



YRD510-MT1 Keyed Deadbolt Installation Guide



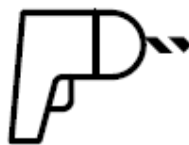
Notice: Before installing your lock, be sure to follow the steps on the yellow Quick Start Guide.

Tools Needed



Standard Phillips
Head Screwdriver

Tools Needed To Adjust An Existing Door or Prep a New Door



Drill



Utility
Knife



Pencil



Wood
Mortise Chisel



Tape
Measure



Level

Failure to follow these instructions could result in damage to the product, voiding the factory warranty and could lead to failure of the product to provide access.

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In The Box



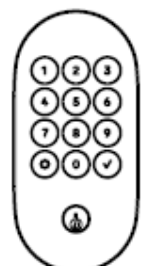
Yale Smart Module
(with select models)



Battery Cover



x4
Batteries



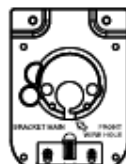
Exterior Keypad



Interior Lock

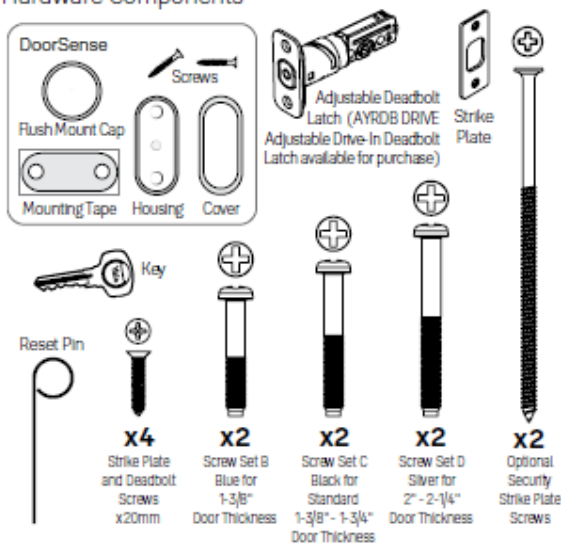


Guide



Mounting Plate

Hardware Components



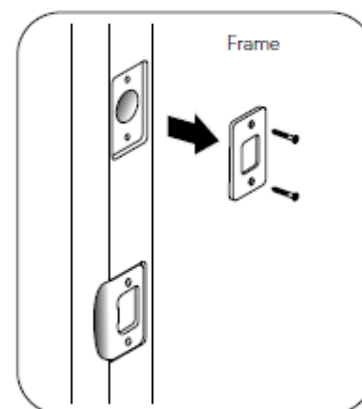
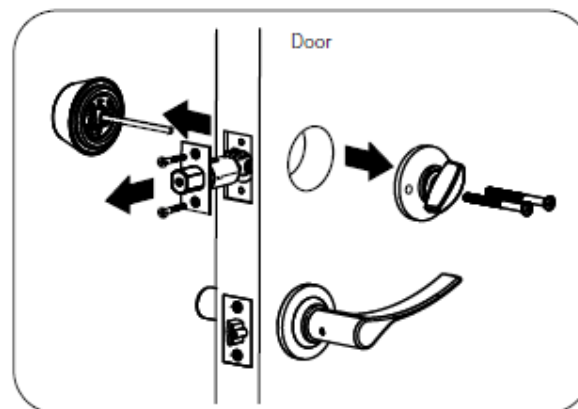
Note: You must use the provided screws from the hardware pack when installing this lock.



1 Remove Existing Deadbolt



Keep your old deadbolt until your new lock has been successfully installed.



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Check Door Measurements and Adjust If Needed

Check Door:

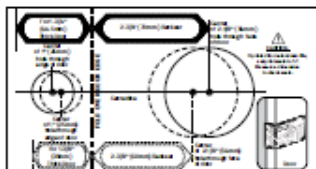
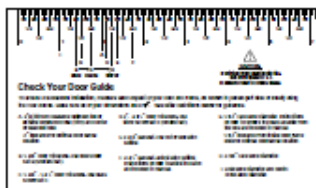
Tear off the Door Checker page of this guide and follow instructions to verify your door measurements and make any needed adjustments.



Note: There are some cases where existing holes cannot be adjusted to be compatible.

New Door:

Tear off the Template page of this guide and use either 2-1/8" or 1-1/2" template to prepare a new door that has no holes or to adjust existing holes to be compatible.



Verify Measurements with the Check Your Door Guide

Measure Clearance

✓ Greater than A

X Less than A
(Your door is not a match for a Yale smart lock)

Measure Door Thickness

✓ B, C, or D

X Less than B
(Your door is not a match for a Yale smart lock)

X Greater than D
(Your door is not a match for a Yale smart lock)

Measure Backset

✓ Equals E or F

X Less than E or F
(Your door is not a match for a Yale smart lock)

X Greater than E or F
(Your door is not a match for a Yale smart lock)

Backset
2-3/8" (60mm)
or
2-3/4" (70mm)

Measure Face Bore

✓ Equals G or H

X Less than G
(Adjust diameter to G or H)

X Greater than H
(Your door is not a match for a Yale smart lock)

2-1/8" (54mm)
OR
1-1/2" (38mm)

Measure Cross Bore

✓ Equals I

X Less than I
(Adjust diameter to 1")

X Greater than I
(Your door is not a match for a Yale smart lock)

1" (25mm) Dia.

Measure Strike Pocket Diameter and Depth

✓ Equals I

X Less than I
(Adjust diameter and depth to 1")

X Greater than I
(Your door is not a match for a Yale smart lock)

1" (25mm) Dia.
1" (25mm) Deep

Recommended Location of DoorSense

✓ A: Within 2" of Yale logo on battery cover.

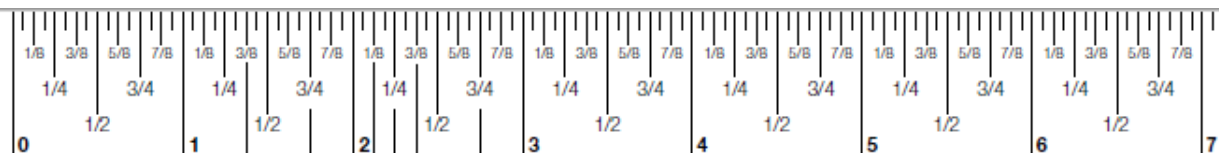
✓ G: Within 1-1/2" from inside frame edge.

1-1/2" (38mm)
2" (51mm)

Cut Here

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B → C → D
Blue Black Silver



CAUTION:
If printed from electronic file,
set print scale to 1:1.
Measure ruler to check scale.

Check Your Door Guide

To ensure a successful installation, measure each aspect of your door and frame, as shown in panels (left side of sheet) using the ruler above. Make sure all of your dimensions are a ✓. See letter definitions below for guidance.

A. 2" Minimum clearance between top of existing lever/knob rose (trim) and center of deadbolt hole.

D. 2" - 2-1/4" Door Thickness; use silver Screw Set D (longest set).

G. 1-1/2" Face Bore Diameter. Instructions on how to remove the black adapter from the lock are included in manual.

2" tolerance for optimal Door Sense location.

E. 2-3/8" Backset; use Out of Box latch setting.

1-1/2" tolerance from inside door frame edge for optimal DoorSense location.

B. 1-3/8" Door Thickness; use blue Screw Set B (shortest set).

F. 2-3/4" Backset; adjust latch setting. Instructions on how to adjust the latch are included in manual.

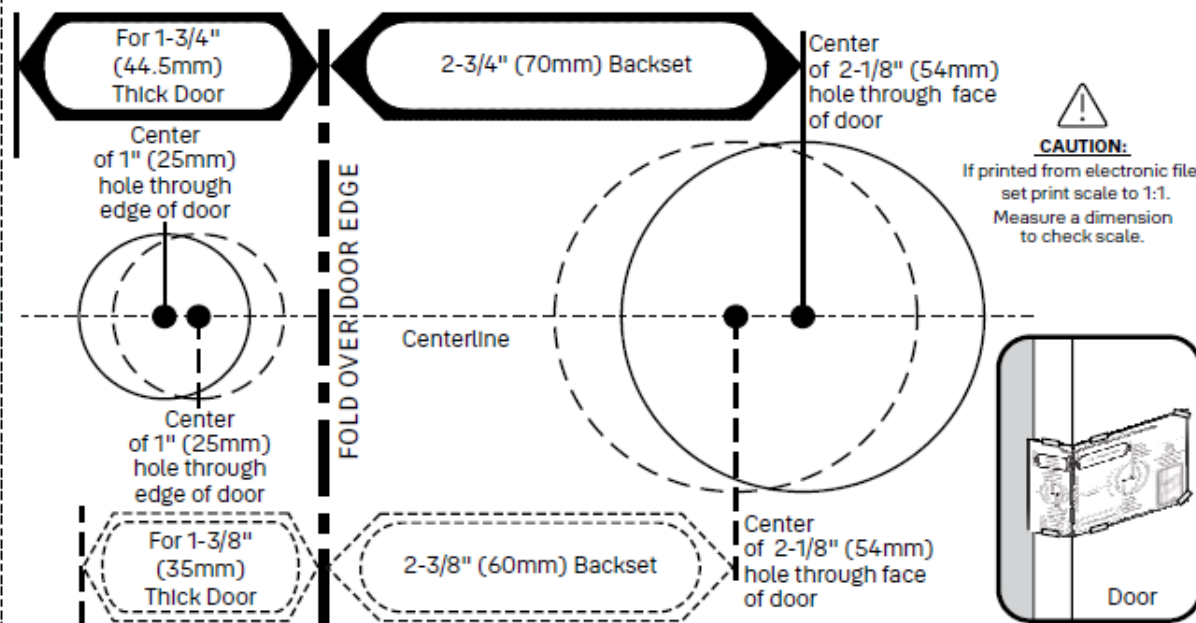
H. 2-1/8" Face Bore Diameter.

C. 1-3/8" - 1-3/4" Door Thickness; use black Screw Set C.

I. Edge Bore Diameter and Depth. Cross Bore Diameter.

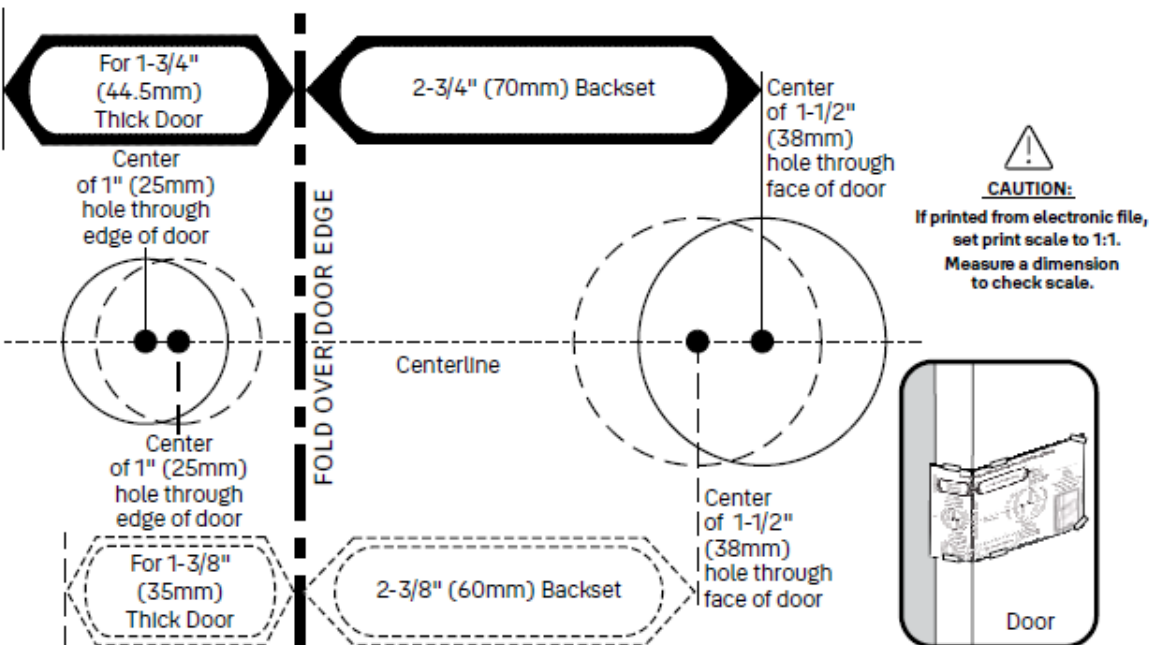
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Template to Mark a Door for 2-1/8" Face Bore



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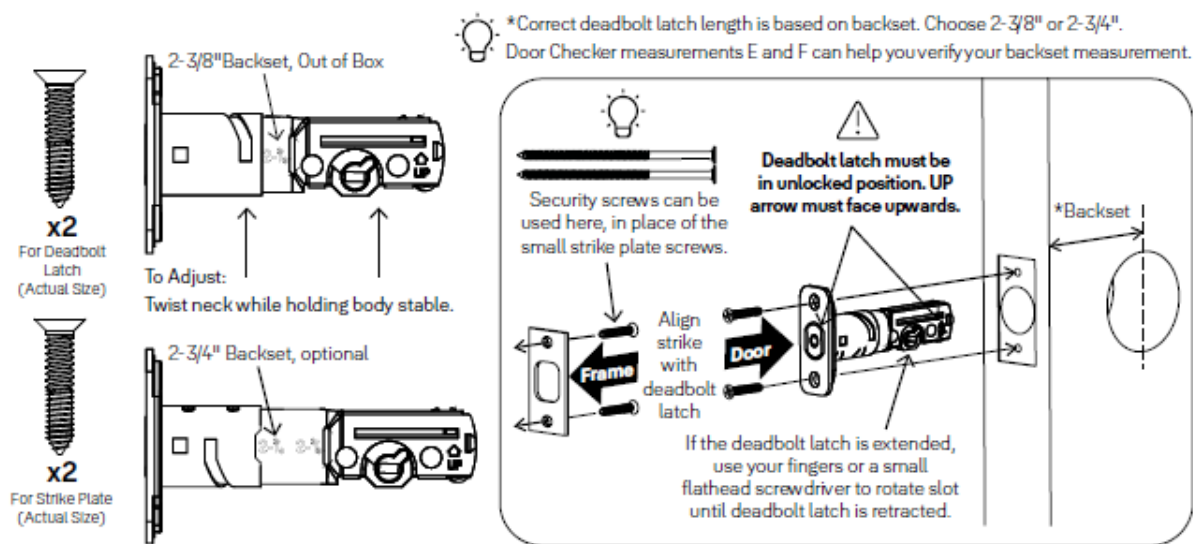
Template to Mark a Door for 1-1/2" Face Bore



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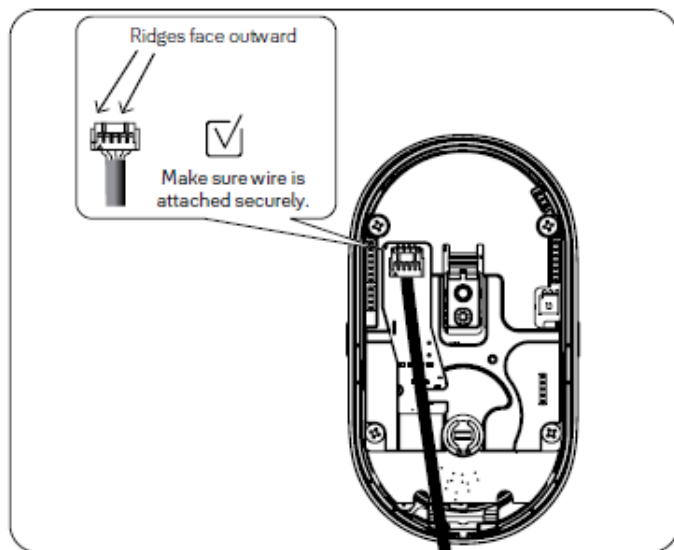
Install Deadbolt Latch and Strike Plate



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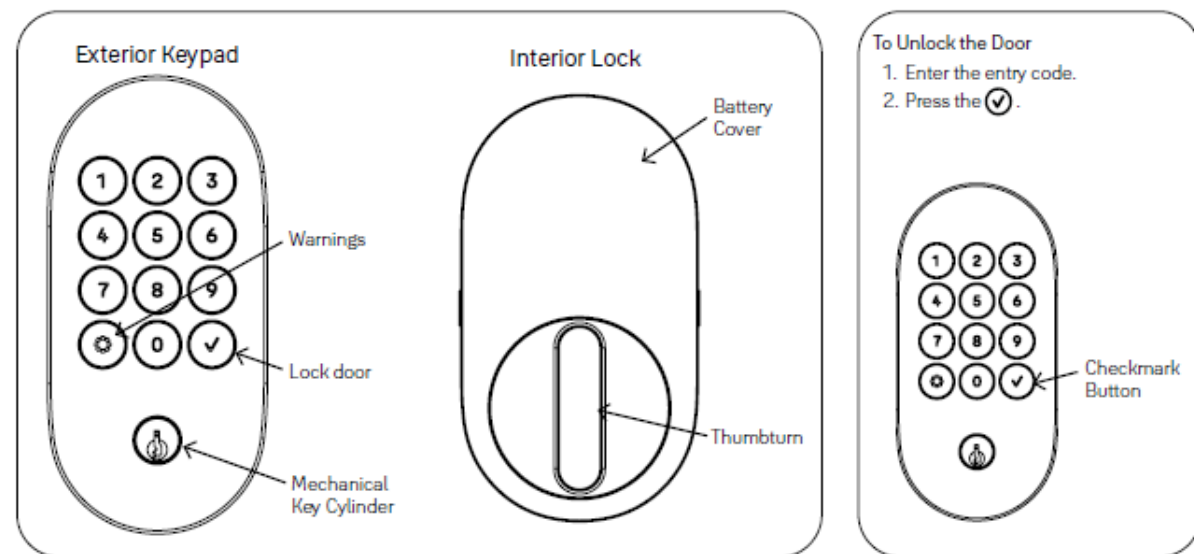
Attach Wire to Inside of Interior Lock



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Using Your Lock



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Features

Feature	Description
 DoorSense	<ul style="list-style-type: none">DoorSense tells you if your door is closed or open.Note: You can only ask a Voice Assistant if the door is locked or unlocked.
 Entry Codes	<ul style="list-style-type: none">Entry Codes are used to unlock your door.Create entry codes from the "Guest List" screen in our app.You can set the entry code to work permanently, recurring, or on a temporary schedule.An unlimited number of entry codes can be created or deleted at any time.
 Auto-Lock	<ul style="list-style-type: none">Auto-Lock automatically locks your door for you.It can be set to lock on a timer, as short as 30 seconds, or as long as 30 minutes.When using the Auto-Lock feature with the DoorSense, your door will not lock until it is in the closed position.Auto-Lock can be set up in the lock settings of the app.
 Auto-Unlock	<ul style="list-style-type: none">Auto-Unlock knows when you arrive and unlocks the door as you approach.Auto-Unlock can be set up in the lock settings of the app.
 Passage Mode	<ul style="list-style-type: none">Use passage mode when you want to disable Auto-Lock for an extended period of time.Simply press the button on the inside of the lock to turn it on.To turn passage mode off, simply lock your door.
 Integrations	<ul style="list-style-type: none">Yale Access products work in harmony with some of your favorite smart home brands to make life more simple and secure.Integrations can be set up in the Yale Access App from the "Works With" screen.

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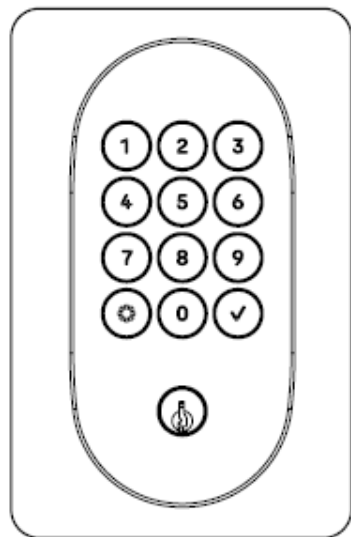
Setting Definitions

Setting	Default	Definition
Codes		
Programming Code	Automatically created by the Yale Access App	This code is used to access programming features: Handling, Smart Module Integration, and Diagnostics. This code cannot be used to unlock the door. Find your programming code in the Yale Access App, enter this code on the keypad and press the gear symbol.
Entry Codes		Entry codes can be created, from the Yale Access App, for users to allow them to lock/unlock the door from the lock keypad.
Security Settings		
Hide Entry Codes	Off	If turned on, all entry codes within the app will be hidden from view.
Verified Access	Off	If turned on, biometric/passcode authentication is required from the app to operate the lock.
Notifications		
Smart Alerts	Off	Create alerts you wish to receive from the app.
Automation		
Auto-Lock	Off	Door will automatically lock, either when door is closed (with DoorSense), or based on a timer.
Auto-Unlock	Off	Door will automatically unlock when you arrive home.
DoorSense	Must be installed	Allows you to know when your door is opened or closed.

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Keypad Alerts

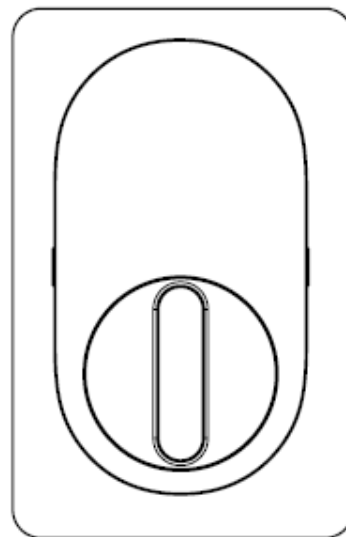


Keypad	Meaning
Gear flashes Amber	Low Battery Level 1
Gear flashes Red	Low Battery Level 2
Gear flashes Red then stays red until batteries are replaced	Low Battery Level 3
Checkmark flashes	Pairing Success
X then gear flashes Red	Jammed Lock
Gear flashes White	Pairing/successful pairing
Gear flashes Red during pairing	Failed Pair

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Interior Lock Light Alerts



Inside Lock Light	Meaning
Blue flashing	Low Battery Level 1
Blue flashing	Low Battery Level 2
Blue flashing	Low Battery Level 3
Pink flashing	Passage Mode enabled
Red flash	Locked state
Green flash	Unlocked state
Green 3 second solid	Pairing Success
Red 3 second solid	Pairing Fail

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Use:

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Apple®, Apple Home™, Apple Watch®, HomeKit®, and iPhone® are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

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Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

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The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by ASSA ABLOY Residential Group Inc. is under license. Other trademarks and trade names are those of their respective owners.

RF Exposure Statement :

FCC and IC RF Radiation Exposure Statement: This equipment complies with FCC and IC RF Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

RF du FCC et IC d'exposition aux radiations: Cet équipement est conforme à l'exposition de FCC et IC rayonnements RF limites é-tablies pour un environnement non contrôlé. L'antenne pour ce transmetteur ne doit pas être même endroit avec d'autres émetteur sauf conformément à FCC et IC procédures de produits Multi-émetteur.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

FCC:

FCC ID: MZR-YRD510 IC ID: 2676A-YRD510

FCC Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

Class B Equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning:

Changes or modifications to this device, not expressly approved by **Yale Home** could void the user's authority to operate the equipment.

Industry Canada:

FCC ID: MZR-YRD510

IC ID: 2676A-YRD510

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Yale Home

24/7 Support: 1-855-213-5841 • US.YaleHome.com

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P/N YRD450-N-MNL-0039 Rev A

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