

# (((APC))) Automation Systems

## APC-KP2W V1.3 Two Channel Wireless Keypad



### Specifications

- Tempered Glass
- Power: 6V DC (4xAA Batteries)
- Two Channel Output
- Led Indicator + Backlight
- Security Lockout
- Anti Tamper Alarm
- Pin Code Scramble
- Ultra Low Consumption 18uA Standby / 6mA Active / 28mA Working
- Multi User (CH 1 = 8 Pin Codes) (CH 2 = 3 Pin Code)
- IP Rating 53

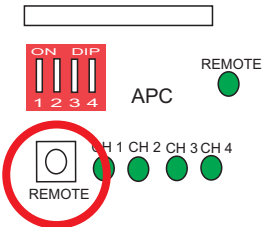
### Operating Information and Pairing to APC Smart Control Boards

- To operate enter the pin code for the desired channel then press “#”.
- When in operation the Keypad will automatically timeout after a 6 second interval between button presses.
- When not in use the keypad will return to standby after 20 seconds.

**For your convenience the keypad is pre-programmed with a default pin code for each channel.**

**Channel 1 PIN ( 1 1 1 1 # ) - Used for Double Gate Opening (Swing Gates) Or Full Gate Opening (Sliding Gates)**  
**Channel 2 PIN ( 2 2 2 2 # ) - Used for Single Gate Opening (Swing Gates) Or Pedestrian Gate Opening (Sliding Gates)**

### This procedure suits APC CBSW & CBSG Series Control Boards



**TIP:** This procedure can and should be carried out and tested prior to installing the keypad.

1. Press the “REMOTE” button on the gate control board once.  
- The REMOTE LED will now begin to flash slowly.
2. Type in your pin code on the keypad followed by #.  
- If successful the REMOTE LED will now flash rapidly 3 times to confirm accepting.

### Entering Programming Mode

**Factory Default Master Code is “0 0 0 0”**

To enter programming mode type in the master code then press   
 (Default  )

The keypad will confirm the correct code by illuminating the blue LED and emitting one long beep.

### Adding in your Pin Number's (4 Digit)

The APC-KP2W has TWO channels, each channel can control a different function on an APC Smart control board or an APC receiver respectively. To continue adding pin numbers after adding the first repeat the steps bellow.

**Note:** When you add your first pin number to each channel the default pin code will automatically be erased.

**-Channel 1 (Supports 8 Pin Codes)**

Master Code   
 #  
 Pin Code

**-Channel 2 (Supports 3 Pin Codes)**

Master Code   
 #  
 Pin Code

### Checking Pin Code Relativity to a Channel

This feature will assist in identifying the channel a specific pin code belong.

Master Code \*  
86 #  
Pin Code #

If the pin code belongs to CHANNEL 1 the buzzer will emit one short beep then return to standby.  
If the pin code belongs to CHANNEL 2 the buzzer will emit two short beeps then return to standby.

### Enable/Disable the Keypad Backlight

This feature will further prolong the keypads battery life by disabling the led backlight.

Master Code \*  
39 #

If successful the keypad will emit one long beep and one short beep then return to standby.  
The backlight function will cycle periodically therefore if the backlight is enabled the steps will disable the backlight and vice versa.

### Enable/Disable the Touch Buzzer

This is not recommended as it may cause confusion to the user due to no audible acknowledgment of each touch press, instead the LED backlight will flash per touch press.

The buzzer will still sound when entering into programming mode.

Master Code \*  
36 #

If successful the keypad will emit one long beep and one short beep then return to standby.

### Adjusting the transmitting time

The default transmission time is TWO seconds, it is adjustable from 01 seconds up to 09 seconds.

Master Code \*  
58 #  
01 # Adjustable time setting from 01 to 09 seconds.

If successful the keypad will emit one long beep and one short beep then return to standby.  
- DC Swing and Sliding gate products should be set to 02 seconds.  
- AC Sliding gate products should be set to 01 seconds.

### Deleting the Pin Codes

This will delete all current pin codes for keypad operation and reset them to default but will not affect the master code.

Master Code \*  
00 #

If successful the keypad will emit one long beep and one short beep then return to standby.

### Battery Test

Master Code \*  
89 #

If the battery is low the buzzer will emit one short beep whilst turning on the RED led indicator then return to standby.

If the Battery is OK the buzzer will emit one long beep.

### Changing the Master Code (4 Digit)

For security reasons you can change your master code to your own unique number to prevent unwanted access.

0000 \*  
69 #  
New Master Code # (4 Digits Only)

If successful the keypad will emit one long beep and one short beep then return to standby.

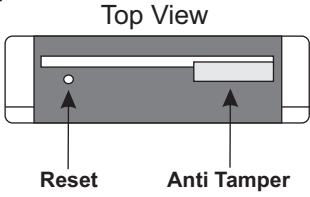
## Factory Reset

This will delete all current pin codes, the master code for keypad operation and reset them to default. This will also change the special features of each channel and will require the special features to be re-programmed as per below.

1. Remove Keypad from Rain Hood
2. Whilst anti tamper alarm is sounding press and hold the factory reset button using a pin.
3. Press the anti tamper switch then release.
4. Continue holding down the reset button for around 5 seconds.

**Default Factory Settings**

- Master Code: 0000
- CH 1 Default Function: Double Gate/Full Gate
- CH 1 Pin Code: 1111
- CH 2 Default Function: Single/Pedestrian Gate
- CH 2 Pin Code: 2222
- Backlight ON
- Buzzer ON



## Special Feature

For APC Smart control boards you may prefer to use one of the channels of the keypad for another function such as party mode.

**Channel 1 Default is Used for Double Gate Opening (Swing Gates) Or Full Gate Opening (Sliding Gates)**  
**Channel 2 Default is Used for Single Gate Opening (Swing Gates) Or Pedestrian Gate Opening (Sliding Gates)**

### Reprogramming a Channel for a different Function

Function Numbers

- (01)** Double Gate/Full Gate
- (02)** Pedestrian Lock 2
- (04)** Party Mode
- (08)** Single Gate/Pedestrian Gate

**Reprogramming Sequence for Channel 1**

Master Code [ \* ]  
 59 [#]  
 01  
 Function Number (eg. 01) [#]

If successful the keypad will emit one long beep and return to standby.

**Reprogramming Sequence for Channel 2**

Master Code [ \* ]  
 59 [#]  
 02  
 Function Number (eg. 08) [#]

If successful the keypad will emit one long beep and return to standby.

## Special Feature Quick Program (CH1)

<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 1 to use Function 1</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 01 01[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 1 to use Function 2</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 01 02[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 1 to use Function 3</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 01 04[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 1 to use Function 4</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 01 08[#]</p>
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## Special Feature Quick Program (CH2)

<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 2 to use Function 1</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 02 01[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 2 to use Function 2</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 02 02[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 2 to use Function 3</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 02 04[#]</p>	<p style="text-align: center; font-size: small;">Reprogramming sequence for Channel 2 to use Function 4</p> <p style="text-align: center;">Master Code [ * ] 59 [#] 02 08[#]</p>
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## Other Features

### Security Lockout

The keypad will allow three attempts to input the correct operational pin number or master code. On the third attempt with incorrect the keypad buzzer will emit 3 short beeps and illuminate the red led. At this point the keypad cannot be used for two minutes.

### Scrambled Pin Code

Incase you are accompanied by a person who may see your pin code the keypad will allow you to input any digits between 0-9 multiple times before the pin code providing the last 4 digits are the pin itself then followed by the #.

### 10 Second Transmission for Pairing Only

Sometimes a need will arise for a longer transmission time for the pairing process. This once off transmission can be performed as follows:

<p style="text-align: center; font-size: small;"><b>Channel 1</b></p> <p style="text-align: center;">Master Code [ * ] 55 [#] 01 [#]</p>	<p style="text-align: center; font-size: small;"><b>Channel 2</b></p> <p style="text-align: center;">Master Code [ * ] 55 [#] 02 [#]</p>
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