Geoptik Flat Field Controller

Install and Setup User's Manual

Index

To Install "Geoptik Flat Field Controller" program	2
To connect your device via USB and get the COM port associated:	
To connect your device via Bluetooth and get the COM port associated:	
Running the "Geoptik Flat Field Controller"	
realizing the scoping rate role controller	0

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".

Settings		– L X
යි Home	Bluetooth & other devices	
Find a setting	Add Bluetooth or other device	Turn on Bluetooth even faster
Devices I III Bluetooth & other devices 금 Printers & scanners	Bluetooth On	To turn on Bluetooth without opening Settings, open action center, and then select the Bluetooth icon. Do the same to turn it off when you want. Get more info about Bluetooth
 Mouse Typing 	Mouse, keyboard, & pen	Related settings Devices and printers
(ypang		Sound settings
🖉 Pen & Windows Ink		Display settings
AutoPlay AutoPlay	Audio	
C Pratorial	(小)) Microphone (High Definition Audio Device)	More Bluetooth options
🖞 USB		Send or receive files via Bluetooth
	くい) Speakers (High Definition Audio Device)	
		Have a question?
	Other devices	Get help
		Make Windows better
		Give us feedback

1

-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".

Settings		- 🗆 ×
යි Home	Bluetooth & other devices	
Find a setting	Add Bluetooth or other device	Turn on Bluetooth even faster
Devices	H Add siluctooth	To turn on Bluetooth without opening Settings, open action center, and then select the Bluetooth icon. Do the same to turn it off when you want.
B Printers & scanners		Get more info about Bluetooth
() Mouse	Mouse, keyboard, & pen	Related settings
III Typing	and a start of the	Devices and printers
		Sound settings
🤌 Pen & Windows Ink		Display settings
P AutoPlay	Audio 丸)) Microphone (High Definition Audio Device)	More Bluetooth options
fi USB	口》 Wild ophone (ingri Denniboli Addio Device)	Send or receive files via Bluetooth
	く) Speakers (High Definition Audio Device)	
	77	Have a question?
	Other devices	Get help
		Make Windows better
		Give us feedback

-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).

ptions	COM Ports	Hardware	E.
wheth		l a COM po	erial) ports listed below. To determine ort, read the documentation that came
Port	Di	rection	Name
CON	COM4 Outgoing		Geoptik Flat Field Controller 'ESP32SPP'
CON	15 In	coming	Geoptik Flat Field Controller
-			Add Remove

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

-Close the "Bluetooth and other devices settings" menu clicking on the topright "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.

GEOF	Tik		A
Comm Port Disconnect		<u> </u>	ASCO
Brightness Powered device			0 Tum ON
🔿 ок		8	Cancel

-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.