User Manual

UltraPIP WiFi

subsuelo3d

soporte@subsuelo3d.com

Place the equipment firmly on the pile head and proceed to turn it on (you will notice that the green led will turn on). Please note that the right knob must be in "OPERATION" mode.

On the device selected for acquisition (computer, cell phone, tablet etc...) connect to the network

Network name: **UltraPIP Subsuelo3D**
password: **12345678**
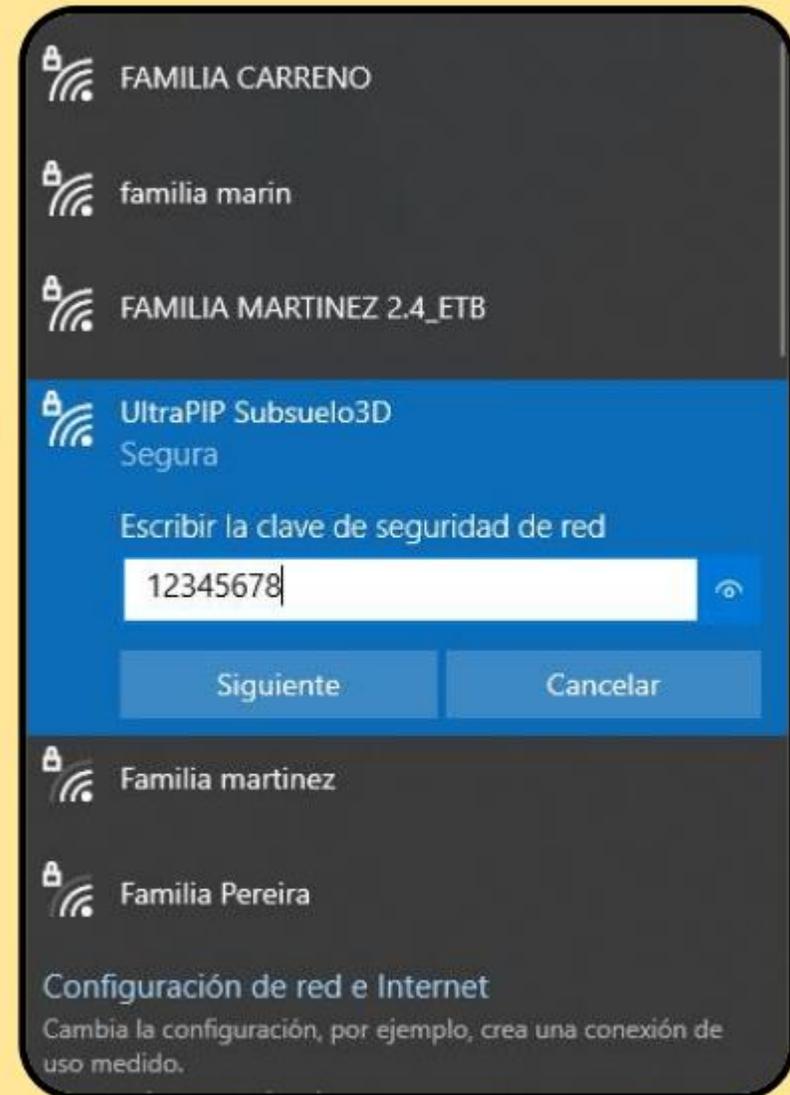
Enter the browser of your choice (Chrome, Mozilla, Safari, etc...) In the search bar type the address 192.168.4.1 (this is the IP address of the equipment) and press the enter key. This way you will be able to see the page shown on the right, which corresponds to the graphical data acquisition interface.

In the graphical interface it stands out:

1. Trigger activator, which allows you to put equipment in log acquisition mode.

2. Trigger sensitivity, default is 6 recommend leaving it at 5.

3. Pile length

4. Wave speed in the pile to be studied.

5. Wave speed in the pile to be studied.

6. Pile name and number.

7. Number of shots fired.

8. Exponential gain and filters for visualization of the signal (before saving it is recommended remove earnings and filters)

9. Button to save record..
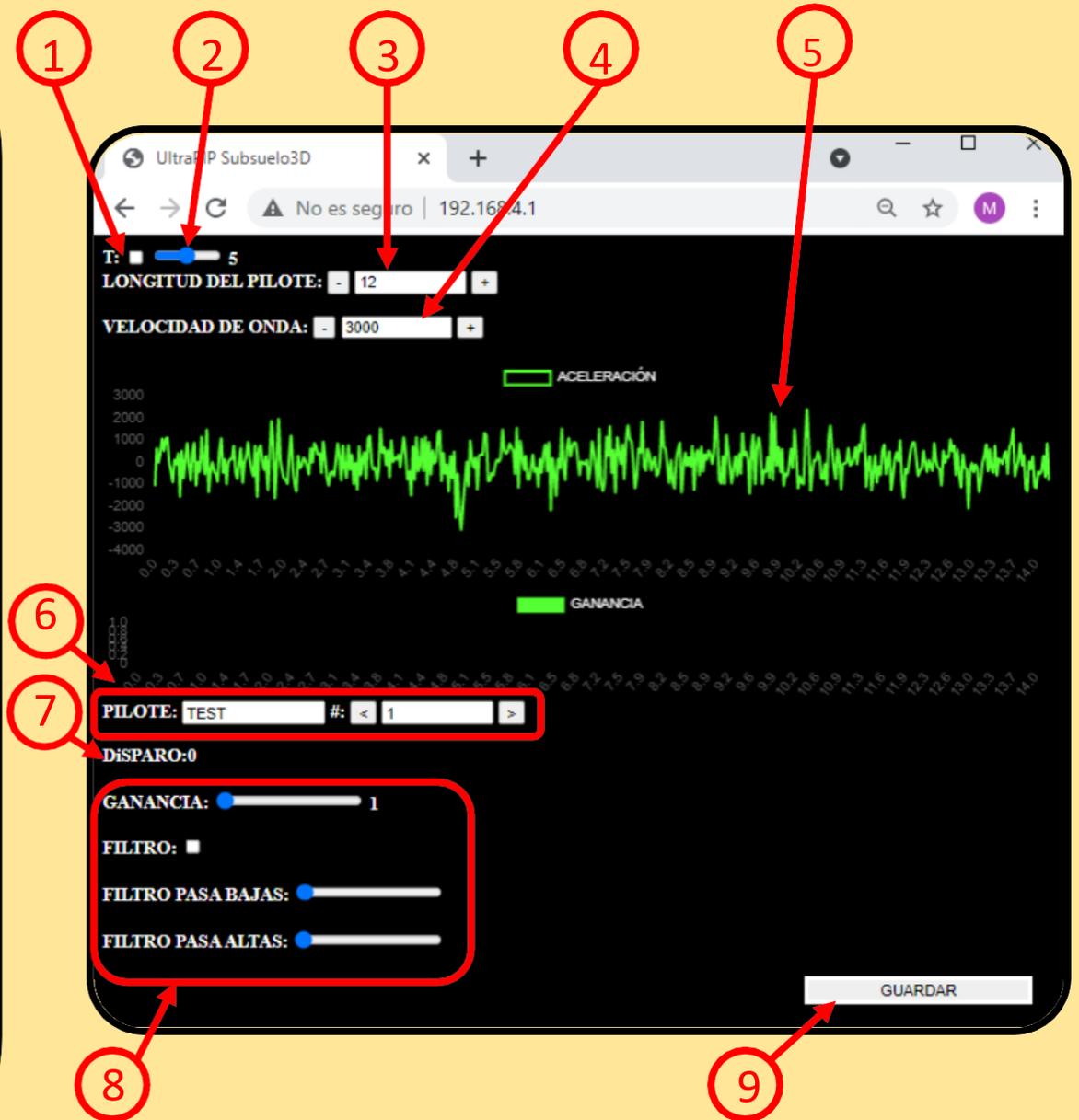
Once all the parameters have been configured, the trigger is activated and thus the head of the pile can be impacted with the hammer. You will get a signal like the one shown in the image.
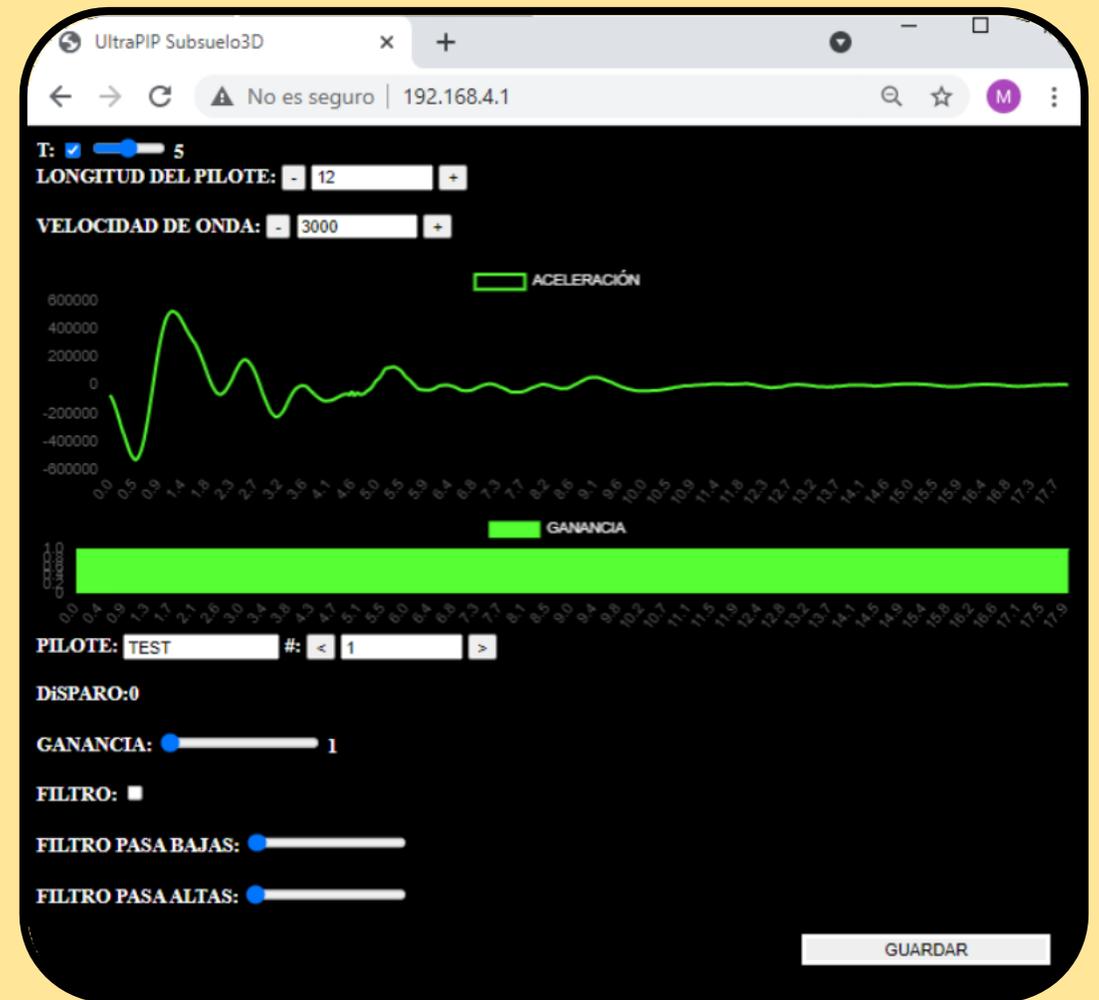
If you wish, you can apply exponential gain to the signal or low-pass or high-pass filters. However, before saving the data, it is essential to maintain the signal without gain and without filters, in order to store the raw data acquired.
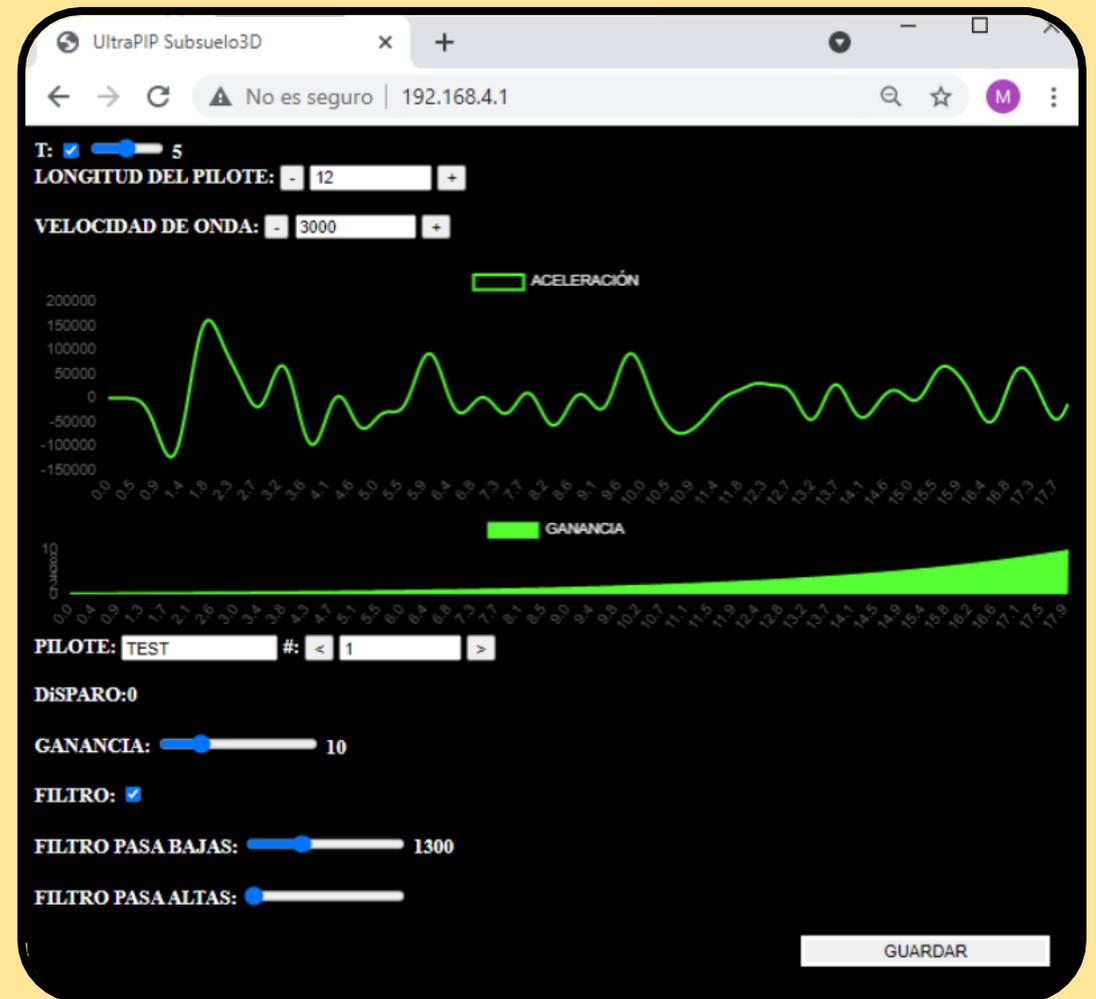
Press the "SAVE" button to download the text file with the data corresponding to the record. Once the file has been downloaded, the pile head can be impacted again to take a new record, which in turn must be downloaded with the "SAVE" button.
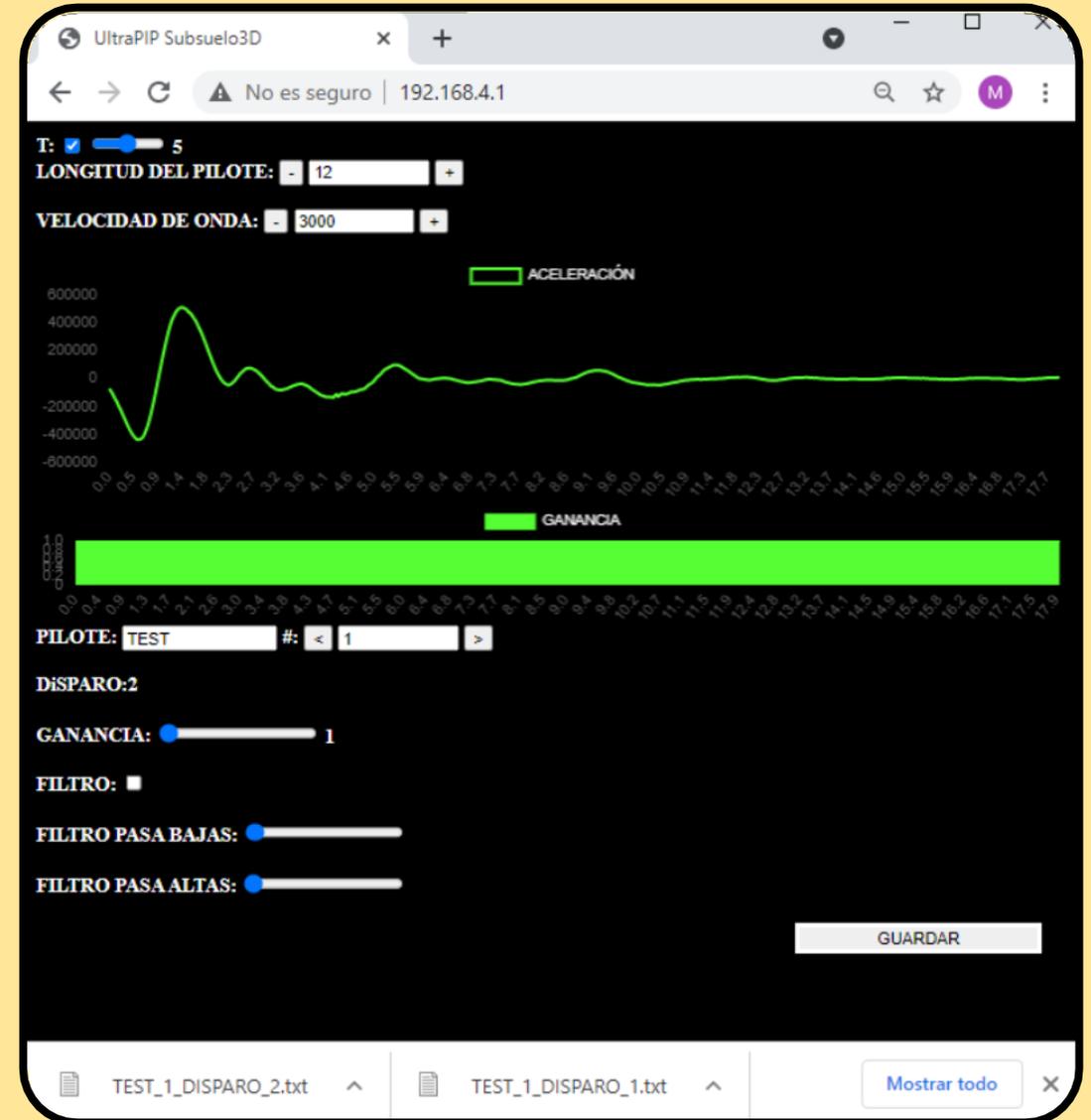
Once the data acquisition is finished, the equipment must be turned off by moving the knob to OFF. If you want to charge the equipment, you must move the second knob to CHARGE mode; Once the charger is connected through the microUSB port, the blue LED will light up.