CARBINE

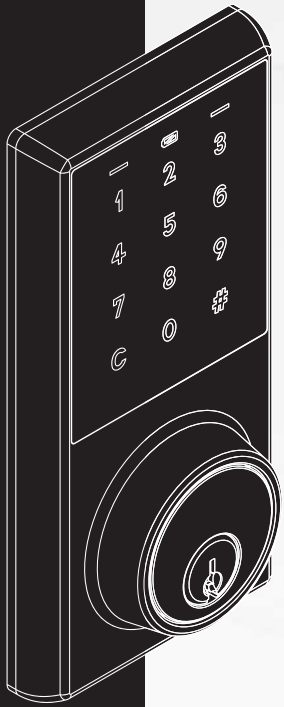
PRODUCT GUIDE

CARBINE CEL2 BT DEADBOLT

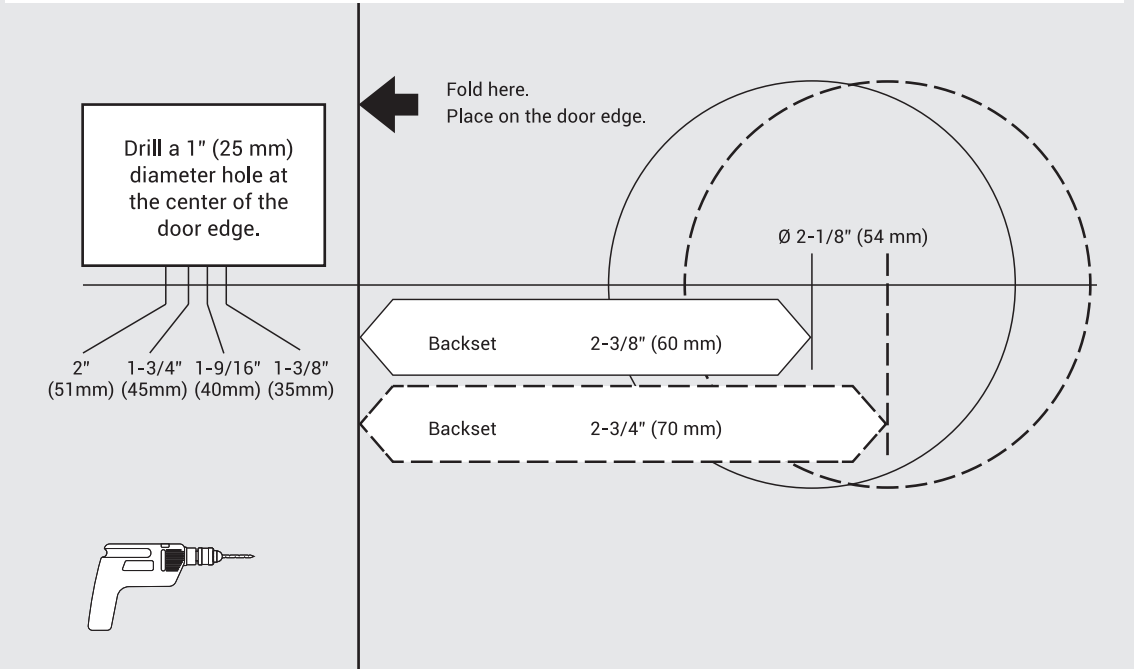
Quick Start Guide

Installation Instructions

User Guide



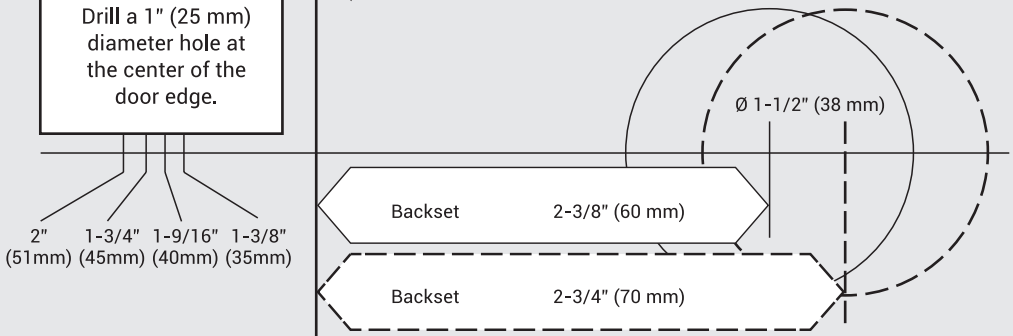
DO NOT PRINT AND USE THIS MOUNTING TEMPLATE. THIS IS FOR ILLUSTRATION PURPOSES ONLY. CONTACT CARBINE FOR ASSISTANCE.



NOTE:
MEASUREMENTS HERE ARE JUST A GUIDELINE.
Double check your product for the correct hole sizes.

Fold here.
Place on the door edge.

Drill a 1" (25 mm) diameter hole at the center of the door edge.



TEMPLATE

PLEASE READ ALL THE QUICK START GUIDE
BEFORE ATTEMPTING TO INSTALL OR PROGRAM THE LOCK.

QUICK START GUIDE - STEP 1

Congratulations!

Congratulations on purchasing your Carbine CEL2 BT (Bluetooth) electronic lock, with Bluetooth, Card, Pin and traditional key entry. **Access has never been easier.**

Let's get started, follow on with this Quick Start Guide to secure your premises with the Encrypted Bluetooth Carbine CEL2 BT Electronic lock. Proceed to step 2: ***Important Notice.***

IP54 Bluetooth NCC Compliant

QUICK START GUIDE - STEP 2

Important Notice

Read the important notice before attempting to install the CEL2 BT.

Please Read This Notice before Installing, Using, and Servicing the Product. The product is designed and manufactured for providing security. Please read carefully and follow the instructions given below. Lack of proper working knowledge or improper use could cause unexpected damage or loss to personal or commercial belongings.

Installation

- Please contact your local service provider prior to the installation as your door preparation may be different from the standard the product conforms to.
- Please perform the bolt direction determination **immediately after** the product is successfully mounted to the door. You may refer to the user's manual for more details .
- Please set the master code (admin code) to prevent unauthorised individuals from gaining access.
- Any removal or replacement of parts in installation is NOT recommended and may invalidate the warranty of the product.
- Not to be used on an Emergency Exit.

Product Use

- **ALWAYS use genuine alkaline batteries**. It is the user's responsibility for damage caused by using inauthentic batteries.
- The product is made of mechanical and electronic components, which may be sensitive towards water, physical impact, and electric shock. Using the product with

care prevents unexpected malfunction and optimises the product life span.

- DO NOT disassemble the product without advice from a qualified service provider. Unauthorised disassembly will void the product warranty.
- Please refer to the Troubleshooting section if any problem occurs, or contact your local service provider for professional instructions.
- Remove all batteries from the lock at the same time and replace them with new batteries of the same size and type.
- Preserve battery and lock life by removing the batteries when the lock is not being used for more than 3 months.

Service and Maintenance

- **ALWAYS** refer to user's manual or seek advice from your local service provider on cleaning, moving, or maintaining the product. The information in this notice is subject to change without notice.

Note: During step 4: Take a photo of your Pairing QR code and keep a copy in a safe place in case the QR code is removed or damaged as this is the only way to pair your lock.

If you are installing this lock into a commercial application e.g. a business application or short stay accommodation, we highly recommend removing the QR code label from your lock to avoid anyone else resetting and pairing the lock to a new app.

Proceed to step 3 to install your lock
"**Installation Instructions**"

QUICK START GUIDE - STEP 3

Installation Instructions

How to install your lock

Please scan the QR code for a direct link to our video installation instructions. Alternatively, see the written instructions in the back of this booklet “Installation Instructions”. Once your lock is installed, proceed to step 4 to Download, Install the App and pair your lock

SCAN HERE

dav.group/QQC9F

QUICK START GUIDE - STEP 4

Carbine Connect App

Download and Installing the Carbine Connect App and pairing your new CEL2 BT to the app.

GET IT ON Google Play

Download on the App Store

SCAN HERE

onelink.to/tyt74m

Note: Take a photo of your Pairing QR code and keep a copy in a safe place in case the QR code is removed or damaged as this is the only way to pair your lock. If you are installing this lock into a commercial application e.g. a business application or short stay accommodation, we highly recommend removing the QR code label from your lock to avoid anyone else resetting and pairing the lock to a new app.

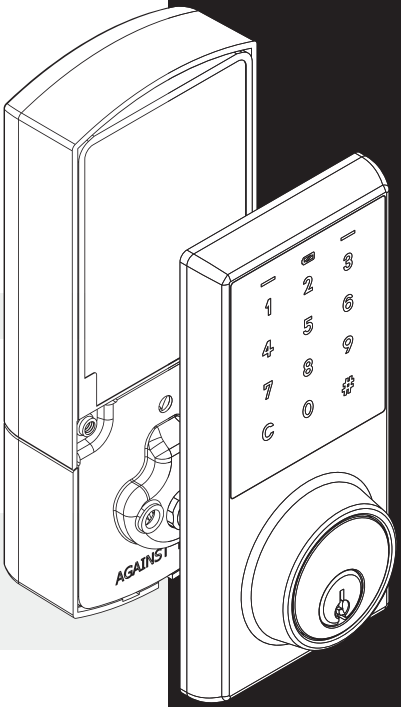
- Open the “Carbine Connect App”
- Create an account and log in
- Complete the tutorial via the on-screen prompts
- Add your first lock by selecting the “+” icon shown in the tutorial (accept all requested access including Bluetooth, Camera, Location and Photo Permissions)
- When prompted Scan the QR code on the back of the lock above the batteries
- Select “Installation instructions” for the video version of the instructions.
- Select: “Confirm” when you are finished with the video instructions and continue with the on-screen prompts

You must be in range and connected to the lock to be able to view/edit user/lock details.

This concludes the quick start guide.
Proceed to the next pages for the comprehensive **installation instructions, user guide, and troubleshooting guide.**

CARBINE CEL2
ELECTRONIC DIGITAL LOCK

INSTALLATION INSTRUCTIONS



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1 Safety Information

Read the precautions and instructions in this manual before installing and using this lock. Save this manual for future reference.

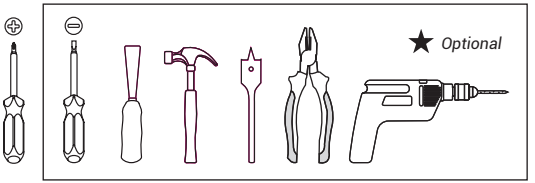
CAUTION
Please use four alkaline batteries for the best performance.
Do not install batteries until installation is completed

A. Do not attempt to disassemble any internal components of the lockset personally. Doing so will void the limited warranty.
B. Do not drop or hit the lockset. Too much shock may result in permanent damage.
C. Do not use pins or sharp objects to press on the keypad.
D. Always create a backup of information you want to keep (such as the admin code and user codes). Please use the second last page of this booklet as your reference.
E. Please set admin code before operating this lockset.
F. Be careful when installing the mounting plate and electrical cable as to not damage it - refer to section 4 - 2

CARE and MAINTENANCE
The following instructions should be followed to protect and maintain your lockset:

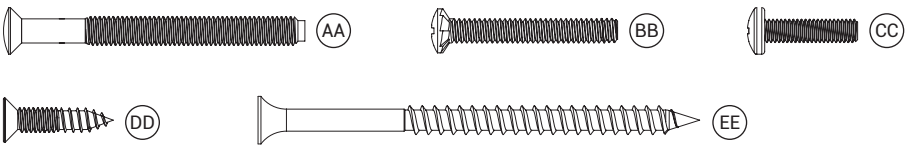
G. Remove locks, or do not install locks, prior to painting your door.
H. Periodically clean with mild soap and a soft cloth only.
I. Do not use any chemical products containing alcohol, benzene, hydrochloric acid or nitric acid, and avoid using sharp or abrasive objects to clean this lockset.
J. Do not let any water or liquid into the lockset during the installation process.

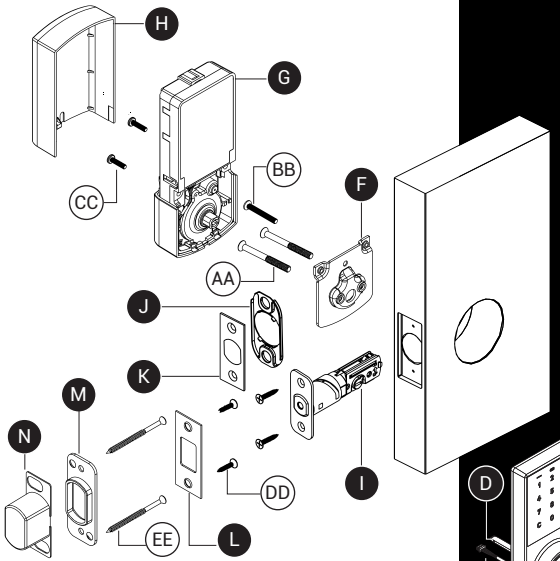
2 Pre-installation — Tools Required / Hardware Included



Part	Description	QTY
AA	2" (52mm) Mounting Bolt	2
BB	31-1/4" (32 mm) Screw	1
CC	3/4" (19 mm) Screw	2
DD	3/4" (19 mm) Wood Screw	4
EE	3" (76 mm) Wood Screw	2

WARNING
If the door needs to be drilled, be familiar with how to use your drill safely, and understand all the door preparation steps before proceeding.





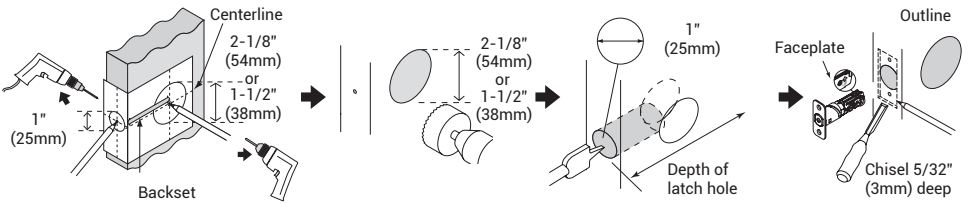
Part	Description	QTY
A	Key	2
B	Exterior Assembly	1
C	Cylinder	1
D	Tailpiece	1
E	Power Cable	1
F	Mounting Plate	1
G	Interior Assembly	1
H	Battery Cover	1
I	Latch	1
J	Bottom Plate (optional)	1
K	Square or Radius Faceplate (optional)	1
L	Strike Plate	1
M	Reinforced Strike Plate	1
N	Dust Box	1

3 Pre-installation (Continued) — Door Preparation

NOTE: If your door is pre-drilled, check the hole sizes to make sure they are the proper size. If they are the proper size, skip to the Installation section.

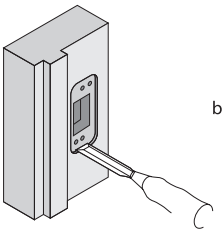
1 **Using the template, mark the door and drill the holes, and chisel out a mortice.**

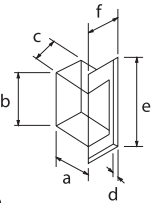
NOTE: Drill from both sides to prevent wood splitting.

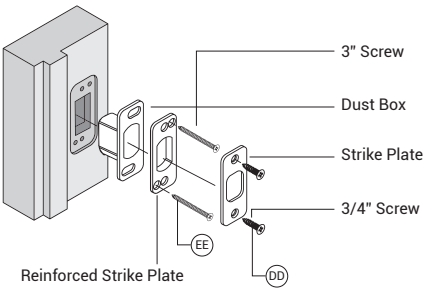


For 2-3/8" (60mm) backset: 3-7/16" (87 mm) or *For 2-3/4" (70mm) backset: 3-13/16" (97 mm)*

2 **Prepare the door jamb – using the strike plate as a pattern, drill the latch and screw holes, and chisel out a mortice until the strike plate fits flush.**





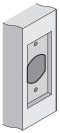


Door jamb hole dimension	
a.	1-3/16" (30mm)
b.	1-9/16" (40mm)
c.	1" (25mm)

Strike dimension	
d.	5/32" (4mm)
e.	2-3/4" (70mm)
f.	1-1/8" (28mm)

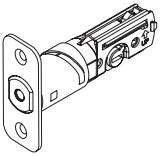
4 Installation

1 **Installing the latch**
A. Attach the correct faceplate



Edge of door

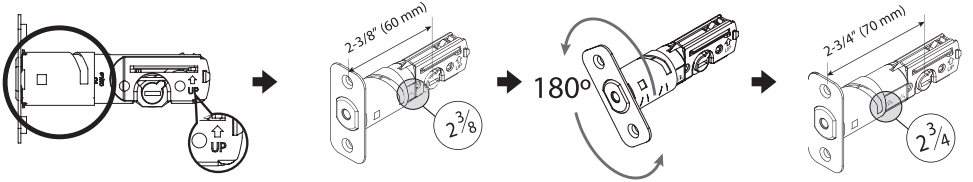
Faceplate



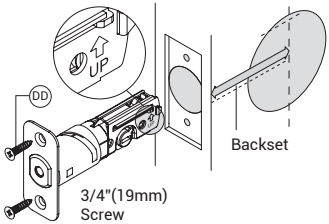
B. Set the latch backset

CAUTION
Be sure the latch cam is upright before making any backset adjustment.

For 2-3/4" backset.



C. Install the latch



Video Installation Instructions

Please scan the QR code for a direct link to our video installation instructions.

SCAN HERE

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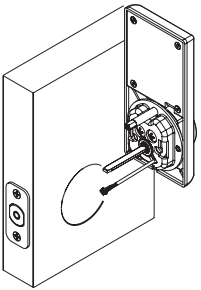
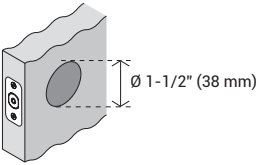
2

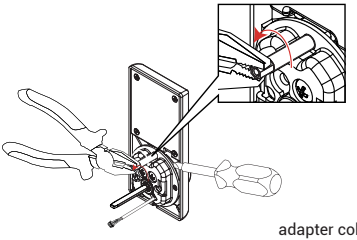
Installing the lock assembly
A. Door bore options

for Ø 2-1/8"

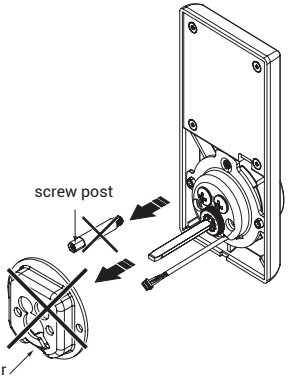


for Ø 1-1/2"

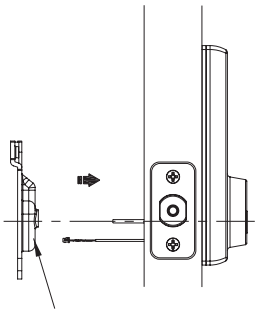




If your door has a 1-1/2"(38mm) bore hole, remove the screw post and the adapter collar before installation

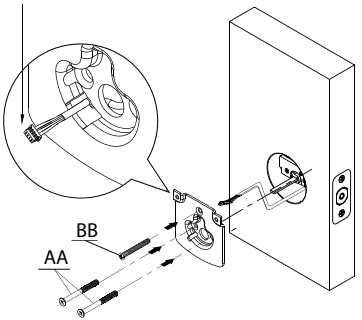


B. Install the lock assemblies



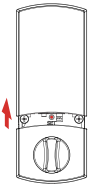
The bulged part of the mounting plate must face towards the door.

Slide the cable through the notch in mounting plate.

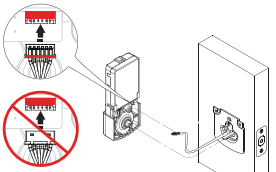


Screw BB is not required for Ø1-1/2"(38 mm

Remove the battery cover

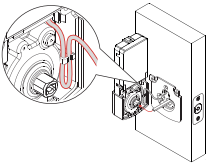


Connect the cable firmly into connector port .



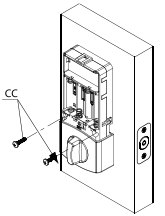
Note : The metal connector side should face outward.

The cable must be arranged as shown in the diagram



Warning : To avoid cable damage ensure the cable is held in the clip

Insert screws (2) and tighten



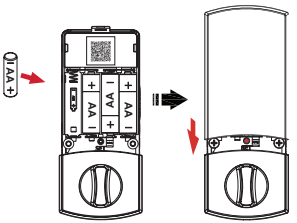
C. Install batteries, perform automatic bolt direction determination, and set admin code via pin or Carbine Connect App.

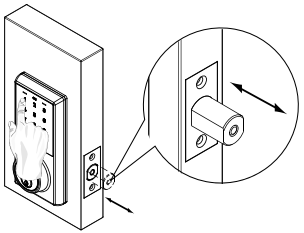
CAUTION

1. Please use four alkaline batteries for better performance.

2. Please set up the lock and perform bolt direction determination to complete the installation.

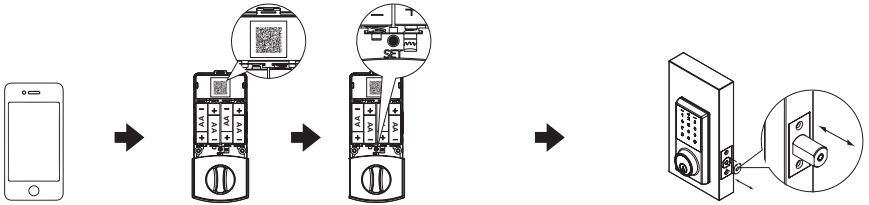
3. Do not continue to the User Guide section until you have set your admin code.





- Set Admin Code by entering 4-8 digits PIN code and press (#)
- Repeat Admin Code and press (#) to complete setup

OR



Download Carbine Connect App on the App Store and Google Play ..... Scan QR Code ..... Press [SET] button to start Bluetooth enrollment ..... Set Admin Code on APP and press Confirm ..... The lock will automatically set up bolt direction after Admin Code is set

CARBINE CEL2
ELECTRONIC DIGITAL LOCK

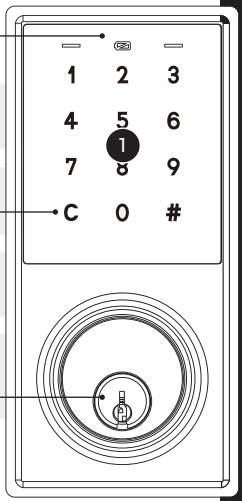
USER GUIDE

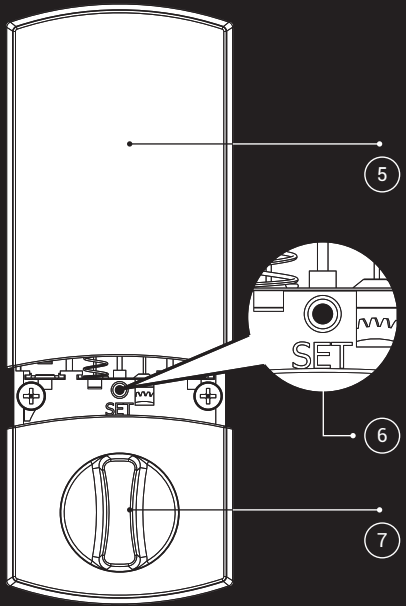
1 **Overview of the lockset**

2 **How to lock / unlock / program the lockset**

3 **Troubleshooting**

4 **Access Code List**





Please read section 4 - (2) - C of the Installation Instructions to set an admin code if this has not been done already.

1 Overview of the lockset

(1) **Wake Up**
1. Wake up the lock by placing your palm firmly on the centre of the screen.

(2) **Indicators**
1. Red light: Represents an incorrect entry or the unit is in programming mode.
2. Yellow light: Flashes when the batteries are low in power.
3. Green light: Represents a correct entry.

(3) **Clear Button**
1. Please always press (C) button to cancel any typo or exit programming mode.

(4) **Mechanical Keyway Override**
1. To unlock the lockset by a valid key.

(5) **Battery Cover**
1. Protects the batteries from unexpected damage.

(6) **[SET] Button**
1. Press [SET] button to enter and exit programming mode.
2. Please refer to 2 - ❷ for more information about programming mode.

(7) **Interior Thumbturn**
1. Locks or unlocks the lockset manually.

IP54

Bluetooth

NCC Compliant

2 How to lock / unlock / program the lockset

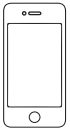
Or simply use the App instead!

1 How to lock / unlock the lockset

To lock

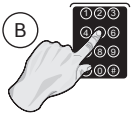
A
Place your palm firmly on the centre of the screen.

B
Use a mechanical key to lock.

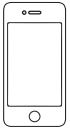
C 
Lock by mobile app.

To unlock

A
Wake up the lock by placing your palm firmly on the centre of the screen.

B 
To unlock, enter valid Entry Code or Admin Code.

C
Use a mechanical key to unlock.

D 
Unlock by mobile app.

1. After the screen is activated, enter Guiding Code first if it is on (see 2 - 2).
2. The screen is temporarily disabled after 4 consecutive incorrect entries.

2 How to Program the Lockset

If your lock is in factory setting, please set up Admin Code first to run bolt direction check automatically. Please set up Admin Code as follows, also you could refer to Installation Guide 4 - 2

- **Enter 4-8 digits Admin Code and press (#).**
- **Repeat Admin Code and press (#) to complete setup.**

- **The lockset will exit the programming mode and resume to the stand-by status if no input is made in 30 seconds.**
- **3 Beeps means something was entered incorrectly. Please redo the step again.**
- **Press [SET] button to exit programming mode when complete the programming.**

Or simply use the App instead!

Change Admin Code	• Admin Code can be used to program or unlock the lockset. • The Admin Code is “4-8 digits”.
Add an Entry Code(s) ***Entry codes cannot be a subset of the Admin code (eg if Admin code is 123456 entry code cannot be 1234)***	• Entry Code can be used to unlock the lockset. • Entry Code capacity: 200 sets (4-8 digits).
Delete individual Entry Code(s)	• Delete individual Entry Code(s).
Delete all Entry Codes	• Delete all Entry Codes.

Press [SET] → **Admin Code (4-8 digits)** → (#) → (1) → (0) → (#) → **New Admin Code (4-8 digits)** → (#) → **Same New Admin Code (4-8 digits)** → (#)

Press [SET] → **Admin Code (4-8 digits)** → (#) → (2) → (0) → (#) → **New Entry Code (4-8 digits)** → (#) → **Same New Entry Code (4-8 digits)** → (#)

Add another code

Press [SET] → **Admin Code (4-8 digits)** → (#) → (3) → (0) → (#) → **Entry Code** → (#) → **Same Entry Code** → (#)

Delete another code

Press [SET] → **Admin Code (4-8 digits)** → (#) → (4) → (0) → (#) → (#)

Or simply use the App instead!

Add Single-entry Code(s)	• Single-use Entry Code can only be used once to unlock the lockset.
Guiding Code	• Guiding Code is a set of random codes to be entered prior to any Entry Code to prevent code probing by placing fingerprints on every button making code discovery more difficult.
Vacation Mode	• Vacation mode temporarily disable ALL User Codes.

Press [SET] ➡ **Admin Code (4-8 digits)** ➡ (#) ➡ (2) ➡ (1) ➡ (#) ➡ **Single-entry Code (4-8 digits)** ➡ (#) ➡ **Same Single-entry Code (4-8 digits)** ➡ (#)

Add another code

Press [SET] ➡ **Admin Code (4-8 digits)** ➡ (#) ➡ (2) ➡ (2) ➡ (#) ➡

Turn On (1) ➡ (#)

Turn Off (0) ➡ (#)

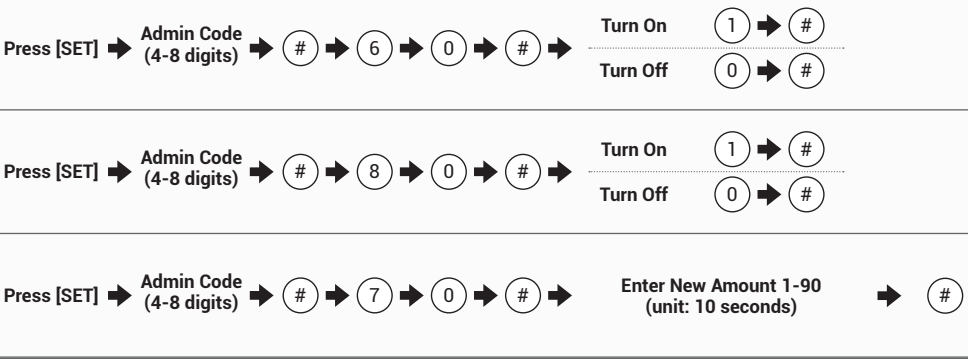
Press [SET] ➡ **Admin Code (4-8 digits)** ➡ (#) ➡ (5) ➡ (0) ➡ (#) ➡

Turn On (1) ➡ (#)

Turn Off (0) ➡ (#)

Volume Control	• Turn on / off door lock operation volume. • Volume is always on in the programming mode.
Auto-lock	• Auto-lock is disabled by default.
Auto-lock Delay Timer	• Default Auto-lock Delay Timer : 10 seconds. • Auto-lock Delay Timer range: 10 -900 seconds.

- **The lockset will exit the programming mode and resume to the stand-by status if no input is made in 30 seconds.**

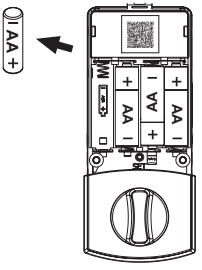


- 3 Beeps means something was entered incorrectly. Please redo the step again.
- Press [SET] button to exit programming mode when programming is complete.

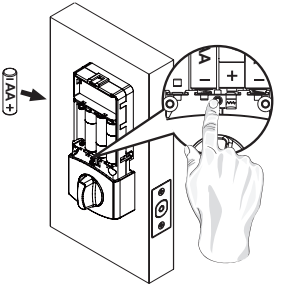
3

Restore to Factory Settings

If you encounter any issues during installation / product setup it is recommended to perform a factory reset



- Remove **one** battery



- Press and hold **[SET]** button while inserting the battery back.
- Hold the set button until long beep has finished.

CAUTION

1. This will erase all stored information.

2. After restoring to factory setting, please program the lockset, refer to User Guide 2 - 2.

3 Troubleshooting

1 Mechanical

	QUESTIONS	ANSWERS
A.	The latch does not operate correctly after installation.	1. Please reset unit to factory settings and set bolt direction. 2. Make sure prior to installation latch bolt is retracted and key is not in lockset when placing torque blade horizontally through latch.
B.	The lockset locks when I enter my code and unlocks when I touch the screen.	1. Un-install the interior and exterior assemblies. Before re-installation, please follow these guidelines: 1) Make sure the bolt is in the retracted position. 2) Do not have any key in lock cylinder. 3) Make sure the torque blade is inserted horizontally. 4) Reset unit back to factory settings and follow steps for setting bolt direction.

	QUESTIONS	ANSWERS
C.	Touch screen not responding.	1. Make sure the cable is well-connected to the port (the metal connector side should face outward) , and was not damaged during installation, refer to Installation Guide 4 - 2 . 2. Replace with four fresh alkaline batteries, and make sure the batteries are installed properly, refer to Installation Guide 4 - 2 .
D.	Feel a bump while turning the thumbturn or the key?	1. Please execute lock & unlock function to allow the motor to reposition itself again. 2. Redo the Automatic Bolt Direction Step.
E.	I cannot remove my key unless it is in the locked position.	1. Un-install the interior and exterior assemblies. Before re-installation, please follow these guidelines: 1) Make sure the bolt is in the retracted position. 2) Do not have any key in lock cylinder. 3) Make sure the torque blade is inserted horizontally.

2 Electronic

	QUESTIONS	ANSWERS
A.	Auto lock" does not function.	1. The batteries are getting low if the battery indicator keeps flashing. Please replace with four new batteries for the best performance (alkaline batteries only).
B.	What should I do if wrong code was entered?	1. Press (C) button once and continue to input code according to regular procedures. 2. If 4 wrong codes are consecutively entered, the light will flash red and the lock will beep. Then the user is locked out for 1 minute.
C.	Forgot Admin Code.	1. Restore to factory setting and reprogram all codes, refer to User Guide [2] - 2 & 3
D.	Battery indicator keeps flashing.	1. The batteries are getting low, please replace with four new batteries for the best performance (alkaline batteries only).

2 Electronic

	QUESTIONS	ANSWERS
E.	How does Auto-Unlock Work?	1. The App has two states that determine how Auto-Unlock functions: “Return” and “Leave”. When you're at home, your App will enter “Return” mode and Auto-Unlock will not activate. When you leave your residence for more than 200 meters, Auto-Unlock will go into “Leave” mode, remaining until you return within 200 meters from home. While reentering 200 meters range, your phone will start looking for your lock. Once you're close enough to your door, the APP will connect with the Lock, and Auto-Unlock. The APP will return to “Return" mode after Auto-unlocking. 2. If you'd like to use the Auto-Unlock function, please always enable Location(GPS), Bluetooth, and Wi-Fi, as well as keep the APP in the background on your

	QUESTIONS	ANSWERS
E.	How does Auto-Unlock Work?	Smartphone (Default set as Disabled). Auto-Unlock feature is highly dependent upon Smart Phone location (GPS) feature.
F.	Why is Auto-Unlock not working?	1. Please verify that phone settings for Bluetooth and GPS are enabled. 2. Auto Unlock is enabled and notifications are turned on. 3. Location permission is set to “Always” (iOS) and “All the time”(Android) 4. Please do not force quit the APP. 5. Please keep APP running in the background. For Android: You can allow a certain app to run in the background by going to Settings > Apps & notifications > Advanced > Special app access > Battery optimization. This will initially show you the apps which are Not Optimized - that is, the ones that can run in the background even while the

QUESTIONS	ANSWERS
F. Why is Auto-Unlock not working?	phone is sleeping. Tap the blue bar at the top of the screen and switch the view to All apps, then scroll down to the app you'd like to exclude, tap it, set it to Don't optimize, and then tap Done. 6. Manual manage permissions for APP after iOS Update. 1). Go to your iPhone Settings and scroll down to APP. 2). Toggle Bluetooth and Camera off. 3). Change “Allow Location Access” to Never. 4). Change “Allow Location Access” to Always. 5). Toggle Bluetooth and Camera on.
G. How can I pair my phone with the lock?	1. Download APP. 2. Scan QR code in the battery compartment area. 3. Press [SET] button to activate pairing mode on the lock.

	QUESTIONS	ANSWERS
H.	What should I do if my phone can't pair with the lock?	1. Make sure that Bluetooth is on. If Bluetooth is on, please turn off Bluetooth and turn it back on again. 2. When scanning QR code in the battery compartment area, please press [SET] button to activate pairing mode. If it's not working, restore to factory setting, referring to 2 - 3 or Go to APP Setting>> Scroll down to Factory Reset >> Enter Admin Code to reset. If the lock is factory reset, all APP users and entry codes are invalid.
I.	What is Auto-Lock?	1. Turn on Auto Lock on app and the door will lock the unlocked door automatically after the delay time you set.The delay time will be the same no matter which unlocking method you're using, including auto-unlock.

QUESTIONS	ANSWERS
J. Why can't I see settings on APP?	1. There are three app roles: Owner, Manager, and User. Only Owner and Manager have full access to APP. If you are User, you can only lock, unlock and delete lock.
K. Can I Invite friends to access my lock?	1. There are three app roles: Owner, Manager, and User. Each role has a fixed set of permissions. Only Owner and Manager can share the access. Go to APP Users >> Tap (+) in the upper-right corner >> User Name>> User Role — Manager or User >> Add >> share QR Code by scanning or via SMS, Email, etc.
L. What can I do if I accidentally delete lock on APP?	1. It will only remove the lock from your APP and you no longer have access to the lock.You can recover lock access from Owner or Manager.

QUESTIONS	ANSWERS
M. Why does my Entry Code fail to unlock the door?	1. Check if low battery indicator flashing and replace all four (4) batteries with new AA Alkaline. 2. Make sure the code is correct and verify the correct Entry Code type is used. Type 1. Permanent Entry Code: codes for permanent use on the keypad. Type 2. Scheduled Entry Code: codes for a specific time period on the keypad. Type 3. Valid Time Range Entry Code: codes that are only valid for a limited time period on the keypad. Type 4. Single Entry Code: codes for one-time use. After Unlock, Single Entry Code will be deleted.

	QUESTIONS	ANSWERS
N.	What can I do if I need to transfer the lock data to the different devices or new phones?	1. Simply download the app to your new phone and sign in with your account. You do not need to re-add the lock
O.	Can I control the lock remotely?	1. No, you can only control the lock when you are in Bluetooth range.

If the lock appears to be damaged or does not operate properly, please contact customer service for further assistance.

3 Bluetooth Troubleshooting

PROBLEM	POSSIBLE CAUSES	ACTION / RESOLUTION
Cannot view/edit user and lock details	Bluetooth disconnected or out of range of the lock.	Ensure you are in range, your Bluetooth is turned on, and you are connected to the lock.
Error Message “Disconnected” or Bluetooth not responding.	Bluetooth connection conflict or interference.	Turn off or disconnect all other devices paired with the phone and attempt to reconnect.
Error Message “Disconnected” or Bluetooth not responding.	Bluetooth connection conflict or interference.	Turn Bluetooth off, close app, turn Bluetooth on, open app and attempt to reconnect.

PROBLEM	POSSIBLE CAUSES	ACTION / RESOLUTION
Error Message “Disconnected” or Bluetooth not responding.	Bluetooth connection conflict or interference.	Turn Bluetooth off, restart phone, turn Bluetooth on and attempt to reconnect.
Error Message “Disconnected” or Bluetooth not responding.	Bluetooth connection conflict or interference.	Log out and delete the Carbine Connect app, reinstall the Carbine Connect app, log back in and attempt to reconnect.
Error Message “Disconnected” or Bluetooth not responding.	Out of Range	Ensure you are in range of the lock, move the phone closer to the CEL2 BT.
Still having connectivity issues after trying the above action / resolutions.	Bluetooth not recognised	Delete the lock from the app, delete the app from your phone, factory reset the lock. Restart your phone and reinstall the Carbine Connect App and attempt to reinstall the lock.

4 Access Code List

CAUTION
After changing your Admin Code, do not pass your Admin Code to anyone else.

ADMIN CODE	
Name	Entry Code

Innovation in Lock Design
All Carbine locks are developed in collaboration with some of Australia's most talented and visionary locksmiths. It's your guarantee of superior quality, versatility and ease-of-installation.

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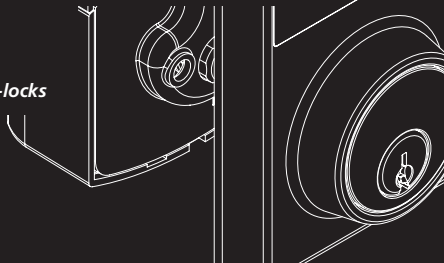
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