

# Electric Filter Wheel - User's manual

Thank you for purchasing the Atik Electric Filter wheel (EFW) with USB control. With it, you will be able to easily change filters without touching the telescope. This is specially important when imaging, as it often happens that, when using manual wheels, autoguider tend to loose their guide star, due to shaking and/or backlash. With the Atik EFW, you can change filters without disturbing autoguiding. Additionally, and with third party software, filter changing can be fully automatic, allowing for unattended imaging sessions.

Operation of the wheel is very simple, and it can easily be put into 5 steps:

Step 1: Opening the wheel.

Take the wheel out of it's box, and unscrew the 5 retaining screws.

Step 2: Install your filters into one or more of the 5 available positions. They are marked 1 to 5 for easy identification. Take care that you don't loose the spring in the middle of the assembly. You can take it off if needed.

Step 3: Place the middle spring on the central pin, if you took it off, and close the wheel by screwing back the 5 screws.

Step 4: Connect the cable from the wheel to the USB controller and power it (12VDC). At this point, the wheel will reset to position number 1.

Step 5: Connect the USB cable to the controller and to your computer.

At this point windows will recognize the wheel and will start the driver installation process. When asked for the driver, point to the "driver" folder on the CD-ROM.

When finished, windows will report that the driver installation was successful.

Next, install the ASCOM 5 platform which is located on the /software/ folder on the CD-ROM. When completed, proceed to the Atik wheel software, which is also located on the same folder.

Note: You should visit [www.ascom-standards.org](http://www.ascom-standards.org) to check if a newer version of the platform is available. The version included on the CD is 5a.

When completed, the wheel will be fully functional. Congratulations!

Turn over please...

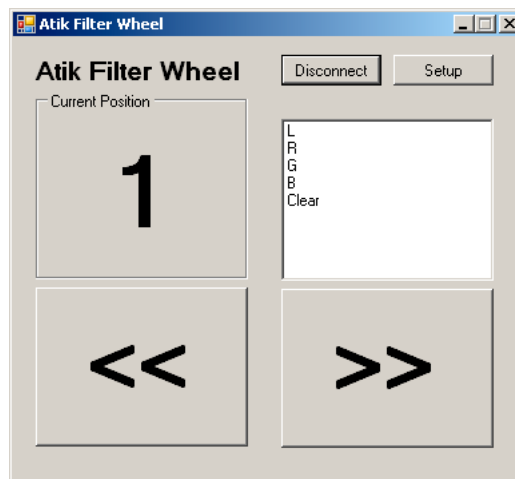




When you startup the the software, the above window will be presented. Pressing “Connect” will connect to the wheel immediately, pressing “Setup” will allow you to name the filters. Press “Setup” now, and the window on the right will be shown. Fill in the filter names at your taste.



After pressing “ok”, press connect on the main window, and the control window will be shown. This is a simple application wich will enable you to change the filter position, either by clicking on the next or previ-ous buttons, or by clicking directly on the filter name. Its operation is very simple, as it should be.



The USB controller is fully ASCOM compliant. This means that any ASCOM compliant application will im-mediately be able to control the wheel without any extra drivers. Please refer to your application manual on how to configure ASCOM filter wheels.

System requirements: Windows 98SE, 2000, XP, Vista, USB port. 12VDC power supply.