765 Recessed Cylinder Collar

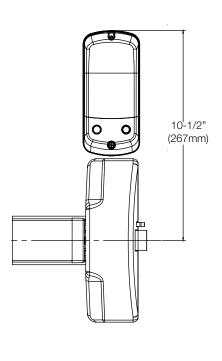
**"A"** Dimension: Thicknesses available in 1/16" (2mm) increments from 1/16" (2mm) to 1-15/32" (37mm) as required. **Material:** Brass, Stainless Steel

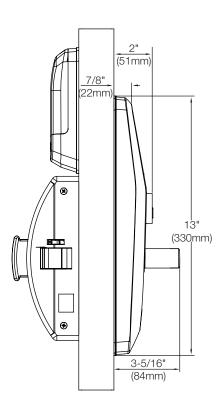


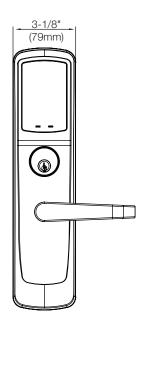
# Dimensions and Compatible Exit Devices



#### Exit Trim







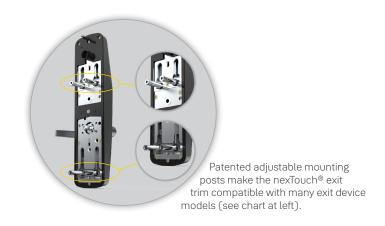
Dimensions given in inches (mm).

#### Compatible Exit Devices

Thanks to its patented adjustable mounting posts, Yale nexTouch® exit trim is compatible with several makes and models of exit devices right out of the box, without the need for separate mounting hardware. Check the chart below to see if yours is a fit.

Manufacturer	Model/Series Number*
Arrow	3880, S1250
Corbin Russwin	PED/ED5200, PED/ED5200S
Dorma	9300
Falcon®	25
SARGENT	PE8800/8800
Von Duprin®	98, 99
Yale	1800, 2100/2150, 6100/6150, 7100/7150

<sup>\*</sup>Compatible with rim device only. Please contact Technical Product Support for more information.



# Compatible Exit Devices



#### 7000 Series Architectural Exit Device





The Yale 7000 Series delivers an unparalleled combination of durability, innovation and aesthetics.

#### **Features**

- Premium exit device with hIgh quality steel chassis and heavy-duty components
- Sleek design with a variety of finish options
- ANSI/BHMA Grade 1 Certified
- UL/cUL listed for panic and fire doors



#### Finishes

#### **ANSI/BHMA Code** Finish Description 613E BSP 605 626 **Bright Brass, Clear Coated Dark Oxidized Satin Bronze -**Satin Chrome Plated **Black Suede Powder Coat** equivalent









#### How To Order

Model #	Size	Finish	Handing
7100F – Rim, fire-rated	36 – Door widths from 36" to 42"	605 – Bright brass	RHR
7150FWS – Squarebolt*, fire-rated	48 – Door widths from 42" to 48"	613E – Dark satin bronze equivalent	LHR
		630 – Satin stainless steel	
		BSP – Black suede powder coat	

# Compatible Exit Devices



#### 6000 Series Commercial Exit Device



The Yale 6000 Series offers clean, modern lines and smooth, quiet operation in any application.

#### **Features**

- Attractive modern design available in a range of finishes
- Uniquely engineered for smooth operation and noise reduction
- ANSI/BHMA Grade 1 Certified
- UL/cUL listed for panic and fire doors
- Ten-year mechanical warranty



#### Finishes

# ANSI/BHMA Code Finish Description 605 Bright Brass, Clear Coated Dark Oxidized Satin Bronze equivalent Satin Stainless Steel Black Suede Powder Coat

#### How To Order

Model#	Size	Finish	Handing
6100F – Rim device, fire-rated	36 – Door widths from 36" to 42"	605 – Bright brass	RHR
6150F – Squarebolt*, fire-rated	48 – Door widths from 42" to 48"	613E – Dark satin bronze equivalent	LHR
		630 – Satin stainless steel	
		BSP – Black suede powder coat	

# Compatible Exit Devices



#### 2100 Series Economy Exit Device

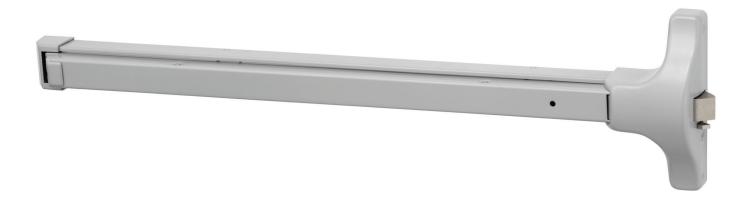




2100 Series Exit Devices from Yale feature sturdy construction for reliable function in economy applications.

#### Features

- Strong and reliable design meets the rigors of demanding environments
- High grade steel components
- ANSI/BHMA Grade 1 Certified
- UL/cUL listed for panic and fire rated doors
- Three-year mechanical warranty



#### **Finishes**

	ANSI/BHMA Code Finish Description	
613E Dark Oxidized Satin Bronze - equivalent	630 Satin Stainless Steel	BSP Black Suede Powder Coat

#### How To Order

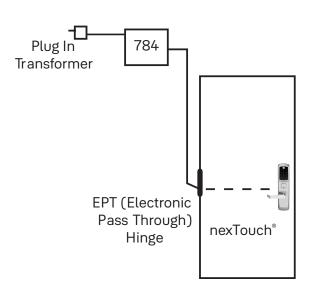
Model #	Size	Finish	Handing
2100F – Rim device, fire-rated	36 – Door widths from 36" to 42"	613E – Dark satin bronze equivalent	RHR
	48 – Door widths from 42" to 48"	630 – Satin stainless steel	LHR
		BSP – Black suede powder coat	

# Options and Accessories



#### **Exit Trim**

Model/Part Number	Description
784	Optional remote 9VDC power supply with plug-in wall transformer (used for hardwiring up to two nexTouch® locks).
WH-28	Remote power and request to enter wire harness.
NTX600-ACC-KEY	Yale Accentra™ module*
14-B600-0111-999	3-Wire Door Position Sensor



\*This technology module can be used to upgrade stand-alone nexTouch® locks for use in the Yale multi-family solution by enabling data-on-credential technology. This is included when ordering nexTouch® locks with ACC in the order string.



# Certifications and Listings



#### **Exit Trim**

#### ADA



The nexTouch® Series lever design meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, all requiring ease of accessibility.

#### ANSI/BHMA

nexTouch® exit trim certified ANSI/BHMA A156.3, Grade 1.

#### Fire Listings



Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes 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.

#### **FCC**

#### ISO 14001

Designed and manufactured under a certified ISO 14001 quality system.

#### Warranty

nexTouch® has a three-year limited warranty on the mechanical and electrical components, and a one-year limited warranty on the finish.

# Control Access to Resident Doors



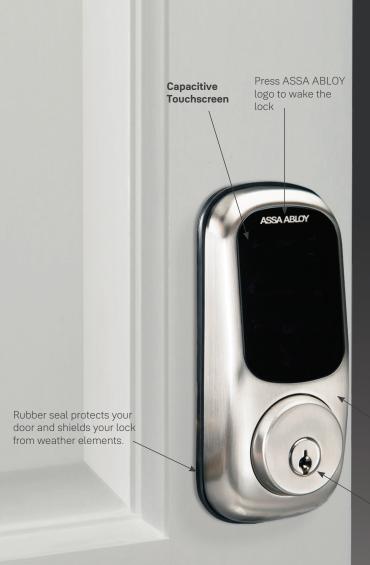
# nexTouch® Interconnected Lock





# **Technical Specifications**

Door Specifications	2-1/8" Face Bore, 1" Edge Bore, 4" or 5-1/2" Center to Center
Backset	2-3/8" (60mm) or 2-3/4" (70mm)
Door Thickness	1-3/8" (35mm) to 1-3/4" (44mm)
Handing	Field reversible
Latch Faceplate	1" (25mm) W x 2-1/4" (57mm) H; round corner standard, square corner available to order
Strike	2-1/4" (57 mm) full lip; round corner standard, other strikes available to order
Cylinder	KW-1 compatible standard, other cylinders/keyways available to order
Keying	KD (Keyed Different) standard, master keying available to order
Packing	Box pack
ANSI/BHMA	Certified ANSI/BHMA A156.12, Grade 2
UL/cUL	Listed for 90 minute fire doors
Warranty	3-year electronic and mechanical, 1-year finish
Environmental Specifications	Outside temperature range: -22°F to +140°F (-30°C to +60°C) Inside temperature range: 5°F to +158°F (-15°C to +70°C) Battery temperature range: -14°F to +131°F (-10°C to +55°C) Storage temperature range: -40°F to +85°F (-40°C to +85°C)
Power Source	Four AA alkaline batteries, included
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades





**Solid Metal Escutcheon** - Provides quality and durability

Emergency key override



**Privacy Button** - Prevents unwanted access from the outside at the touch of a button

Motorized tapered deadbolt with anti-cut hardened steel pin

Latchbolt and deadbolt are retracted simultaneously in a single motion for quick and easy egress

#### How To Order



#### Use this outline to build the model number for the nexTouch® Interconnected Lock you require.

Function	Technology	Lever	Center to Center	Cylinder	Latch	Finish**	Handing
NTC623 – Touchscreen interconnected lock	ACC – Data- on-Credential	AU – Augusta DE – Delaware MO – Monroe NW – Norwood PB – Pacific Beach VL – Valdosta	4 - 4" 5 - 5-1/2"	KA – KW keyed alike KD – KW keyed different PA – PARA keyed alike PD – PARA keyed different SA – SC keyed alike SD – SC keyed different SF – SFIC*	RC – Radius Corner SC – Square Corner	619 – Satin Nickel Plated, Clear Coated (US15) OBP – Oil Rubbed Bronze - Permanent (US10BP) BSP – Black Suede Powder Coat	RH LH

<sup>\*</sup>When ordering SFIC with the interconnected lock, the lock will ship with the SFIC cylinder housing factory installed and it will ship less cylinder.

#### Build Your Order String

Quantity	Function	Technology	Lever Design	Center to Center	Cylinder	Latch	Finish	Handing
Example:	NTC623	ACC	NW	4	KD	RC	619	RH

#### Notes:

- The nexTouch® interconnected lock comes standard with three latches:
  - One adjustable backset deadbolt latch
  - One 2-3/8" backset lever latch
  - One 2-3/4" backset lever latch
- Non-standard latches must be ordered separately.
- Latches shipped as radius corner unless otherwise specified. See options for availability.
- All master key, builder key or keyed alike requests must be added to the order as a note.
- BSP locks ship with BSP finished installation hardware.

#### Packing

Each box includes a paper door marker, combination wood and machine screws, four AA Alkaline batteries, Allen wrench, lever removal tool, hardware accessories, cylinder functions supplied with two keys, and easy-to-follow installation and programming instructions.

<sup>\*\*</sup>Split finish can be ordered by specifying outside finish/inside finish, e.g. 619/0BP would result in all exterior hardware in 619 and all interior and strike hardware in 0BP

# nexTouch® Interconnected Lock



#### Lever Designs



#### **Finishes**



BSP locks ship with BSP finished installation hardware.

#### **Functions**

#### **NTC623**

#### Passage with Touchscreen

- Uses nexTouch® touchscreen.
- Single point lock.
- Latchbolt retracted by lever outside with presentation of valid credential, with valid PIN code, or by operating lever inside.
- Deadbolt activated electronic touchscreen interaction or by key outside; inside by T-turn.
- Interior lever retracts latch and deadbolt simultaneously.



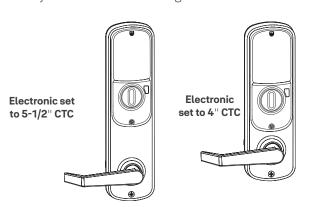
#### **Dimensions**



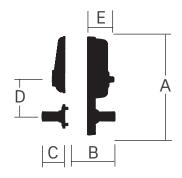
#### Center to Center Dimensions

#### **Electronic**

All electronic locksets available as 4" or 5-1/2" center to center dimension. Must be ordered this way from the factory and are not field changeable



#### **Product Dimensions**



	Dimensions							
Α	В	С	D	E				
10-5/8" 12-1/8"	2-5/8"	2-1/2"	4" 5-1/2"	2-13/16"				

# Cylinders

#### **Fixed Core**

Keyway	Description	Model Number	Number of Pins
Kwikset	Available KD, KA, MK	AYRD200-KW*	5
Yale® PARA	Available 0-bitted, KD, KA, MK, BK	YRLPARA*	6
Schlage® C	Available 0-bitted, KD, KA, MK	AYRD200-SC*	5

 $Note: Please\ indicate\ special\ keying\ requests\ such\ as\ builder\ keying\ (BK)\ or\ master\ keying\ (MK)\ on\ your\ order.$ 

#### Interchangeable Core

When ordering SFIC with the interconnected lock, the lock will ship with the SFIC cylinder housing factory installed and it will ship less cylinder. Cores can be ordered separately using model numbers A600 or K600.

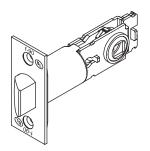
<sup>\*</sup>Specify finish and keying.

# Latchbolts



#### Lockset Latches

Plain latchbolts are supplied for the lockset of the interconnected lock.



Plain							
Part No.	Front	Backset	Front Width	Throw	Latch Diameter*		
YR01802*U	Round	2-3/8" (60mm)	1" (25mm)	1/2" (13mm)	7/8" (22mm)		
YR01804*U	Square	2-3/8" (60mm)	1" (25mm)	1/2" (13mm)	7/8" (22mm)		
YR01806*U	Round	2-3/4" (70mm)	1" (25mm)	1/2" (13mm)	7/8" (22mm)		
YR01808*U	Square	2-3/4" (70mm)	1" (25mm)	1/2" (13mm)	7/8" (22mm)		

<sup>\*</sup>Specify finish when ordering:

619

10BP

BSP

Note: All latchbolts are only available with flat fronts, not recommended for beveled doors. 1-1/8" latch filler provided.

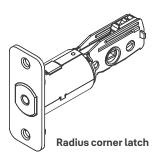
#### Deadbolt Latches

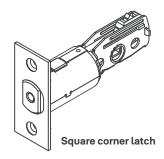
Adjustable backset deadbolt latches are supplied standard for the deadbolt of the interconnected lock.

Model No.	Description	Front	Backset	"W" Front Width	Throw
AYRDB-R90 *	Adjustable deadbolt latch	Round	Adjustable^	1" (25mm)	1" (25mm)
AYRDB-SQ90*	Adjustable deadbolt latch	Square	Adjustable	1" (25mm)	1" (25mm)

<sup>\*</sup> Specify finish (619, 10BP, BSP)

<sup>^</sup>Adjustable between 2-3/8" and 2-3/4"



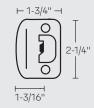


#### Strikes



nexTouch® interconnected locks are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt and deadbolt. All strikes are reversible. Strikes are fabricated of either brass, bronze or stainless steel, depending on the lockset trim finish. When ordering strikes separately, please specify the finish required.

#### Lockset



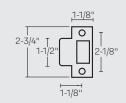
# Model No. YR02000\* Full Lip Strike Radius Corner

Standard. Plastic strike dust box available separately.



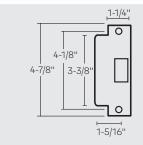
# Model No. YR02001\* Full Lip Strike Square Corner

Optional. Plastic strike dust box available separately.



#### Model No. YR02020\* T-Strike

Optional. Plastic strike dust box available separately.



Model No. YR02030\* ANSI 4-7/8 Strike

Optional. Plastic strike dust box available separately.

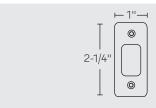


#### Model No. YR026003 Plastic Strike

**Dust Box** 

Available separately.

#### Deadbolt



Model No. AYRD-SCREW\* Deadbolt Strike Radius Corner with Screw Pack

Standard.



# Model No. YR02086\* Universal Deadbolt Strike Square Corner

Optional strike available for all mechanical units. Plastic strike dust box available separately.

\* Specify finish when ordering strikes separately: 619

10BP

Note: See Yale Commercial price catalog for additional optional deadbolt strikes.

# Notes



# Control Access to Resident Doors



# nexTouch® Digital Deadbolt



### **Technical Specifications**

	cerment opecations				
Door Specifications	2-1/8" face bore, 1" edge bore				
Backset	2-3/8" or 2-3/4" backset				
DoorThickness	1-3/8"* to 2-1/4"  * Thin door kit required for 1-3/8" thick doors				
Handing	Auto handing after installation				
Latch	2-3/8" to 2-3/4" adjustable				
Latch Faceplate	1" x 2-1/4" RC (round corner)				
Strike	1-1/8" x 2-3/4" RC (round corner)				
Cylinder	KW-1 compatible standard, other cylinders/keyways available to order				
Keying	KD (Keyed Different) standard, master keying available to order				
Packing	Box pack				
ANSI/BHMA	Certified ANSI/BHMA A156.36, Grade 2				
UL/cUL	Functions are UL - cUL Fire Listed for use on fire doors having a rating up to and including 90 minutes				
Warranty	3-year electronic and mechanical, 1-year finish				
Environmental Specifications	Outside temperature range: -22°F to +140°F (-30°C to +60°C) Inside temperature range: 5°F to +158°F (-15°C to +70°C) Battery temperature range: -14°F to +131°F (-10°C to +55°C) Storage temperature range: -40°F to +85°F (-40°C to +85°C)				
Power Source	Four AA alkaline batteries, included				
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials				
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades				



**Note**: Mechanical locks, including levers, are sold separately.

#### How to Order & Finishes



#### How To Order

#### Use this outline to build the model number for the nexTouch® Digital Deadbolt you require.

Function	Technology	Cylinder <sup>1</sup>	Finish
NTD623 – Touchscreen deadbolt	ACC – Data-on-Credential	Standard - KR Keyed Random KA – Keyed Alike OB - O-Bitted (Schlage and PARA only) MK - Master Keyed CMK - Construction Master Keyed (PARA only)	619 – Satin Nickel Plated, Clear Coated (US15) OBP – Oil Rubbed Bronze - Permanent (US10BP) BSP – Black Suede Powder Coat

<sup>1.</sup> SFIC cylinder housing can be ordered using part number AYRD220-1. Please specify finish. SFIC housing ships separately as an accessory, is supplied less cylinder, and must be field-installed.

#### Build Your Order String

Quantity	Function	Technology	Cylinder	Finish
Example:	NTD623	ACC	KD	619

#### **Finishes**



#### Votes:

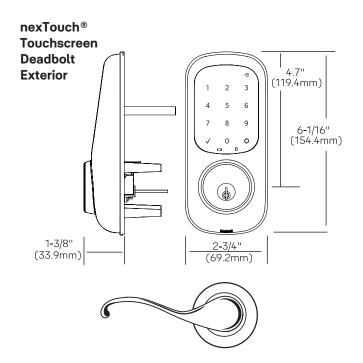
- The nexTouch® digital deadbolt comes standard with a round corner adjustable deadbolt latch. Non-standard latches must be ordered separately.
- Doors less than 1-3/4" thick require a thin door kit. See page 63.
- All master key, builder key or keyed alike requests must be added to the order as a note.
- BSP locks ship with BSP finished installation hardware.

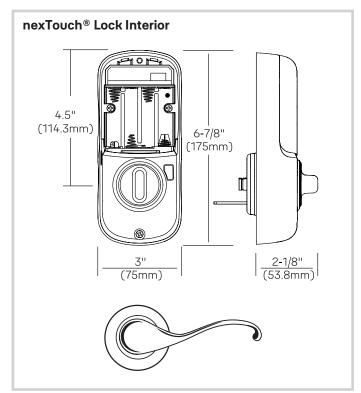
#### Packing

Each box includes a paper door marker, combination wood and machine screws, four AA Alkaline batteries, strike plate, cylinder functions supplied with two keys, and easy-to-follow installation and programming instructions.

# Dimensions









#### **Fixed Core**

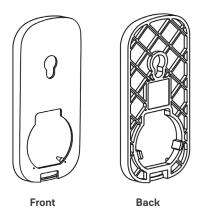
Cylinder	Description	Model Number	Number of Pins
Kwikset	Available KR, KA, MK	3809-1785*	5
Yale® PARA	Available 0-bitted, KR, KA, MK, BK	1809-178S*	6
Schlage® C	Available 0-bitted, KR, KA, MK	2809-178S*	5

Note: Please indicate special keying requests such as builder keying (BK) or master keying (MK) on your order. \*Specify finish.

# Thin Door Kit

Part Number: TDT226

Thin door kit required for doors under 1-3/4" in thickness.



#### Strikes



#### Deadbolt



#### Model No. 498\* Deadbolt Strike Radius Corner with **Screw Pack**

Standard strike.

Specify finish when ordering strikes separately:

- "6" 619
- "B" 10BP

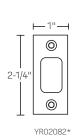


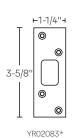
#### Model No. 499\* Universal **Deadbolt Strike Square Corner**

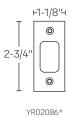
Optional strike available for all electromechanical units. Plastic strike dust box available separately.

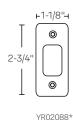
Note: BSP locks ship with BSP finished installation hardware.

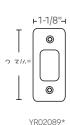












YR02089 comes with an additional Security back plate and 2 ea. 3" screws.

# Latchbolts



#### **Deadbolt Latches**

Adjustable backset radius corner deadbolt latch is supplied standard. Square corner latch and strike plate must be ordered separately.



Model No.	Description	Front	Backset	"W" Front Width	Throw
698R*	Adjustable deadbolt latch	Round	Adjustable^	1" (25mm)	1" (25mm)
699A*	Adjustable deadbolt latch	Square	Adjustable	1" (25mm)	1" (25mm)

<sup>\*</sup> Specify finish (619, OBP, BSP). BSP finished hardware ships with 10BP strikes and BSP latch.

<sup>^</sup>Deadbolt latches are adjustable between 2-3/8" and 2-3/4". Drive-in not pictured.

# Suiting Your Hardware



nexTouch® is available in unique finishes that suite through your facility no matter which door you're outfitting. See the matrix below to reference similar matches across product lines.

Finish	Black Suede Powder Coat	Satin Nickel Plated, Clear Coated	Satin Chrome Plated	Satin Stainless Steel	Dark Oxidized Satin Bronze Equivalent	Oil Rubbed Bronze	Bright Brass,Clear Coated
Code	BSP	US15	626	630	613E	OBP	605
nexTouch® Products (Cylindrical, Mortise, Exit Trim)	X		X		X		Χ
Exit Devices	X			Χ	X		X
nexTouch® Products (Deadbolt and Interconnected)	×	×				X	



# Notes





#### Trusted every day

#### **Technical Support**

(troubleshooting, product use and application, returns) Tel: 800.810.WIRE (9473)

Email: 800810WIRE@assaabloyusa.com

#### **Customer Support**

(orders, product configuration, pricing, lead-time)

Tel: 866-889-6242, select Option 2

Fax: 203-603-5981

Email: ESS.Orders@assaabloy.com

#### Contact Us

#### U.S.A.

Yale Locks & Hardware

Address: 225 Episcopal Road Berlin, CT 06037-4004 Tel: 1-800-438-1951 Fax: 1-800-338-0965 us.yalehome.com yalecommercial.com

#### Canada:

**ASSA ABLOY Door Security Solutions Canada** 

Address: 160 Four Valley Drive Vaughan, Ontario L4K 4T9 Tel: 1-800-461-3007 Fax: 1-800-461-8989 assaabloydss.ca

#### International:

**ASSA ABLOY Americas International** 

Tel: 1-905-821-7775 Fax: 1-905-821-1429 assaabloyai.com THE YALE BRAND, with its unparalleled global reach and range of products, reassures more people in more countries than any other consumer locking solution.

**THE ASSA ABLOY GROUP** is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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