Installing the GPS Receiver

The supplied USB GPS receiver allows to log the geographic coordinates of the recorded .wav files from the Avisoft-RECODER software.

It is required to install a device driver for the GPS receiver. This can be done from the supplied NAVILOCK installation CD, from the GPS subfolder on the Avisoft Bioacoustics CD or from the manufacturer website www.navilock.com.

Once the GPS receiver is connected to the PC, a new USB device will be detected and its "USB-Serial Controller" driver should be finally installed.

The successfully installed driver is listed on the Ports section of the Windows Device Manager as a "Profilic-to-serial Comm Port":

![Device Manager](image)

Windows automatically assigns the GPS receiver to a virtual COM port (COM6 in the above example).
The installed GPS receiver can then be selected from the Avisoft-RECODER command ‘Options’/‘GPS Settings...’. By clicking at the Scan ports! button in the GPS receiver communication settings section, the GPS receiver will be detected automatically. Alternatively, you might select the serial port communication settings (port number and baud rate) manually.

The GPS data logging mechanism is activated from the option enable GPS receiver communication at the top of the dialog box.

See also the RECODER manual or click at the Help... button to get further information on how to set it up.

The optionally available notebook carrying frame also allows to attach the USB GPS receiver to it, which makes the entire system more convenient.

Alternatively, a battery-powered Bluetooth GPS receiver could be used, which would eliminate the additional cable connection. The principle of the data transfer is the same because the Bluetooth communication is established through a virtual COM port.