

How to connect WiFi Morsecode Station:

Please always double check the Wire connections and its Colors! A wrong Connection could damage the electronics!

Wire Color:	Voltage:	Position:
Orange / White	3.3V Control Signal	Upper Contact
Red	5 V Supply Power	Mid Contact
Black / Brown	0 V Supply Power	Lower Contact

1. Navigate in the Admin Area to → Extension Menu. Then choose the Settings
Pin-Mode: "Digital Static Output" & Output-Start-State: "LOW" then click → **"Save"**
In principal you can use all Pins 1, 3, 4, 5, 6. It is not recommended to use Pin3 and Pin4 because they will toggle on and off for 0,5 sec during startup (boot) of the SmartGeocache.
Furthermore, it is forbidden to use Pin2, because the SmartGeocache won't startup (boot) anymore if you connect this Extension to Pin2 !
2. Disconnect the Power from the SmartGeocache (Micro-USB-Port) so that it is shut down.
3. Connect your Extension to the Pin that you chose (e.g. Pin 1 like shown in the Picture below!)
4. Connect Power to the SmartGeocache Micro-USB-Port again.
5. Make a Test Webpage: Navigate in the **Admin Area** → **Homepage Editor** → **"Create new Page"**
Type in a Name for the Page: "test" and a Button Name for the Page: "test"
If you connected the Extension Module to Pin 1, then you must choose the Option: **"Embed Extension 1 Button in 1. Text Area"** then click **"Save"**. Now click on the **"Page Preview"** Button and test the Extension by clicking on the Button **"Extension 1 On/Off"**. The Extension must now switch on and off when you click this Button.

Setting up the WiFi Morsecode Station:

Now that the Morsecode Station got activated, you can also configure it. The Morsecode Station has its own WiFi and Webserver and Admin Area. Connect your Smartphone to the WiFi of the Morsecode Station, then open the Admin Area in the Webbrowser: <http://smart.geocache/adminlogin> or <http://192.168.4.1/adminlogin> and then log into the Admin Area: The standard password is "admin". Now change the admin password, so that only you will have access to the Admin Area of the Station. Note this Password (write it down), if you lose it, you will lose access to this station! There is no backdoor! After this you can save an optional Password for the Geocacher and the Morsecode. The optional Password is to activate the displaying process of the Morsecode. When the Geocacher opens the Startpage of the Morsecode Station and types in this Password, the Morsecode Station will start displaying your Modsecode. If you don't save a Password, the Station will immediately start displaying the Morsecode. Keep in Mind, the WiFi of the SmartGeocache and the Morsecode Station are NOT the same. Both Modules have different Password functional conditions. Don't forget to connect an LED-Extension or Laser-Extension or Relay Extension to the Output-Cable of the Morsecode Station, otherwise it won't display the Morsecode ;-)

