

# Geoptik Flat Field Controller

Install and Setup User's Manual

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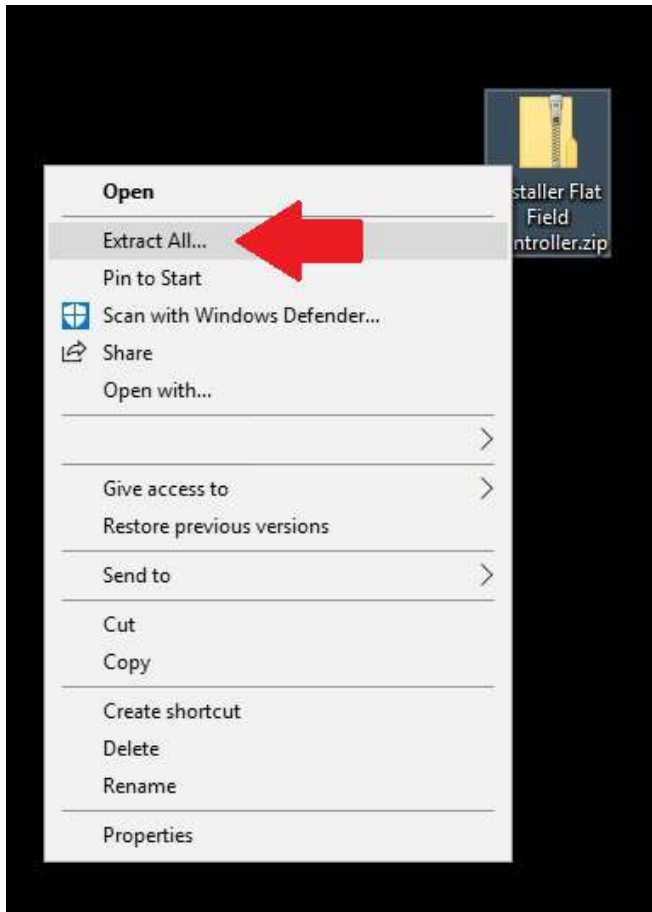
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To use the device you have to connect your device to the PC, get the associated COM port to it and install the “Geoptik Flat Field Controller” application.

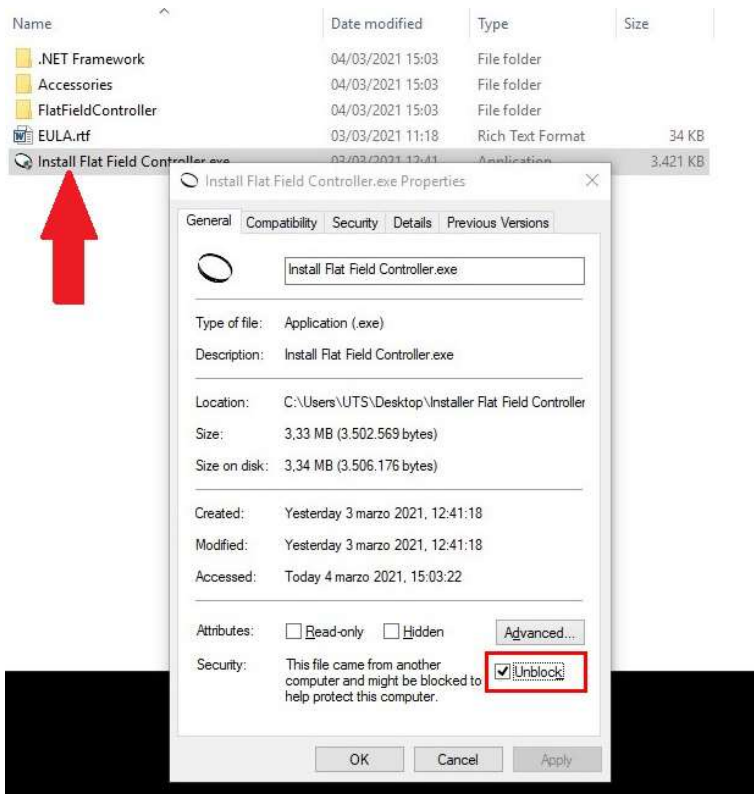
### To Install “Geoptik Flat Field Controller” program

-Download the “zip” file via Link or QR code.

-Extract all the files, right-clicking on the “zip” file and clicking on “Extract All”.



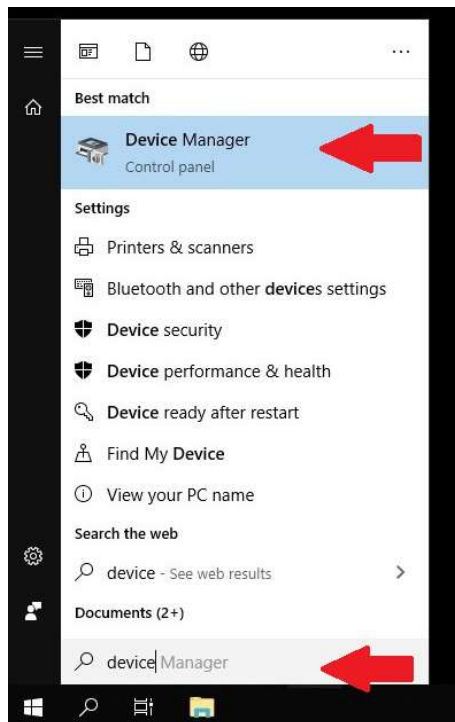
- Right Click on “Install Flat Field Controller.exe”.
- Click on “Properties”.
- If the “Unblock” box is shown check it and click on “Apply”, otherwise skip this step.



- Click on “OK”.
- Double-click on “Install Flat Field Controller.exe” and follow the instructions.
- The program may install some additional components like ASCOM platform, this installation may also require two reboot to complete.

## To connect your device via USB and get the COM port associated:

-Open the "Device Manager" menu (the easiest way to get there as of Windows 10 version is: left-click on the Start icon, type "Device" find the menu and click on it.).

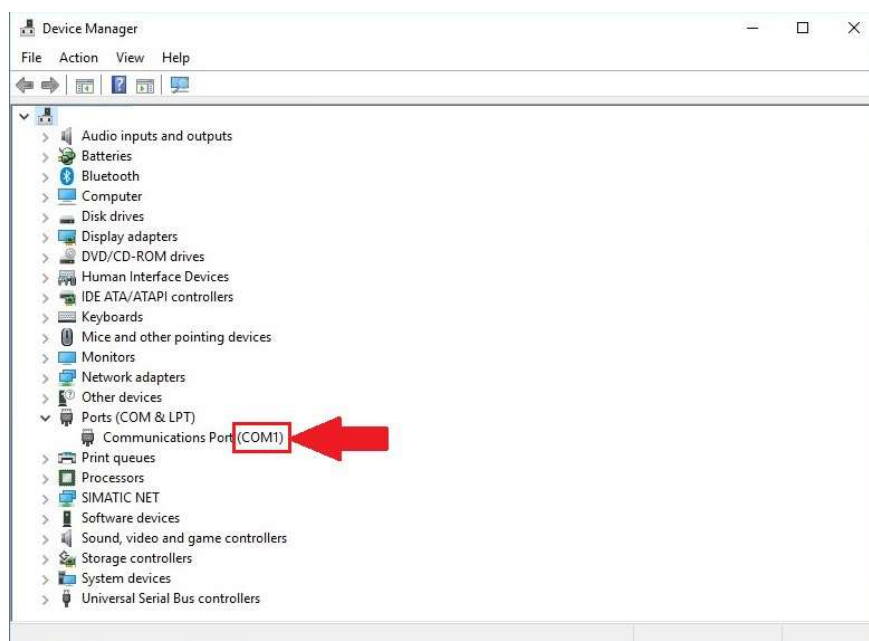


-Open the submenu "Ports (COM and LPT)" (by clicking the arrow on the left).

-Plug the device to your PC.

-Find the newly connected device and take note of the associated COM port (on the right of the name).

-If you are having trouble with this step, please try using a different USB cable.



-Close "Device Manager" menu clicking on the top-right "X".

-Power your device.

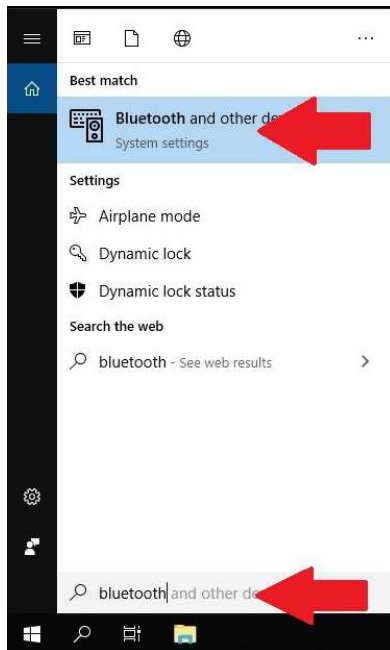
-Procedure complete. Go to "Running the Geoptik Flat Field Controller"

## To connect your device via Bluetooth and get the COM port associated:

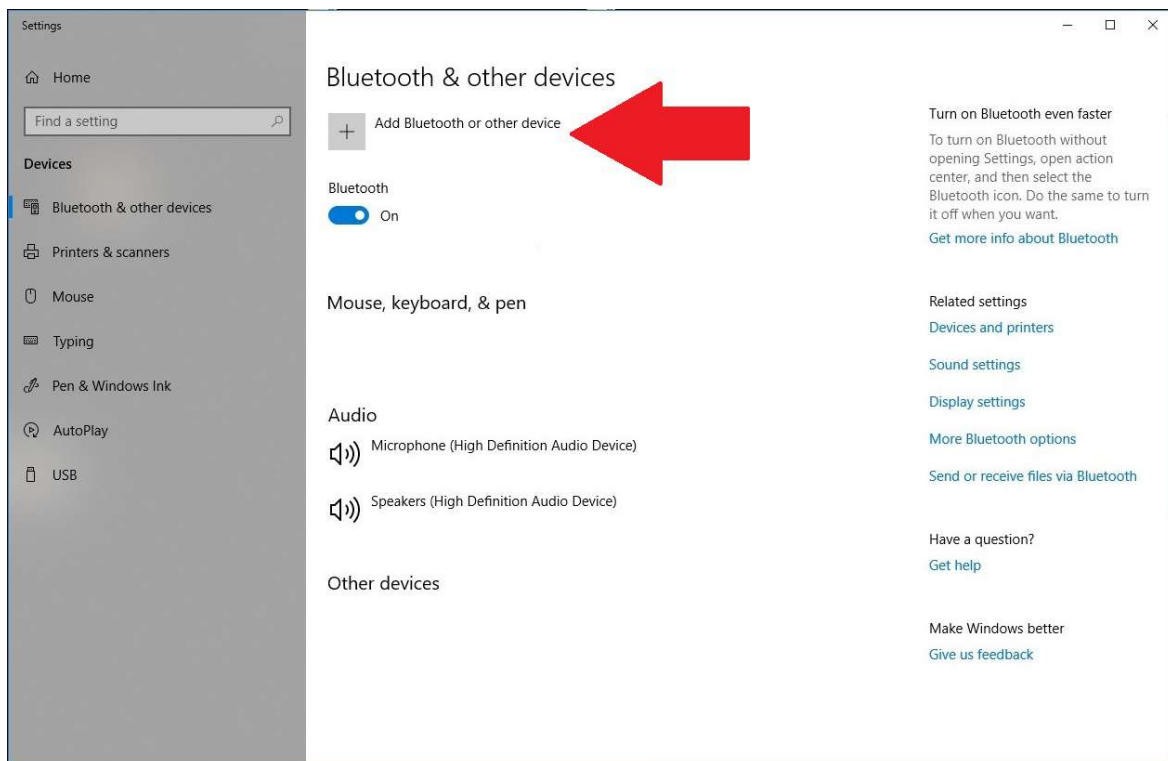
-Power your device.

-Open the “Bluetooth and other devices settings” menu (the easiest way to get there as of

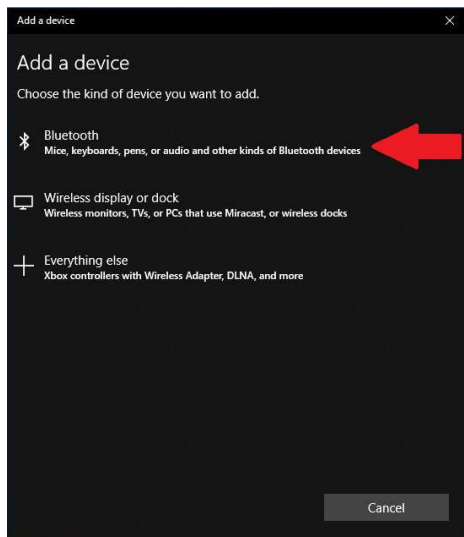
Windows 10 version is: left-click on the Start icon, type “Bluetooth” find the menu and click on it.).



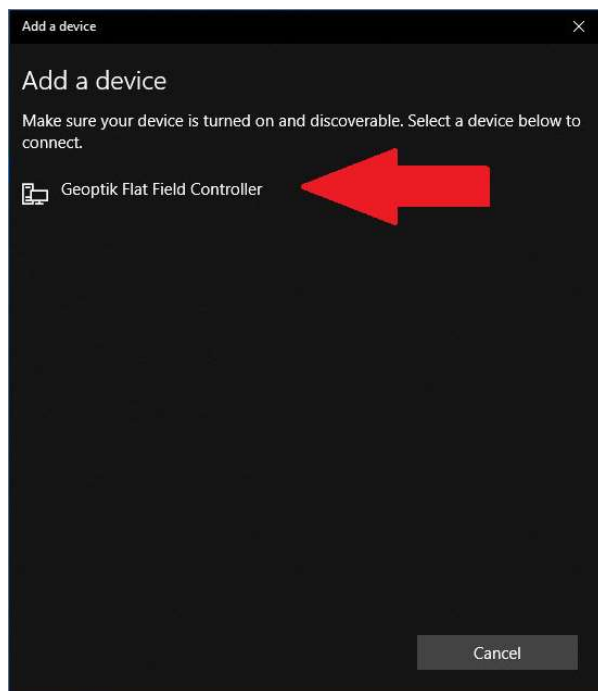
-Click on “Add Bluetooth or Other Device”.



-Click on "Bluetooth".

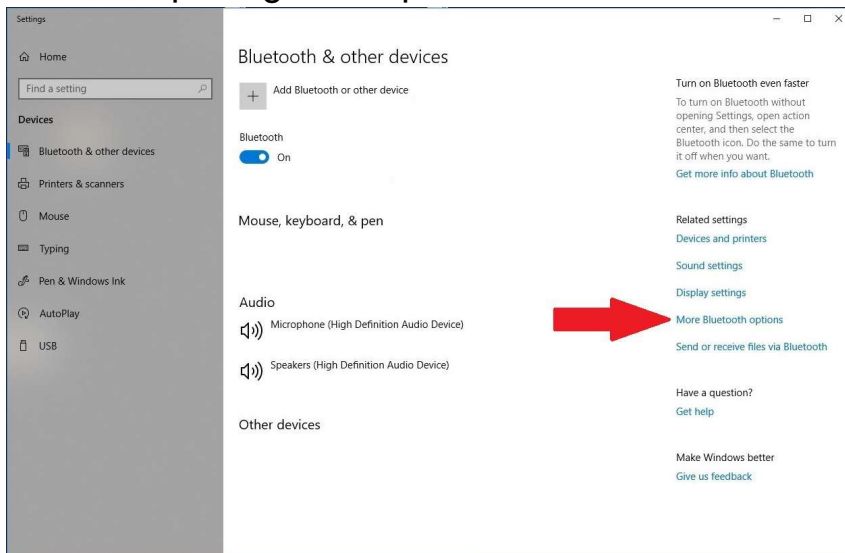


-When the device appears click on it to start the pairing.



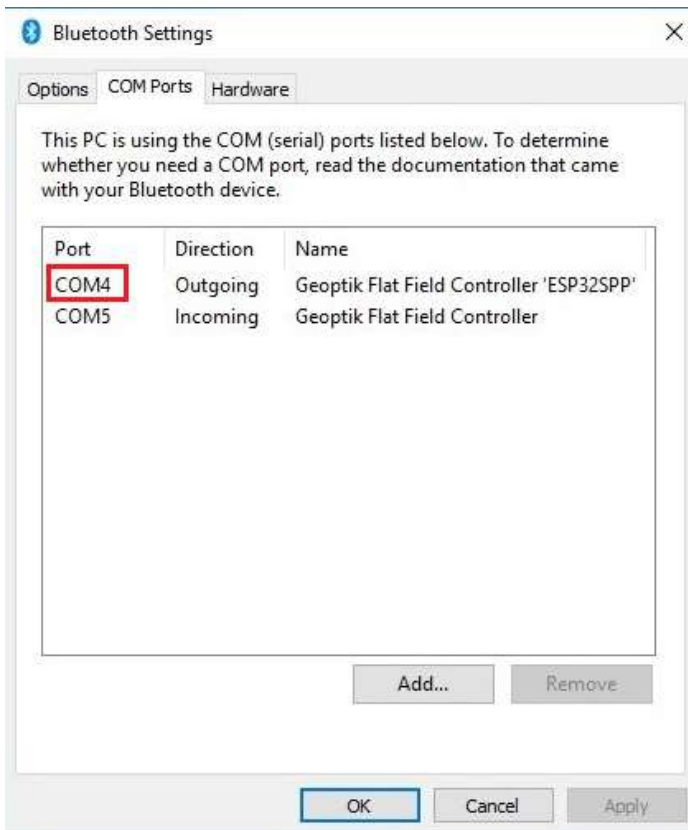
-When the device is paired click the "Done" button.

-When the pairing is completed click on “More Bluetooth options”.



-Click on the “COM Ports” submenu.

-Find the newly connected device and take note of the associated COM port for the “Outgoing” (in the “Direction” column).



-Close then “Bluetooth Settings” menu clicking on the top-right “X”.

-Close the “Bluetooth and other devices settings” menu clicking on the top-right “X”.

-Procedure complete. Go to "Running the Geoptik Flat Field Controller”

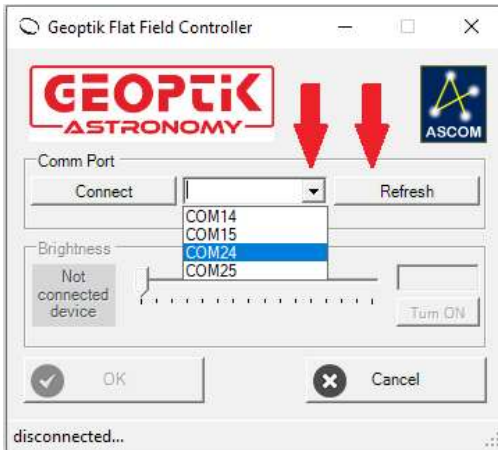
## Running the "Geoptik Flat Field Controller"

Once you have installed the program and took note of the COM port to your device:

-Run the "Geoptik Flat Field Controller" app

-Open the "com port" dropdown menu.

-Select the correct COM port (if you can't find the COM port, make sure that the device is plugged or paired and powered, then click the "Refresh" button).



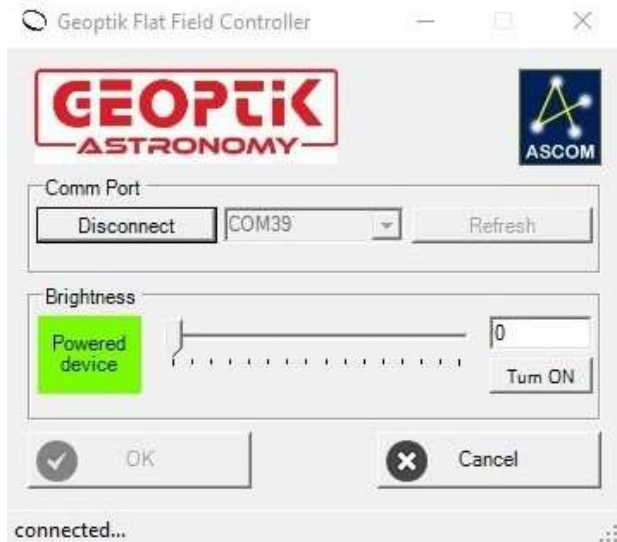
-Click the Connect button



-Once the connection is completed, the "Brightness" and "On/Off" controls will become available.



-If your device is properly connected and powered, your program screen should look like this.



- Using the slider, you can dimmer the light of your device.
- Using the “Turn ON” button, you can switch on the light of your device.
- Using the “OK” button, your device settings, like COM port and dimmer value, will be saved.
- Using the “Cancel” button, your unsaved changes of the settings will be discarded.