Garadget for Control4

Setup guide: driver 118, controller firmware 1.1.0 or later

You need the controller with its USB power supply, a 2.4 GHz Wi-Fi network on the same network segment as the Control4 system, Control4 OS 2.9 or later with Composer Pro, and the latest driver (see Resources). Setup takes 10 to 20 minutes.

Part 1. Connect the controller to Wi-Fi

1. Power the controller through the USB connector on its back.
2. Four LEDs blinking every second mean setup mode. If the controller shows another pattern, press and hold the **M** button for 3 seconds. Holding it for 10 seconds resets the controller to factory defaults.
3. Join the open Wi-Fi hotspot **Garadget-XXXXXX** and open `http://192.168.0.1/` (most phones open the page by themselves).
4. Select your network and enter its password. For a hidden network choose *Enter Manually*.
5. Optional: set an access token (below).
6. Press **Save & Connect**. Two LEDs on and one blinking mean the controller is on your network.

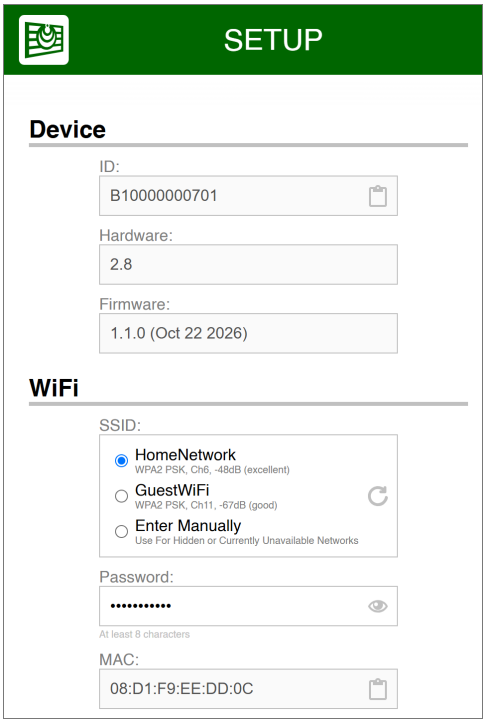


Figure 1. Setup page

Access token (optional, for added security)

With a token set, the controller accepts local control requests only from a driver that sends the token. With none, any device on the local network can send commands.

1. Before pressing **Save & Connect**, find **Control4 Access** on the setup page.
2. Type a token (letters, digits and `- _ . ~ + / = :`, up to 64 characters) or click ↻ to generate one. Note it down.
3. Enter the same token in the driver's **Auth Token** property (Part 2). To change it later, enter a new one; to clear it, tick **Remove token**.

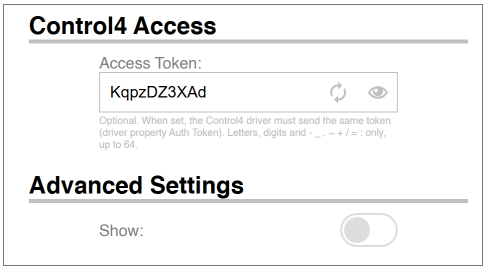


Figure 2. Control4 Access

Part 2. Add the controller in Composer Pro

1. Add the driver to the project: **Driver > Add or Update Driver or Agent**, then select the `.c4z` file (Figure 3). The same command updates a project that has an older version.
2. Select the room, open **Items > Discovered** and double-click **Motorization / Softcomplex / Rev1** (Figure 4). If it is not listed, power-cycle the controller. One LED softly pulsing on the controller means it is connected to Control4.
3. Open the driver's **Properties** (Figure 5). If you set a token, enter it in **Auth Token**. **Access Status** reads *OK* when the controller accepts the driver.
4. Adjust the properties, keypad connections and programming you need.
5. Make the door visible in the navigator: **Room > Navigator > Security > Modify**, then **File > Refresh Navigators**.

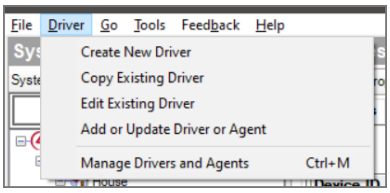


Figure 3. Driver menu

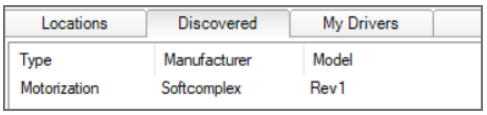


Figure 4. Items > Discovered

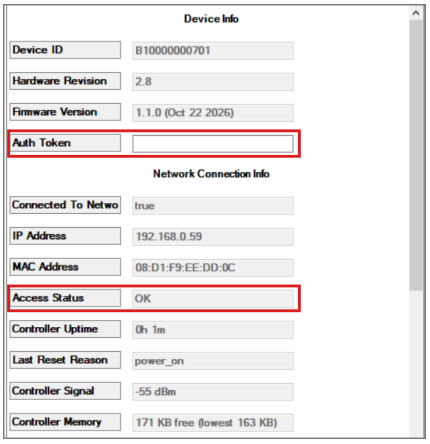


Figure 5. Driver properties

Part 3. Install the controller in the garage

1. Mount the controller on a clean, dry surface of the opener's enclosure, in line of sight of the top panel of the closed door, using the included mount.
2. Aim the laser at the top panel of the closed door and fix the reflective tag where the laser hits its center.
3. **Dry-contact opener:** wire the controller's **G** terminal to the opener's dry-contact terminals (polarity does not matter). **Security+ 2.0 opener** (yellow Learn button) or **Security+ 3.0 opener** (white Learn button): use the matching Garadget dry-contact adapter, wired or wireless (see the store in Resources), and no direct wire between the controller and the opener. Follow the adapter's product page for installation and pairing.
4. In the Control4 app or Composer, confirm that the door status is correct and that open and close work.

Controller LED indications

LED 1 is next to the garage door opener (GDO) control terminal **G** and the buttons. The numbering continues clockwise, so LED 4 is next to the wired door sensor terminal **S**.

Controller LEDs	State
All 4 blink together once per second	Setup mode (hotspot active)
LED 1 blinking	Not connected to Wi-Fi
LED 1 on, LED 2 blinking	Connected to Wi-Fi, no IP address yet
LEDs 1 and 2 on, LED 3 blinking	On the network, no driver or MQTT broker connected
LED 4 pulsing slowly, others off	A driver (or the MQTT broker, if enabled) is connected
4 quick blinks with beeps	Factory reset done (after holding **M** for 10 seconds)

Troubleshooting

Symptom	What to check
Nothing under Discovered	LED 1 or LED 2 blinking: the controller is not on the network yet, repeat Part 1. LED 3 blinking: it is on the network, so the controller and the Control4 system must be on the same network segment (subnet or VLAN). Power-cycle the controller.
Setup page not available	Setup mode ends after 10 minutes without a request. Hold **M** for 3 seconds to start it again; all 4 LEDs blink together.
Token lost	Hold **M** for 3 seconds, enter the Wi-Fi password again, tick **Remove token** or generate a new one, press **Save & Connect**, then update **Auth Token** in Composer.
Access Status: *Unauthorized*	The Auth Token differs from the controller's token. Correct it. The driver asks again when the token changes, on Load Status, on Load Config, and every 5 minutes.
Connected To Network: *false*	The controller is offline (LED 1 or LED 2 blinking, or all 4 blinking in setup mode). The driver refuses door commands while it is offline.

Resources

Product page	garadget.com/product/garadget-for-control4
Latest driver	garadget.com/c4-driver
Store (controllers and adapters)	garadget.com/store
Support	garadget.com/contact-us