

Manual of PC software Field Explorer

Installation :

Double click FieldExplorerSetup and follow the installation procedure.

On Windows XP: Connect the device and then wait for the opening of the new hardware installation wizard, and finally choose the automatic installation.

On the next versions of Windows and Windows 10: simply plug the device in and wait for the device automatic installation.

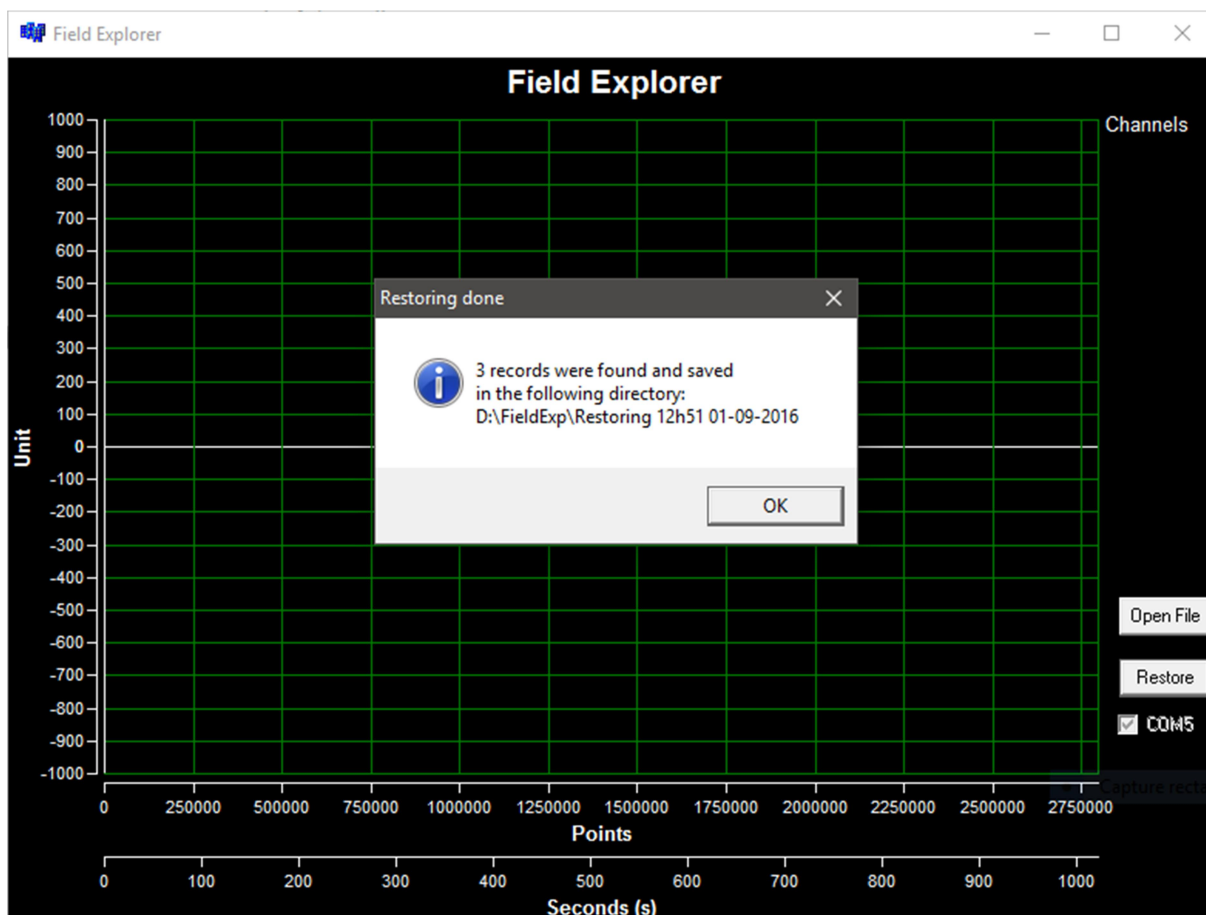
The device should now be displayed in the device manager under the heading COM ports, when connected by USB to the PC.

To restore recordings made with the device:

On the device, enter the "Restoring" menu. Warning: The connection to the PC cannot be done if the device is not in the "Restoring" menu.

On the PC software, click on the button "Connection". If the connection is established with the device, the COM port where the device is connected is displayed, and the "Connection" button changes to "Restore" button.

Click on that "Restore" button and a message following the successfulness of the restoring is displayed. If the restoring is made, the number of records and the location of files on the PC is displayed. Recordings are saved in a folder with the name of the form "Restoring Time Date" with the time and date of the restoring on the PC.



To open recording files:

It is not necessary to connect the device to check the records, once they are saved on the PC.

On the PC software, click "Open File" to open the file selection box.

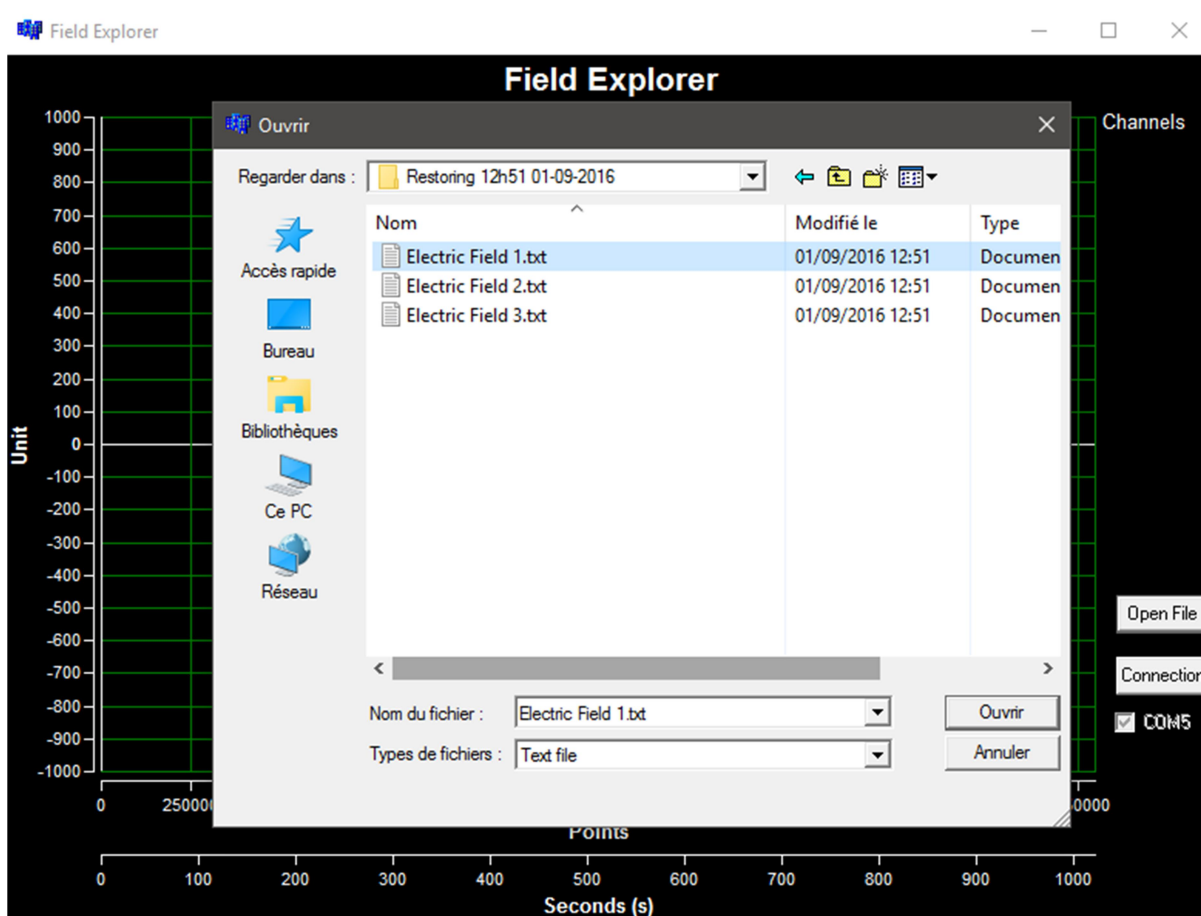
Browse the PC folders to find the folder containing the recording to open. These files are in the PC FieldExplorer software directory. Once the record found, open the file by double clicking it or by clicking on "Open."

Magnetic field records are called "Magnetic Field".

Electric field records are called "Electric Field".

Electromagnetic field records are called " Electromagnetic Field".

The number next to the name is the measurement number to distinguish files.

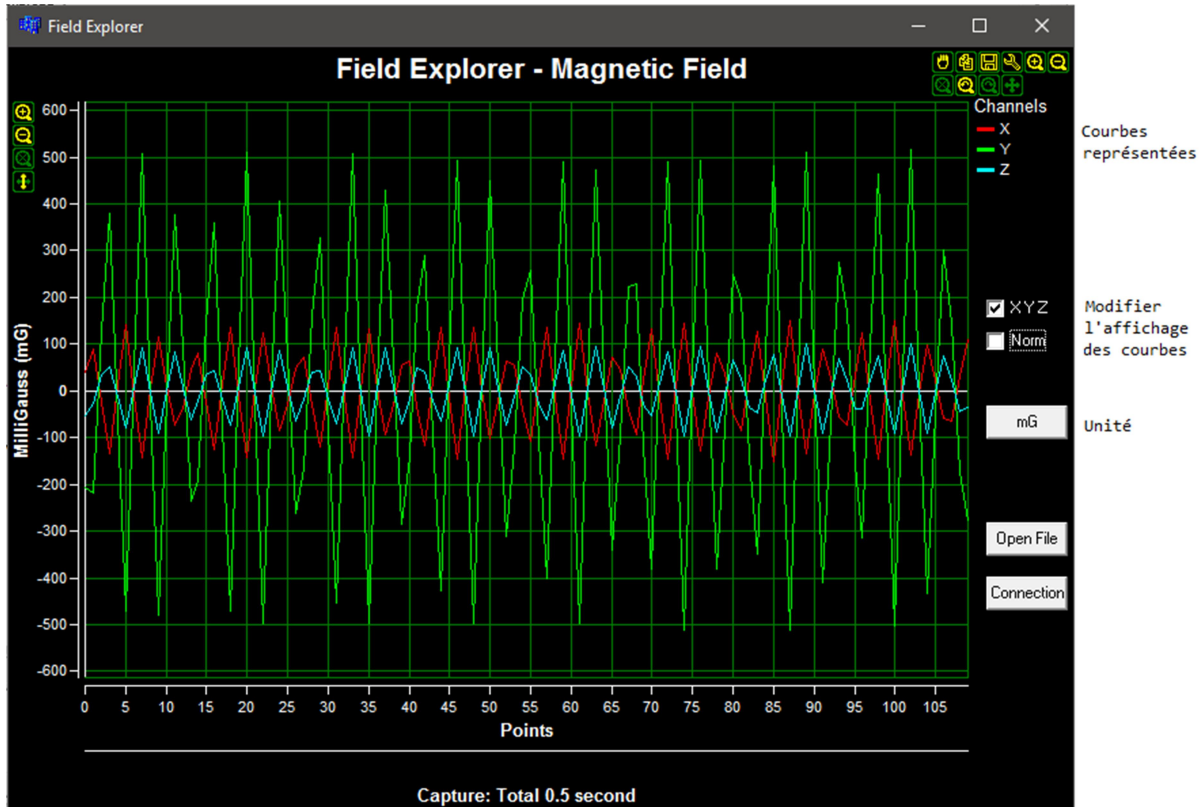


To use the graph:

By laying the cursor over a point on the graph, information of this point appears under the cursor.

The unit of magnetic field and electromagnetic field measurements can be changed by clicking the unit button.

The display of curves of a measure "Capture" of magnetic field can be changed by checking and unchecking the boxes for these curves.



The graph has several buttons to perform some operations.

Zooming can be done with the mouse wheel, or with the magnifying glass buttons on the tool bar with a + and -. Click on the magnifying glass buttons with sign x, to reset the zoom.

To zoom in on a single axis at a time, click the Select one axis button that appears when the cursor is placed on this axis. The selection of an axis button is shown highlighted in the following image.



A button to change the chart settings, a button to save the graph as an image, and a button to copy the chart to the clipboard are available in the toolbar at the top right of the graph.