Yale® Keyless Connected

User Guide



DO NOT FIT KEYLESS UNTIL DOOR INSTALLATION IS COMPLETE.
PLEASE READ THE INSTRUCTIONS BEFORE USING KEYLESS.

YD-01-CON-UG Rev. 001

The functions and design of this product can be changed without prior notice for performance and quality improvements.

INTRODUCTION

Thank you for choosing the Yale Keyless Connected product.

This new Smart Lock uses the latest technology to make your life easier

This user manual enables you to operate the product safely and to its full potential.

Please ensure you read it completely before using the Yale Keyless Connected Smart Lock

Keyless Helpline:
01902 364606

Email:
smartlocks@yale.co.uk

Website:
www.yale.co.uk

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Safety Precautions

Please read this carefully

Be careful not to let any unauthorized users discover your PIN code.

Please keep your PIN code safe.



To maintain the high quality finish, clean regularly with a soft damp cloth taking care not to scratch the finish.
Do not use any chemicals when cleaning as this may affect your warranty.



The Keyless Digital Lock requires you to place your palm on the touch screen.
This is a safety feature so finger prints showing the PIN code are wiped.



⚠ Caution Make sure to follow the above instructions to avoid any injuries or damage to the product .

Product Features

1. Electronic PIN Code System

You can open the door conveniently with up 20 configurable PIN codes, allowing Keyless access.

2. Smart Home Connectivity (Optional)

By adding the corresponding module, your Keyless lock can be integrated with your home automation system.

3. Key Fob Entry (Optional)

Up to 5 Yale key fobs can be assigned to allow the lock to be unlocked remotely.

4. RFID Card/Tag Entry

The door can be unlocked using a Mifare(TM) RFID Card

5. Emergency Backup

In the event of power failure in the lock, a 9 volt battery (PP3) can be connected to the front of the lock to provide backup power

6. Alarmed Unit

The Keyfree lock has a built in damage alarm, if the outer unit is seperated from the inner area a 50dB alarm will sound

Lock Overview

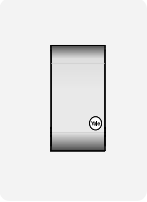
Basic Contents

The contents of this product may be subject to change without notice for performance or quality improvement.

Basic Contents



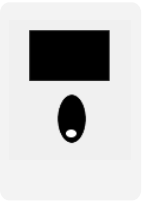
Front (Front Body)



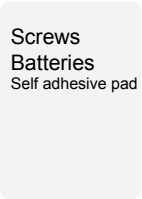
Back (Battery Pack)



Handing Plate



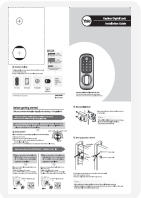
RFID Card & Tag



Accessories



User Guide

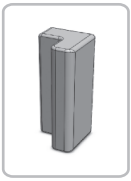


Installation Guide

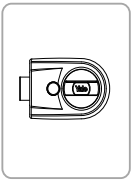
Optional Accessories



Key Fob
(Optional)



Home Automation
Module (Optional)



Yale Nightlatch

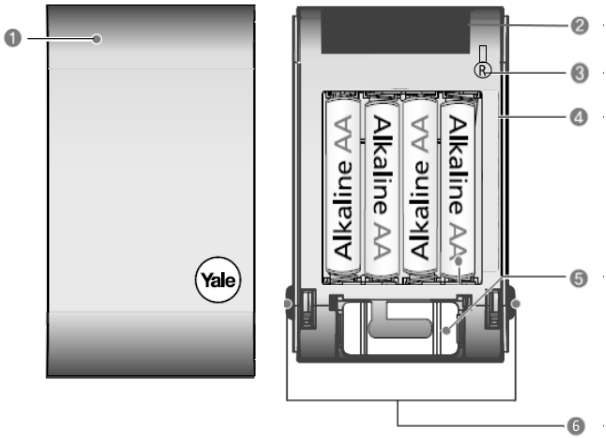
Lock Overview

Front (Front Body, installed on the outside of the door)



1	Keypad (10-Key)
2	* Button
3	Thumb Turn
4	Reset Button
5	Low Battery indicator
6	# Button
7	Emergency Power Supply Terminal

Back (Back Body, installed on the inside of the door)



1	Battery Cover
2	Slot for RF Module(Optional)
3	R Button
4	4 x 1.5V AA Alkaline Batteries
5	Fixing Plate
6	Cover release buttons, Press both to release

Changing Master Code

Registration

The master code is the main password to the lock. As well as allowing entry through the door, it is also used to configure the lock including adding and removing users.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you are setting the code for the first time the default is 123456.
Select the [1] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 1 to change the master code.
Enter a new master code			The master code must be 6 digits
Press the # button		3 tone ascending beep Followed by your new code being illuminated	This completes the master code setup.

Setting a User Code

The lock can hold up to 20 unique user codes, each one has a slot in the locks memory from 1 to 20. If a new code is written to a slot that already holds a code it will overwrite it. Because of this it is important to record which codes are stored in each slot. Please use the section in the back of the book to record this.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [2] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 2 to select the user code setup.
Press the [1] button and then #		2 tone beep after each button pressed	Option number 1 adds or modifies a user code
Enter the slot number for the user code followed by # key		2 tone beep	This is the number of the slot in memory where the code will be saved (1-20)
Enter the new user code followed by # key		3 tone ascending beep Followed by your new code being illuminated	The user code can be between 4-10 digits

To add multiple codes please complete the above instructions, record that the memory slot has been filled in the user code log at the back of this guide, then repeat this process.

Deleting a User Code

To stop a user having access their code will need to be deleted. Before doing this you will first need to know which slot in the locks memory their code is in. Please see the user code log at the back of the guide.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [2] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 2 to select the user code setup.
Press the [3] button and then #		2 tone beep after each button pressed	Option number 3 deletes a user code
Enter the slot number for the user code followed by # key		3 tone ascending beep	This is the number of the slot in memory where the code will be saved (1-20)

Setting a One Day Code

The one day code is a code that will automatically expire after 24 hours. This allows short term access to be granted to someone.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [5] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 5 to enter the one day code settings.
Enter the new user code		2 tone beep	The user code must be 4 digits
Press the # button to finish.		3 tone ascending beeps followed by your new code being illuminated	The code will now be active for 24 hours

Deleting a One Day Code

A one day code can be deleted if it is no longer wanted. If not it will expire at the end of the 24 hour period.

Step	Icon	Expected Feedback	Description
Press any button		Keypad will illuminate followed by 2 tone beep	Press any button on the keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [5] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 5 to enter the one day code settings.
Press the # button to finish.		3 tone ascending beep	Press the # to confirm code deletion.

Adding an RFID Card/Tag

The lock can hold up to 20 RFID cards or tags, each one has a slot in the locks memory from 1 to 20. If a new card/tag is written to a slot that already holds a tag it will overwrite it. Because of this it is important to record which cards/tags are stored in each slot. Please use the section in the back of the book to record this.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [0] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 0 to select the RFID card/tag setup.
Press the [1] button and then #		2 tone beep after each button pressed	Option number 1 adds an RFID card or tag.
Enter the slot number for the user code followed by # key		2 tone beep	This is the number of the slot in memory where the code will be saved (1-20).
Present the RFID Card/ Tag to to lock		Single tone beep followed by slot number illuminating	Hold an RFID card or tag against the keypad until you bear the beep.
Press # key		3 tone ascending beep	The card or tag is now added and will unlock the door.

To add multiple RFID cards/tags please complete the above instructions, record that the memory slot has been filled in the user code log at the back of this guide, then repeat this process.

Deleting an RFID Card/Tag

To delete a previously added tag follow the instructions below.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin.
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [0] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, choose option number 0 to select the RFID card/tag setup.
Press the [3] button and then #		2 tone beep after each button pressed	Option number 3 deletes an RFID card or tag.
Enter the slot number for the user code followed by # key		2 tone beep	This is the number of the slot in memory where the code will be saved (1-20).
Press # key		3 tone ascending beep	The card or tag is now deleted and will no longer unlock the door.

Register Key Fob

Yale key fobs allow you to open the lock at a distance of up to 15 meters. This requires both the Yale key fob and the corresponding lock module to work. Up to 12 key fobs can be registered on 1 lock, and like the user codes they each have their unique slot in the lock memory. Adding a new fob into a slot that already contains a fob will override it.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin.
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [3] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 3 contains the key fob settings.
Select the [1] button followed by # key		2 tone beep after each button pressed	This puts the lock into fob add mode.
Enter the slot number for the fob followed by #		2 tone beep	Select the number of the slot in memory where the fob will be saved (1-5)
Push both unlock buttons on key fob		Single beep	Press both buttons as shown in diagram below.
Press the # button to confirm.		3 tone ascending beep	The fob will now unlock the lock.



Delete Previously Paired Key Fob

If a key fob is lost or stolen it can be removed from the lock so that it can no longer be used to open it.

Step		Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin.
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [3] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 3 contains the key fob settings.
Press the [3] button followed by # key		2 tone beep after each button pressed	This puts the lock into fob delete mode.
Enter the slot number for the fob followed by #		2 tone beep, then 3 tone ascending beep	Select the number of the slot in memory where the fob is saved (1-5) The fob is now deleted.

Change PIN Re-lock Time

The re-lock time is the amount of time it takes for the external handle to disengage after the lock has been unlocked with a correct PIN. The default is 7 seconds.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin.
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [6] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 6 contains the key fob settings.
Input the re-lock time (7-60)			The re-lock time can be between 7 and 60 seconds.
Press the # button to finish.		3 tone ascending beep	The re-lock time will now be set.

Change Remote Re-lock Time

The lock can be set to unlock for longer periods of time unlocked remotely by a key fob or a home automation system.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin.
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [7] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 7 contains the key fob re-lock settings.
Input the re-lock time (10-90)			The re-lock time can be between 10 and 90 seconds.
Press the # button to finish.		3 tone ascending beep	The re-lock time will now be set.

Auto Re-lock On/Off

The lock can be toggled between two modes. With auto re-lock mode on the lock will automatically re-lock after the configured re-lock time. With auto re-lock mode off the lock will not re-lock until the keypad is awoken by placing your palm on it.

Step		Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [8] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 8 contains the silent mode settings.
Press [1] for auto re-lock on, or [3] for auto re-lock off.		2 tone beep	Select between the two modes
Press the # button to finish.		3 tone ascending beep	

Volume Mode

The lock can be toggled between three volume modes. In silent mode only programming beeps will be heard. In quite mode the keypad beeps will be quieter, in loud mode they will be loud.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Select the [8] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 8 contains the silent mode settings.
Press [1] to for silent mode, [2] for quite mode, or [3] for loud mode.		2 tone beep	Select between the three modes
Press the # button to finish.		3 tone ascending beep	

Smart Home
Lock Module

The Yale Keyfree lock can have a removable wireless communication module within the lock. This module is used for all wireless communications to both home automation systems and key fobs. In order to connect to a home automation system a new module may be required for the lock, however changing the module has the potential to disrupt the current wireless communications. For instance while a new module may allow the lock to connect to a home automation system, it could cause the key fob to stop working. An up to date list of compatible home automation systems and the corresponding lock modules is available at the following address on the Yale website:
www.yale.co.uk/en/yale/couk/smart-lock/Which-technology-is-for-me-/

Removing the module.

To find out which module is currently in your lock please follow the 'removing a module' instructions.

Step	Icon	Description
Remove inside cover		Press the two release buttons on the side of the battery pack and remove cover
Remove a battery from the lock		Remove any of the batteries to cut power to the lock.
Remove the module		The module is situated in the top left corner above the batteries. It can be unplugged by pulling it out.
Record module model number		The model number will be on a sticker on the module, and will enable you to find the current wireless compatibility of the lock.

Inserting a Module

Step	Icon	Description
Remove inside cover		Press the two release buttons on the side of the battery pack and remove cover
Remove a battery from the lock		Remove any of the batteries to cut power to the lock.
Insert the module		The module has 8 pins that are plugged into the small black connector above the batteries on the top left of the lock.

Smart Home

Connecting to a Home Automation System

Connecting to a home automation system is a two way process and may require the home automation system to be configured to look for a new device, please consult the manual that came with the system for more information.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Press the [4] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 4 contains the home automation settings
Press the [1] button followed by the hash key		2 tone beep after each button pressed	This will make the lock look for a compatible system
Please wait up to 60 seconds		3 tone ascending beep	The lock will now be linked to the home automation system.

Disconnecting from a Home Automation System

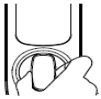
For security reasons a lock will not connect to a new home automation system if it is linked to another. If you have changed your home automation system please run through the disconnecting settings before adding the new one.

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter the master code, followed by # key		2 tone beep	If you have forgotten the master code please see the resetting the lock section of the manual.
Press the [4] button followed by # key		2 tone beep after each button pressed	You are now in the lock's menu, option 4 contains the home automation settings
Press the [3] button followed by the hash key		3 tone ascending beep	This will disconnect the lock from the previous system

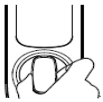
Opening the lock with a PIN code

Step	Icon	Expected Feedback	Description
Touch the Keypad with the palm of your hand		Keypad will illuminate followed by 2 tone beep	Touch the Keypad to begin
Enter a valid user code followed by the * key		3 tone ascending beep	The Thumb turn is now engaged and will allow you to open the door.
Open the Door			Turn the Thumb turn to open the door.

Opening the lock with an RFID Card/Tag

Step	Icon	Expected Feedback	Description
Present a valid RFID card or tag to the lock.		3 tone ascending beep	The Thumb turn is now engaged and will allow you to open the door.
Open the Door			Turn the Thumb turn to open the door.

Opening the lock with a Remote Key Fob

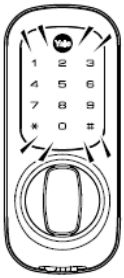
Step	Icon	Expected Feedback	Description
Press any button on a registered Key Fob		3 tone ascending beep	The Thumb turn is now engaged and will allow you to open the door.
Open the Door			Turn the Thumb turn to open the door.

Extra Features

Intrusion Alarm

Damage Alarm :

An alarm will sound if the outer unit is disconnected from the inner.



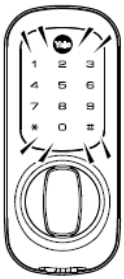
Extra Features

Incorrect PIN Lockout

For security if the wrong PIN is entered 5 consecutive times the lock will lockout for 3 minutes.
This is indicated by the number 3 on the keypad flashing.

To Release Lockout

Method
1. Press the [R] button inside of battery cover.
2. Press any key fob button



Emergency Power

Emergency Power Supply for Discharged Batteries

If the batteries in the lock have completely failed emergency power can be provided by a 9V battery on the front body.

To Supply Emergency Power

Step	Icon	Description
Contact the 9V battery		Place 9V battery onto the emergency power supply terminal
Touch the keypad with the palm of your hand		
Enter PIN code		Enter the registered PIN code in the keypad.
Press * button		Press * button to activate the outer Thumb turn.

Expiry Period

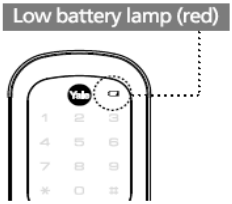
The product uses four 1.5V(LR6) alkaline AA batteries. The batteries will last approximately 1 year based on the lock being used 10 times a day. (Users are advised to use authentic alkaline batteries.)

Low Battery Alarm

You must replace all 4 batteries for the following cases:

* The Low Battery indicator on the front of the lock illuminates
* The Host connected system indicates a low battery in the lock

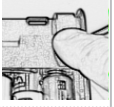
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE WASTE BATTERIES REGULATIONS.



The battery life varies according to ambient temperature, humidity, frequency of use and the quality of the battery.
Do not use rechargeable batteries. Only alkaline batteries are recommended.

Resetting the Lock

In the event of losing the master code to the lock, the lock will need to be reset back to factory default settings. This will mean that all previously configured user codes, key fobs, RFID tags, and home automation systems will stop working. It will also result in the master code being set to the factory default which is '123456'

Step	Icon	Description
Remove inside cover		Press the two release buttons to remove the cover of the lock on the inside of the door.
Remove a battery from inside the lock. Then remove the module.		Take out any battery to remove the power from the lock.
Press and hold the [R] button, Continue holding the button and insert battery.		
Wait for 30 seconds, a two tone sound will be heard.		Continue holding these buttons until the ready sound is heard
Release the [R] button		the master code is now set to 123456.

Specifications

Specifications

Parts	Specifications	Remarks
Front body	64mm(W) x 153mm(H) x 51mm(D) Zinc die-casting	Operating temperature : -15~55°C (5~131°F)
Battery pack	68mm(W) x 120mm(H) x 21mm(D) PC / ABS	
Knob handle	Zinc die-casting	
Battery	4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 1 year (Used 10 times a day)

※ Please make sure that all parts are included when purchasing the product.

Contact Details

Keyless
Helpline: 01902364606

Email: smartlocks@yale.co.uk

Website:
www.yale.co.uk



WEEE Note:
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check your local authority or retailer for recycling advice.

CE

Yale®

Warranty

2 Year Guarantee Statement

This product is guaranteed for consumers against faulty workmanship, materials and function for a period of 2 years from the date of purchase providing the full installation and maintenance instructions are followed. Please keep your proof of purchase safe, this must be submitted when making a claim under this guarantee.

Please note that it is a condition of this guarantee that your Yale product:

- Has been correctly installed and maintained in accordance with the Yale installation and maintenance instructions provided to you at the time of purchase.
- Has not been modified or damaged in any way.
- Has not been subjected to unauthorized repairs.

Yale are responsible under this guarantee for repairing the product or replacing the product as we deem necessary. If there is fault with the product, please contact Customer Services on 01902 364647, who will give you the name of an expert and confirm what you need to do to make a claim under this guarantee.

Please do not carry out any repairs without our authority or by using an unauthorised expert. Any repairs or other works carried out without our authorization or by using an unauthorized expert will not be covered under this guarantee.

This guarantee is non transferable and applies to products purchased in the United Kingdom only. This guarantee does not apply to normal wear and tear. This does not affect your statutory rights. A full copy of this guarantee is available upon request by writing to Yale UK, School Street, Willenhall, West Midlands. WV13 3PW or by visiting our website www.yale.co.uk.

User Code Log

Pin Codes

Slot Number	Name	Pin Code (Optional)
1		
2		
3		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

User RFID Card/Tag Log

Pin Codes

Slot Number	Name	Card/Tag Number
1		
2		
3		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Key Fob Log

Key Fob

Slot Number	Name
1	
2	
3	
4	
5	