



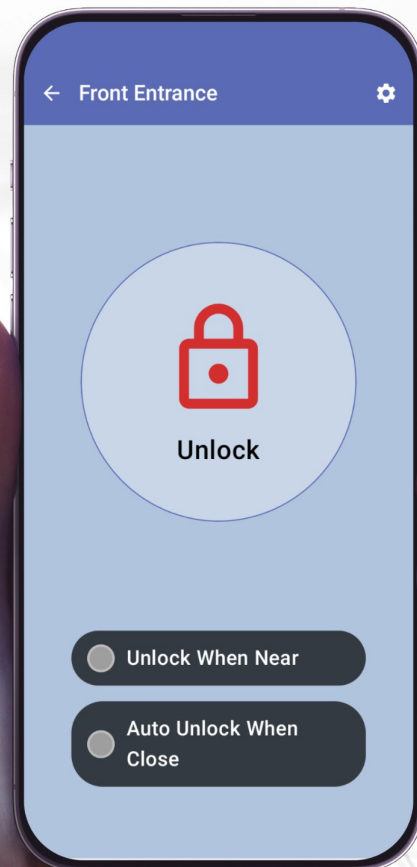
Napco Access Pro is a division of Napco Security Technologies Inc. (Nasdaq Symbol: NSSC) consisting of Access Control Brands Continental Access, E-Access, Air Access & MVP Access



iLock for Continental

(Bluetooth Credentials)

Installation Guide



NAPCO Security Technologies Inc.
333 Bayview Avenue, Amityville, NY 11701
Tel: 631-842-9400 Toll-Free: 800-645-9330
www.napcoaccesspro.com
Continentaltechhelp@napcosecurity.com

Publicly traded on NASDAQ Symbol: NSSC

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iLock for Continental Bluetooth Credentials Installation Guide

iLock for Continental (available for iOS and Android) is used exclusively for Bluetooth mobile credentials, allowing users to securely access protected spaces, equipped with compatible Bluetooth locks and readers featuring a Bluetooth Reader Module, directly from their mobile devices

Supported Models

- Wireless ArchiTech or Deadbolt locks with Bluetooth Built-in (Bluetooth must be specified when ordering)
- Wireless Networx Panel or Continental Controller equipped with a Bluetooth Reader Module (BRM)



CA-BRM
Standalone Bluetooth Add on, converts most Wiegand Enabled third party 125kHz or 13.56 MHz iClass readers. Used on all Controllers and or Networx Panel



CA-BRM-F-P300
Weather Sealed, Bluetooth Proximity Adapter for Farpointe Data model P-300, reader not included.



CA-BRM-H-SIG20
Weather Sealed, Bluetooth Proximity Adapter for HID Signo Model 20, reader not included.

System Requirements

- CA4K version 1.1.54 or later
- iOS 9.0+ or Android 8.0+



1 Install the iLock Mobile App

1. Search for “iLock for Continental” in the Apple App Store or Google Play.
2. **Install** and **launch** the app.
3. Open the app and **allow all** required **user permissions**. These permissions are necessary for the app to function properly.



2 Prepare CA4K

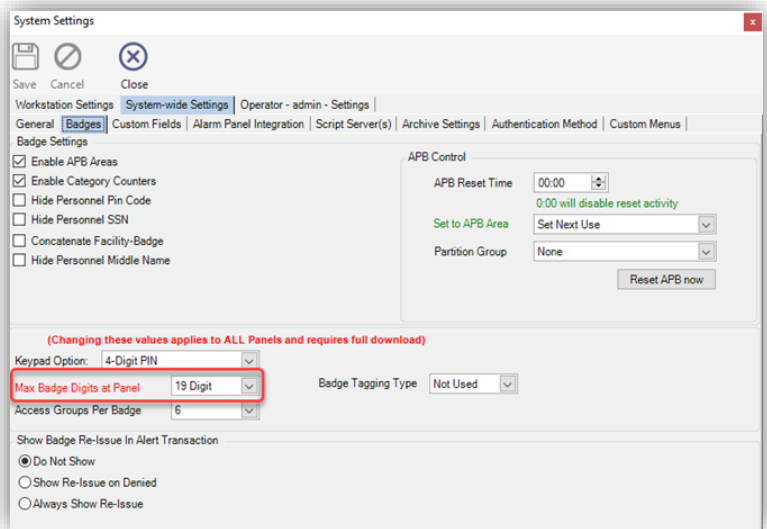
1. Set Max Badge Digits

- In CA4K navigate to **System** → **System Settings** → **System-wide Settings** → **Badges**
- Set Max Badge Digits to **19 Digits** then press **Save**.



Important

If this setting is changed, you **must** download to each Controller or Wireless Lock by going to **Configuration** → **Panels** → then select **Download**.



Prepare CA4K (Continued)

2. Create/Verify the 64-bit Badge Format is created

- In CA4K Navigate to **Administration** → **Badge Formats** → **Select New**
- Create/Verify the new 64-bit format is created exactly as shown below then press **Save**.

Description Text	Format Length	Fmt Type	
Format1	36	2	16
Format2	19	1	6
Format3	26	0	16
Format4	31	0	16
Format5	37	0	19
Mobile Credential	64	0	64
NSG 42	42	0	24

General

Format No: 6 Name: Mobile Credential Partition Group: Admin Partition

Badge Format Type: Non ABA Bit/Char Len: 64

All Types

	Offset	Length
Badge ID	0	64
Facility	0	0
Issue	0	0

Non ABA Type

	Offset	Length
EvenParity	0	0
OddParity	0	0

3. Configure the Reader

- Navigate to **Configuration** → **Readers** → **Select your Reader** and under **General** assign the last 8 characters of the Bluetooth Reader Module **MAC address** then press **Save**.



Important

If using Wireless ArchiTech or Deadbolt locks no Bluetooth MAC assignment is needed.

Reader	Description Text	Enabled	Ext Shunt	Escort	
3 - 1	Reader 1 - SuperTwo	Yes	No	No	Ye
1 - 1	Reader 1 - UniVerse - HID 53	Yes	No	No	Ye
1 - 2	Reader 2 - HID 20 - OSDP	Yes	No	No	Ye
3 - 2	Reader 2 - SuperTwo	Yes	No	No	Ye
2 - 1	Wireless Lock - N95J1	Yes	No	No	Ye

Device Name: Reader 1 - UniVerse - HID 5355 Partition Group: Admin Partition

General | Door Control | Options | Category Counters | Priorities | DVR | Maps | Location / Remarks | Geo Fence

Panel: uniVerse Reader #: 1

OSDP Address: 0

Reader Type: ☒ Door ☐ Badge Validator ☐ Wireless Lock

Assign to Access Group from Reader: None

Bluetooth MAC (Last 8 digits): C024F233

☒ Enabled
☒ Report Bypass
☒ Bypass Unlocks
☐ No Transaction for Valid
☐ Time Schedule Violate Override
☐ Report Access After Open
☒ Badge Use Limit Controller
☐ Escort Enabled
☐ ATM Mode
☐ Double Read Holds Door Unlocked
☐ Alarm Shunt Reader

3 Create a Bluetooth Mobile Credential

1. In CA4K navigate to **Personnel** → **Select New Person**

2. Tap “**Create New Mobile Credential.**”

3. Enter **First/Last Name**

The screenshot shows the 'Personnel' interface with the 'Find Criteria' section expanded. The 'Personal' tab is selected. The 'Create New Mobile Credential' button is highlighted with a red arrow. The form includes fields for Badge Number, First Name, Last Name, Middle Name, Embossed ID, Re-issue, PIN Code, Access Time, Badge Use Limit, Holiday Calendar, Activation Date Time, Expiration Date Time, Partition Group, and NAPCO Permissions. There are also checkboxes for Enabled, Tracked, Escorted, First In Control, Stay on Panel, Initial Download, Supervisor, Enable Double Tap, and Disable Common Code.

4. Select the **Access Groups** tab and assign the **Access Group**.

Important

Ensure the Bluetooth reader's time schedule is assigned under the selected Access Group under **Access > Access Groups**

5. Press **Save**.

The screenshot shows the 'Personnel' interface with the 'Find Criteria' section expanded. The 'Access Groups' tab is selected. The 'All Access' group is highlighted with a red box. The table shows the following data:

Seq No	Access Group	Activation Date & Time	Expiration Date & Time
1	All Access		
2	No Access		
3	No Access		
4	No Access		
5	No Access		
6	No Access		

6. Tap “**Send Mobile Credential.**”

Important

(If the **Send Mobile Credential** button is not displayed or the lock is not showing up, confirm that the Bluetooth reader is assigned to the same Access Group, specified in the previous step 4)

The screenshot shows the 'Personnel' interface with the 'Find Criteria' section expanded. The 'Personal' tab is selected. The 'Send Mobile Credential' button is highlighted with a red box. The form includes fields for Badge Number, First Name, Last Name, Middle Name, PIN Code, Access Time, Badge Use Limit, Holiday Calendar, Activation Date Time, Expiration Date Time, Partition Group, and NAPCO Permissions. There are also checkboxes for Enabled, Tracked, Escorted, First In Control, Stay on Panel, Initial Download, Supervisor, Enable Double Tap, and Disable Common Code.

4 Sending a Bluetooth Mobile Credential

Delivery options:

Show QR Code (Recommended — supports up to 20 readers)

Send SMS (Supports 1 reader; requires messaging setup — see *Alternative Delivery Methods*)

Send Email (Supports up to 20 readers; requires messaging setup — see *Alternative Delivery Methods*)

Upload File (For 20+ readers; sends a token via email and requires messaging setup — see *Alternative Delivery Methods*)

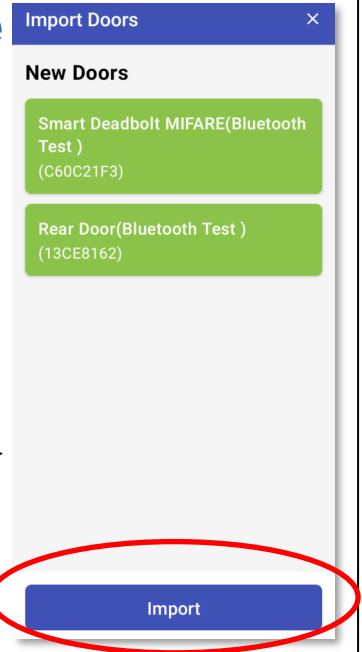
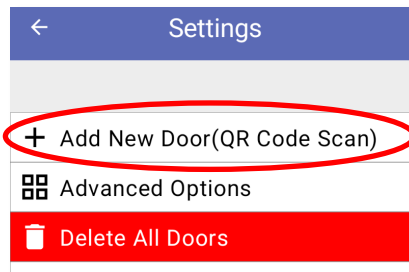
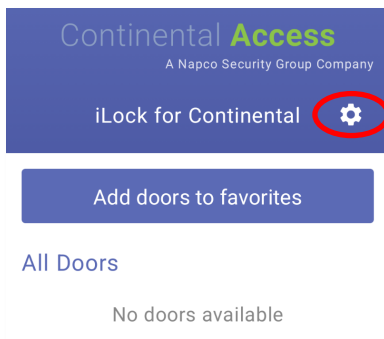
Show QR Code is the simplest method.

1. After pressing “**Send Mobile Credential.**” Select the reader or multiple readers then press **Show QR Code.**



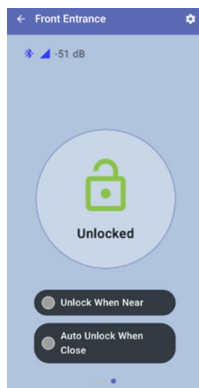
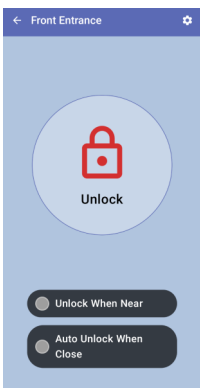
5 Adding the door (s) using the QR Code

1. Open the **iLock** app → then click **Settings**.
2. Tap **Add New Door (QR Code Scan)**.
3. Scan the QR Code using your mobile phone.
4. When the lock or locks appear, tap **Import**.
5. The door (s) will now appear under **All Doors**



6 Unlocking a Door

1. Select the door → Within range (default -75dB), tap the red **Unlock** icon

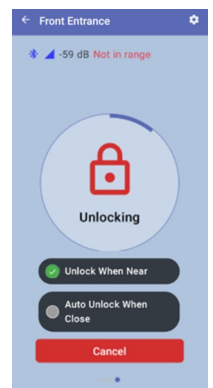


Unlock When Near

When enabled, open the app, and select the lock. Tap the red **Unlock** button. If you're within the reader's RSSI-based range (see **Door Settings**), the door unlocks. Otherwise, you'll see “Not in Range.”

Auto Unlock When Close

When enabled, the RSSI threshold is set to -45 dB, requiring the phone to be very close to the reader to prevent unlocking from a distance. **Open the app**, and when your phone enters the reader's RSSI range, the door unlocks automatically—no need to select the lock or press the red **Unlock** button.



Door Settings

Lock ID: Shows the last eight characters of the lock's MAC address.

Firmware Version: Displays the firmware version of the Bluetooth Reader Module.

Battery: Indicates the battery level (applicable only to ArchiTech Bluetooth-enabled locks).

Color: Allows you to change the app's background color for that specific door.

Change Door Name: Updates the door name displayed in the app. (Note: To revert to a previous name, you must retype it and select **Save**.)

Enable Toggle Mode: Enables the lock's Toggle Mode feature. (Note: Toggle mode must be enabled under Configuration > Readers)

Add to Favorites: Adds and Removes the door to your **Favorites** list.

RSSI Threshold (applies to Unlock When Near & Auto Unlock When Close): -75dB is the default. Sets the distance required between your device and the lock/reader for the app to unlock the door (Near, Close, or Far).

Delete: Press to delete lock

←Door Settings

Rear Door(Bluetooth Test)

Lock Id: 13CE8162

Firmware Version: 00

Battery: N/A

Color:

Change Door Name

Enter Door Name

☐ Enable Toggle Mode

☐ Add to favorites

RSSI threshold(-75dB)

Near
-45dB

Close
-60dB

Far
-75dB

Save ChangesDelete

Alternative Delivery Methods- Sending Mobile Credentials via SMS, Email or Upload

Important: To use **SMS, Email, or Upload File**, **CA4K Messaging setup is required**. Scan the QR Code or [Click Here](#) to watch a video for messaging setup instructions.



1. In the **Personnel** screen, select the user and press **Send Mobile Credential**. This opens the **Reader Lookup** screen. Select the reader you want to send the credential for.
2. Choose how you want to send it: **SMS, Email, or Upload File**.

Important: To send a mobile credential via **SMS, Email or Upload File**, the **MobileCredential** tab in the **Personnel** screen must be completed for each user. Make sure the user's **Email Address** (for Email/Upload delivery), **MobileNumber** (10-digits for SMS), and **SMSDomain** (the service provider's text/mms email domain, required for SMS) are all entered correctly.

Field	Badge Number	Value
General Access Groups Control Personal Photo MobileCredential		
Field Name	Field Value	
Email	test@email.com	
MobileNumber	5165555555	
SMSDomain	vzwpx.com	

SMSDomain Examples

Verizon: vzwpx.com

T-Mobile: tmomail.net

AT&T: mms.att.net

*domains may change, test delivery and character limits. Recommend using Email.

- **SMS :** Click **Send SMS**.
- **Email:** Click **Send Email**. (Recommended Method)
- **Upload File:** Click **Upload File**

3. After sending, the **Cloud Pin number** will appear in the bottom left corner of the screen.
4. Confirm the message was sent successfully by clicking **OK**.
5. **Open the message** (SMS, Email, or Upload link) on the mobile device and **click the link** to import the door/credential.
6. When prompted, enter the **Cloud Pin number** displayed in the Reader Lookup screen.
7. The **Import Doors** screen will appear. If the lock already exists, choose whether to **Replace** or **Append** doors.
8. Tap **Import** at the bottom of the screen.

Default (Reset) Procedures

The standalone CA-BRM uses a reset button to restore the Bluetooth Reader Module to factory defaults. Meanwhile, the CA-BRM-F-P300 and CA-BRM-H-SIG20 require a jumper that must be briefly shorted across the pins and then removed. After the reset is complete, the jumper **must be removed**; otherwise, the module will not operate

Method 1 — Default (Reset) - Recommended

1. **Remove power** from the reader module.
2. With the module **unpowered**, **press and hold the button** or **short the two jumper pins** for **15 seconds** to discharge any leftover voltage.
3. **Reconnect power** to the module.
 - You should see **3 red LED flashes with 3 beeps**.
 - If not, stop and **restart at Step 1**.
4. Within **3 seconds** after powering up, **press and hold the button** or **short the jumper pins again**.
5. Wait for a **green flash + double beep** (should occur within 3 seconds), then **release** the button or **remove** the jumper.
6. The module will show **fast red LED flashes** for **5–10 seconds** during the reset.
 - When finished, you will see a **final green flash + double beep** confirming the reset is complete.

Method 2 — Default (Reset) - Use Only If Method 1 Is Not Possible

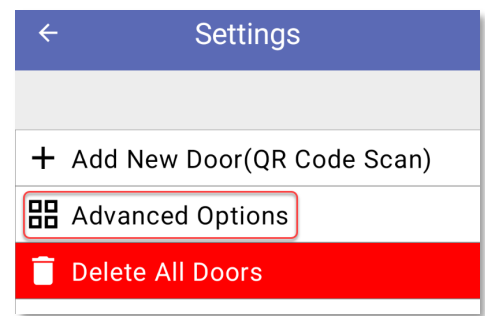
Use this method **only** when you **cannot remove power** from the module.

1. While the module is **powered**, **press and hold the button** or **short the jumper pins**.
 - Ignore the first LED response.
 - After **3 seconds**, the **red LED will begin flashing**. Keep holding/shorting.
2. Continue holding for about **20 seconds**.
 - A series of **green flashes + beeps** will appear, indicating the reset has begun.
 - You may now **release** the button or **remove** the jumper.
3. After a few seconds of **fast red flashes**, the module will end with a **final green flash + double beep**—reset complete.

LED Indicators	
Startup LEDs	3 Red LED flashes + 3 Beeps
Normal Operation	Green LED flash every 8 seconds (If the green flash every 8 seconds does not occur, perform a reset using Method 1)

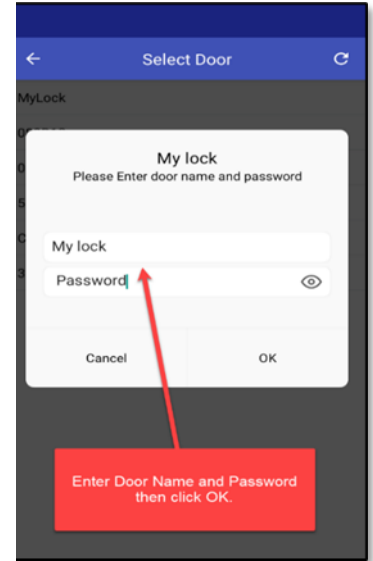
Advanced Options

- These options only work with the **Bluetooth Reader Module (BRM)**, not Bluetooth-enabled Architech locks.
- Resetting the BRM only clears **maintenance credentials** and returns settings to default. It does **not** remove user credentials stored in the controller.
- Most users **don't need** to change advanced settings. If needed, you must first **add a Maintenance Credential**.



How to Enroll a Maintenance Credential

1. **Put the BRM into Maintenance Enroll Mode:** Press and hold the module button (or short the two jumper pins) for about 2 seconds, then release or remove the jumper quickly. The BRM will indicate entry into enroll mode with three quick red flashes and beeps, followed by one green flash, and then continuous beeping with green flashes.
2. While it's beeping with green flashes, open the iLock for Continental app and tap the **Settings (gear)** icon.
3. In Settings, tap **Advanced Options**.
4. Tap **+ Add Maintenance Credential**.
5. Choose your door (**MyLock**) from the list.
6. Enter a **Door Name** and **Password** of your choice. **Very important:** Write down the **last 6 digits of the MAC address** and the **password**. You'll need them for maintenance mode.
7. Tap **OK**. The new Maintenance Credential will now appear in your door list.
8. Tap the Maintenance Credential and tap **Unlock**. Once unlocked, you'll see a **Keypad icon** at the bottom of the app.

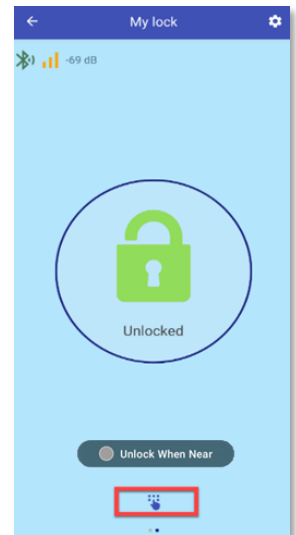


To exit Enrollment Mode, Press and hold the module's button (or short the two jumper pins) until you hear **five rapid double-beep sequences** and see **two red LED flashes**, followed by a **green LED**. Then release or remove the jumper/button to complete the exit.

Ways to Enter Maintenance Mode

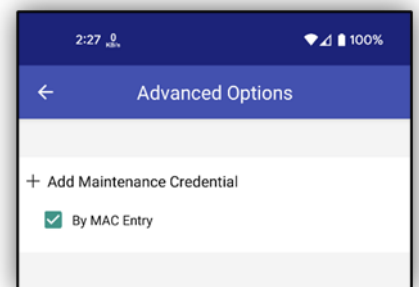
Method 1: Using the Maintenance Credential (Recommended)

- Tap your **Maintenance Credential** in the door list.
- Tap **Unlock**.
- You'll see the **Keypad icon** at the bottom.
- Skip to **Accessing the Maintenance Keypad** below.



Method 2: Using the Last 6 Digits of the MAC Address (Only use this if you lost the phone that originally enrolled the Maintenance Credential.)

- Tap **By MAC Entry**, then tap **+ Add Maintenance Credential**.
- Enter the **last 6 digits** of the MAC Address and the **password** you created earlier.
- Tap **Connect**.
- When the Maintenance Door appears, tap **Unlock**.
- After unlocking, the **Keypad icon** will appear.



Accessing the Maintenance Keypad

- Tap the **Keypad icon** to open the maintenance keypad. **Important:** Press the **AL** key within **5 seconds** or the keypad will close.

Advanced Options (Continued)



Keypad Programming Functions		
Function	Keypad Entry	Options/Desc.
Configure Output Operation Modes	AL, 1, AL, [Mode #], *	Mode #: 0 = Automatic (default; based on credential + serial port status) 1 = Serial Only 2 = Wiegand Only (64 Bit) 3 = Wiegand 160 Bit Only
Configure Device Address (Used only with DL-WINDOWS)	AL, 2, AL, [Address #], *	Address #: 5 = Door 1 (default) 6 = Door 2 (for NETWORXPANEL door 2)
Configure Sounder on Unlock Event	AL, 5, AL, [Sounder #], *	Sounder #: 0 = No sound on unlock 1 = Beep on unlock (default)
Configure Bluetooth Advertisement Transmission Strength	AL, 7, AL, [Index #], *	Indexing Strength #: (0 = weakest, 5 = strongest) 0 = -25 dBm 1 = -20 dBm 2 = -15 dBm (default) 3 = -10 dBm 4 = -5 dBm 5 = 0 dBm
Exit Program Mode	AL, 8, *	Can also exit by pressing/holding AL
Default and Restart	AL, 9, 9, AL, 0, 0, 0	Performs factory default and reboot



NAPCO Security Technologies Inc.
 355 Bayview Avenue, Amityville, NY 11701
 Sales/Technical: 800-645-9330
www.NapcoAccessPro.com
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