POI

# User Manual POI PILOT 6000 GPS alerter





#### **USER MANUAL**

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#### YOUR POI PILOT 6000 GPS ALERTER

Congratulations on purchasing this clever POI Pilot!

No more fleecing by speed traps!

The new POI Pilot 6000 is now even better:

- New hardware and software components.
- Even more up-to-date speed trap data.
- Even more comfort settings.
- Exchangeable rechargeable battery.
- $\bullet \ \, {\sf Also \ for \ motor cyclists-now \ with \ headphone \ connection.} \\$

Following you will find a step-by-step manual with detailed information about the different functions, tips, and tricks for optimal use in street traffic.

Enjoy!

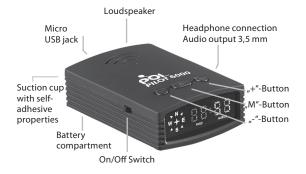
# Package contents:

- · POI Pilot 6000 GPS alerter
- Rechargeable battery
- Micro USB cable
- 12/24 V Car UBS charger
- Suction cup with self-adhesive properties
- User manual
- Software CD





#### PRODUCT OVERVIEW



#### **DISPLAY SYMBOLS**

# **Multi-function display**



#### Left section:

Travel direction indicator.

Note: if the travel direction indicator is still blinking, the GPS-Signal is not available.

# **Middle and right section:** Time (while standing).

Current speed in distance to the warning point in meters (during active warning).

The warning point-category is indicated by the text "fixed" and "mobile".



**ATTENTION:** If the suction cup no longer sticks, clean it with warm water and allow it to air-dry. Make sure there's no dirt and grease on the windshield before you reattach the cup. This ensures better adhesion.





#### **FIRST USE**

- Open the battery compartment on the bottom of the device by applying adequate pressure to the arrow and open the compartment in the direction of the arrow.
- 2. Insert the battery properly and pay attention to the correct polarity.
- 3. Close the battery compartment.
- 4. Connect the micro USB plug of the micro USB cord to the device and the USB plug to a compatible USB power adapter. After making sure that the battery is fully charged before the device is used for the first time, disconnect it from the power supply.





#### **DETAILED INSTALLATION - STEP BY STEP**

To install the software for the POI Pilot 6000 on your Windows PC in only a few steps:

#### Step 1

Place the POlbase CD in your drive and click on "poibase\_setup\_poipilot6000.exe". The installation then starts automatically.

#### Windows XP/Vista/7



Ordner öffnen, um Dateien anzuzeigen

der Systemsteuerung anzeigen

Weitere Optionen für die automatische Wiedergabe in

#### Windows 8/10





**NOTE:** In individual cases it can happen that your security software (firewall) blocks the installation from CD. In this case, please accept the download of our POlbase software directly or please download the POlbase software from our website. You will find this at www.poibase.com » Download.

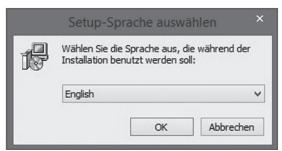
#### Step 2

In the POIbase web downloader, click on "Start installation".



# Step 3

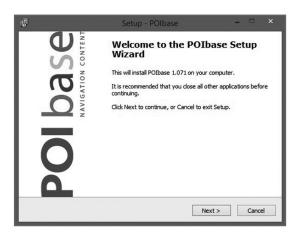
Now select the desired language and confirm your choice with "OK".







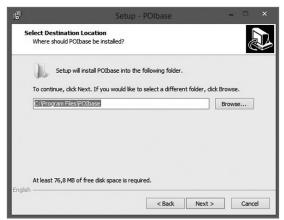
Confirm the installation in the POIbase setup assistant with "Next".



# Step 5

The save location of the POlbase program can now be selected.

We recommend using the save location indicated, since problems could otherwise arise. Confirm with "Next".







Please leave the start menu folder and confirm with "Next".



# Step 7

The target and start menu folder will be displayed once more. By clicking on "Install", the installation is started.





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# Step 8

The driver will now be automatically installed. This may take a few minutes. The installation is then concluded and can be confirmed with "Finish". The next step is registration.



#### REGISTRATION IN THE POIBASE SOFTWARE

After installation, a desktop icon can be seen in Windows XP/Vista/7, and a tile with the POlbase logo in Windows 8/10.

#### Step 1

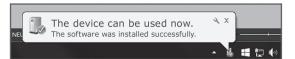
Connect your POI Pilot to your PC – by using the included USB-Cable. Turn off the POI Pilot now.

Open the installed POIbase-Software by a double-click on the Icon. The program is searching automatically for updates. Confirm this by pressing the "OK" button.

POlbase is restarting automatically. Now you have to registrate.



**NOTE:** If you want to install the software again or use it on a different PC, you do not need to registrate again. Log in as it is described in Step 2. Use your existent unser data.







**Step 2** POlbase automatically searchers for connected devices.



**Step 3**The POI Pilot is automatically recognised and can be selected.



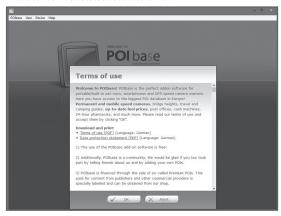
If you have already registered, you now only need to input your email address and your password. If you are not yet registered, leave all fields empty and click on "Register now".







The terms of use can now be read through and must be accepted. These can still be accessed at a later time.



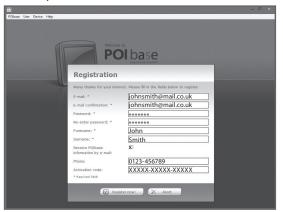
#### Step 6

Now enter the corresponding data into the mandatory fields. In doing so, ensure a valid email address is entered.



**ATTENTION:** The activation code is printed on the software CD. Include the hyphens when entering the activation code. U and V. O and D can be easily confused.

Then click on "Register now". Please enter here your address, email, and the activation code of your CD and the registration is successfully concluded.



The activation code can also be subsequently "Redeem activation code" under "Settings" activated.

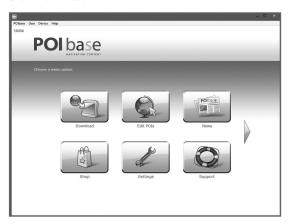




#### SELECTION AND TRANSFER OF SPEED TRAP POIS

After registration, you can directly select the desired speed traps and transfer them to your POI Pilot 6000. To do so, please proceed as follows.

Step 1
Click on "Download".



**Step 2** Proceed with "Download POIs".







All data can be found under "Safety & speed cameras".



# Step 4

In the upper row are listed the various higher-level categories. Simply click on the desired category.





**NOTE:** Because of the limited capacity of the storage you have to draw up a shortlist (ca. 100 000 POIs).





The speed trap categories can now be selected. You can do this either individually, by clicking on "Add", or completely, with "Add all" (in the black bar above).



**NOTE:** Please install only POIs from the category titled "Safety & Speed Camera".



# Step 6

After selection, you can either click on "Back" in order to select additional speed traps, or you can start the transfer by clicking on "...Update POIs".





**ATTENTION:** The download that follows may take some time. Please do not under any circumstances abort this process.





Complete update of the POIbase software.



**ATTENTION:** The extensive data and firmware update that follows may take up to approx. 30 minutes (!!!). During installation, do not connect or disconnect any other USB device to the PC (this can lead to problems and make repetition of the installation necessary).

#### Step 8

After complete installation, you can disconnect the POI Pilot from the PC via USB cable. On the display, the POI Pilot now shows you that the POI data is being loaded and afterwards restarts by itself. The pilot is now ready for use and can be used in a motor vehicle or on a motorcycle.



**NOTE:** The acoustic warning signal for mobile speed cameras is disabled by default. In order to be alerted of mobile speed cameras through an acoustic signal, this feature must be activated beforehand.





#### UPDATING THE SPEED TRAP POIS ON THE POI PILOT

We update our databank daily. It therefore makes sense to connect your POI Pilot with your PC from time to time and update the data.

To do so, you have only to double click the POIbase icon on your PC (desktop) and establish a connection via USB cable between PC and POI Pilot.

The main menu then appears. Click on "Download" and then click on "My selected POIs". You can now view your selection, add or remove POIs, and then simply click on "Update POIs".

The data are then reloaded and brought up to date.







#### POI PILOT 6000 FUNCTIONING AND OPERATION

The POI Pilot 6000 provides acoustic and visual warnings about particular points/dangers in road traffic. In doing so, the POI Pilot differentiates between the playback/warning about stationary and mobile speed trap locations, safety POIs with particularly dangerous curves, intersections, railroad crossings, speed bumps, and other POIs such as cheap petrol stations, opened emergency pharmacies, but also fast-food restaurants.



# **Basic settings**

The POI Pilot 6000 is already optimally configured for the requirements of most users, ex works. The following simple operating options are available via the three buttons (-/M/+):

# Adjust volume

The volume can be adjusted via the "+" and "-" buttons.

#### ⇒ Save location

For saving your location press the M-button for at least 3 seconds. You can assign the logged POI to one of the four POI types and add the speed limit, during the record. Logged POIs get transfered while the next update to the privat POI-category "My private POIs" » "Recorded POIs". They are now available to get edited in the interactive card.

Recorded POIs are not automatically published. To report new radar traps use the interactive card in the POIbase software. There you have the opportunity to move POIs from the private category "Recorded POIs" to public categorys for example "Speed cameras" (function change category).

# **⇒** Summer-/winter time

The clock adjusts automatically via GPS, but the user needs to set the time zone or summer-/winter time manually. Changeover between summer-/winter time:

Press the M-key, then press the "+" key repeatedly until a message appears. "5 – System settings", press the M-key.

The message "Time zone xy", appears; press the M-key, the adjusted time zone will blink on the display.

Change the time zone by pressing "+" or "-" and confirm the input by pressing the M-key.

# **⇒** Factory settings

If all three buttons ("M", "+", and "-") are pressed simultaneously for at least 3 seconds, all the settings are reset (the data is retained).





#### ⇒ Delete data

If the "+" and "-" buttons are pressed simultaneously for more than 3 seconds, all POI data (incl. the speed traps) will be deleted.



**NOTE:** The POI Pilot is supplied without data. You as the user decide yourself during installation via the POIbase software which POI types and categories should be installed.

In a stationary motor vehicle, the POI Pilot 6000 displays the time (give or take an hour according to summer/winter time). During the journey, the display changes and shows the current GPS-based speed.

During a POI warning, the display changes from the current speed to the distance in metres until the speed trap/POI is reached. If a warning pertains to a stationary speed trap, the word "Fixed" also appears on the display. If a warning pertains to a mobile speed trap, the word "Mobile" also appears on the display.

After installation, the POI Pilot warns by default about, for example, stationary speed traps twice, acoustically and visually, before the danger spot is reached. The first time for 25 secs and 10 secs. The possible mobile danger spots are only indicated visually for 20 secs and 10 secs. These settings are individually adjustable in expert mode.

# → Requesting battery status

The battery status is announced via voice response and appears on the display by pressing the keys "+" and "-" simultaneously and briefly.

# ⇒ Charging the battery

The internal battery will be charged regardless of whether the device is turned on or off. Charging time is 2 – 3 hours for an empty battery.

#### EXPERT MODE - CAUTION, ONLY FOR EXPERIENCED USERS!

The setting options are extensive and allow individual adjustment to your needs; however, they present a challenge for the first-time user.

Should your device fail to show the familiar or desired warning behaviour after modifying the settings, it would be best to reset to factory settings (press all three buttons -/M/+ for at least 3 seconds).

Alongside the warning settings for the four POI types 1.-4., there are system settings (5.), which affect all types.

#### Main menu

The main menu is reached by means of the M button. By means of the +/- buttons, you can jump from one menu item to the next. To select a menu item, press the M button again.
The following main menu items of the POI types can be selected:

- 1. Warning settings stationary speed traps
- 2. Warning settings mobile speed traps
- 3. Warning settings safety of POI
- 4. Warning settings other POIs
- 5. System settings



# POI

#### Suhmenu

After selecting an entry in the main menu using the M button, the device announces the first entry of the submenu, incl. of the current setting. Example "Acoustic Warning – OFF".

In order to change the "Acoustic Warning" setting, the M button is pressed and the setting blinks on the display. Using the +/- buttons, the setting can now be changed and saved with a signal tone by repeatedly pressing the M button. Using the +/- buttons, the next submenu item can now be selected or the setting can be changed again using the M button.

# Warning settings

The following submenus for the warning settings (main menu 1. - 4.) can be selected:

#### **⇒** Acoustic warning

- ON = An acoustic warning is always given for this POI type.
- OFF = An acoustic warning is never given for this POI type.
- SP = An acoustic warning is given for this POI type only when the permissible speed + an optionally adjustable tolerance is exceeded (SP is available only for stationary and mobile speed traps).



**NOTE:** Always let fixed speed cameras always announce.

# **⇒** Visual warning

• ON = A visual warning is always given for this POI type.

- OFF = A visual warning is never given for this POI type.
- •SP = A visual warning is given for this POI type only when the permissible speed and an optionally adjustable tolerance is exceeded (SP is available only for stationary and mobile speed traps).

# **⇒** Warning tolerance

(only for stationary and mobile speed traps)

- OFF = Without a tolerance, the warning in the SP setting is given when the highest permissible speed is exceeded.
- 1,3,5,10,15,20,25,30,35,40,45,50 km/h = The warning is given only when the highest permissible speed, plus tolerance, is exceeded.

# ⇒ Early warning time first warning

• 20,25,30,35,40 seconds = Sets the time point of the first warning. The longer the time, the earlier the warning is given.

# **⇒** Early warning time second warning

- OFF = No second warning is given.
- 5.10.15 seconds =
- Sets the time point of the second warning.

# ⇒ Warning angle

25 - 160 degrees =

The acquisition angle has a large influence on the reliability of the detection of speed traps after curves. For a high reliability, a large angle must be set. To avoid false warnings (e.g. speed traps on parallel streets), the angle must be reduced. Factory setting is 80°.

ractory setting is 60.







**NOTE:** When dealing with mobile speed cameras, set the angle for the warning to 25°. That way, you'll only receive an alert if you drive too fast.

#### Back to main menu

Via this submenu item, you can directly access the main menu. Alternatively, the device automatically switches after a few seconds to the normal view.

#### System settings

In order to access the system settings, the M button is pressed. The main menu items 1 – 4 can be skipped quickly using the "+" button. After the "System settings" announcement, this main menu item is selected using the M button, then follows the announcement of the first submenu item "Time zone" as well as of the setting "+1".

The following submenu items can be used in the system settings:

#### **⇒** Time zone

The time is automatically extracted from the GPS signal. In order to set summer/winter time, or to adjust the time to time zones of other countries, a time zone can be selected here.

# **⇒** Speed adjustment

The speed indicated by the POI Pilot is determined via GPS and is very precise. For legal reasons, the speedometer of a vehicle displays a somewhat higher speed. If you would like to calibrate the speedometer and display of the POI Pilot to each other, an adjustment can be made under this setting item.

# Display switch-off, if no warning

- NO = Display on and shows time, speed, or distance to warning point.
- YES = Display is activated only during a warning and is off between warnings.

#### ⇒ Day/night mode

- 0 = Automatic, display brightness switches automatically between day and night brightness depending on location and time (astronomical computation).
- 1 = Day, display brightness permanently set to day brightness.
- 2 = Night, display brightness permanently set to night brightness.

# **⇒** Brightness day

0-8 = Brightness in day mode.

# ⇒ Brightness night

0-8 = Brightness in night mode.

#### ⇒ Speed warning (cruise control)

- OFF = No warning about a fixed speed.
- 10 210 km/h = If the speed set here is exceeded, an acoustic warning is given independently of warning points. This function can be used, e.g., to be reminded of the maximum permissible speed of winter tires.

# **⇒** Battery Request

+/- press button simultaneous. The charging time oft he battery takes 2.5 hours.





#### **⇒** Delete data

- aDL = Delete all data, all data will be deleted from the memory of the POI Pilot. The data must be re-installed via the PC software to use it again.
- dOP = Delete own POI records, only POIs recorded by the user via the M button will be deleted.
- CAN = Cancel deletion.

# **⇒** Reset to factory settings

 YES = Resets all settings (warning settings 1. – 4. as well as system settings 5.) to default. Data is retained.

#### **⇒** Back to main menu

Via this submenu item, you can directly access the main menu. Alternatively, the device automatically switches after a few seconds to the normal view.





#### TIPS & EXAMPLES FOR EXPERT SETTINGS

# I would also like to receive acoustic warnings about mobile speed traps. Which buttons do I have to press?

- Press "M" button, the device switches to the main menu and announces the first main menu item, "Warning settings stationary speed traps".
- Press "+" button, the device speaks the second main menu item, "Warning settings mobile speed traps":
- Press "M" button in order to access the submenus of the "Warning settings for mobile speed traps" item.
- The device announces the first submenu item "Acoustic Warning" as well as the current setting "Off".
- Using the M button, the submenu item "Acoustic Warning" is selected and the display starts to blink.
- Using the "+" or "-" buttons, you can switch between the "ON" and "OFF" settings. In doing so, the device always announces the current set value. This value is saved via the M button; the setting is set.
- The device switches back to normal mode automatically after a few seconds.

# I would like to receive fewer warnings overall. Which settings are best?

If the device is giving you too many warnings, we recommend you change the following settings:

- Set the early warning time of the second warning to OFF, thus each warning point is only warned about once.
- Set the warning to the "SP" setting (warning only upon excessive speed).
- Deactivate entirely the acoustic warning for particular POI types.
- Reduce the early warning time for warnings.
- Reduce the warning angle.





# FAQS -FREQUENTLY ASKED QUESTIONS AND PROBLEMS

Problem	Cause	Solution
My POI Pilot is not/no longer being recognised by POI base.	<ul><li> USB cable defective.</li><li> USB jack is not being recognised.</li><li> USB connection of PC defective.</li></ul>	Try again with a different USB cable. Select a different USB jack, insert and remove the cable multiple times, restart the PC.
Activationcode already redeemed.		Login with the email address, with which the code has been redeemed. A renewed redemption is not necessary, the activation is stored in the account .
My activation code is not being accepted.	Code entered incorrectly.	Enter precisely the letters/numbers and characters imprinted on the CD. Please input the hyphens as well. U and V, 0 and D are easy to confuse.
Why do I have to pay for the speed traps?	Activation code not entered during registration.     If your free update period has expired.	Select Settings » Redeem activation code, to enter the code later.     Go to the shop our POlbase software and buy the new desired speed cameras service.
After a new POIbase installation, I can't re-register.	Already registered in the program.	Cancel the registration and log in with your email address and password.
How can I uninstall the program?		POlbase can be uninstalled in the control panel under Programs and Functions.
I'm not being warned about speed traps.	No speed traps transferred.     Speed trap warning switched off.	Transfer the speed traps to the POI Pilot.  Activate the speed trap warning in the menu of the POI Pilot.





# **FAQS - FREQUENTLY ASKED QUESTIONS AND PROBLEMS**

Problem	Cause	Solution
What should I do if the POI Pilot constantly alerts me of cameras that don't check my lane?		Please adjust the angle for the warning to the minimum (25 degrees) – especially with mobile cameras. This will significantly reduce false alerts. However, keep in mind that it might alert you either extremely late or not at all of cameras along the traffic lane after a bend, for example.
	Please reduce the warning time – especially when dealing with mobile cameras; the more you reduce the warning distance, the less likely you are to be warned of speed cameras focusing on the other lane/s.	
	Deactivate the acoustic warning of mobile speed cameras (or at least the second warning). As there are a lot of potential mobile speed traps, the problem is mainly that you're alerted of a mobile trap when there is none.	

You will find further answers to common questions and problems at www.poicon.com/en » Contact & Support » FAQS.





#### SUPPORT

#### 1. Online

In our online support area, you get:

- · free updates for many POICON products
- many tips, and important information about your product www.poicon.com » Contact & Support

#### 2. Email

For questions and suggestions, we're available to you free of charge via email at support@poibase.com.

# 3. Live Support

Incidentally, you can also get in touch with us directly via "Live Support" contact. Simply start the POlbase icon on your PC and click on the corresponding button.



We hope you enjoy your new POI Pilot

POICON Team Hamburg





#### SAFETY PRECAUTIONS

- This user manual shall familiarize you with the functions of this product. You should therefore always keep this manual somewhere safe, so that you always have it to hand.
- Please use the product only in the manner intended. Use in other ways may lead to damage either to the product or its environment.
- Do not change or modify the product, as this affects the safety of the product. Caution, risk of injury!
- Never open the product unauthorized. Never carry out repairs by yourself!
- Handle the product with care. It can be damaged by shock, impact or falling even from a moderate height.
- · Protect the product from moisture and extreme heat.
- Never submerge the product in water or other liquids.
- Ensure that the power cable does not present any hindrances to controlling the vehicle.
- Ensure that the power cable is not kinked or clamped and that it does not come into contact with sources of heat or sharp corners.
- · Subjects to technical changes and errors!

#### IMPORTANT INFORMATION



**ATTENTION:** It is your responsibility to ensure that use of the product in the relevant country is legally permitted.

#### DISPOSAL

Do not dispose of this appliance with your household waste. Contact the public collection points in your local municipality for proper disposal.

Ask your municipal offices about the location of such collection points and information regarding quantitative restrictions per day/month/year.







#### **TECHNICAL DATA**

 Operating voltage
 12 - 24V

 Electricity
 ≤ 300 mA

 USB
 Micro-USB

 Humidity
 ≤ 93% RH (40°C)

 Storage Temperature
 20°C ≈ +70°C

Storage Temperature  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$ Working Temperature  $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$ 

 GPS Chip
 UBLOX

 GPS channels
 50 channel

 Accuracy
 ≤ 10 m

 Sensitivity
 -160 dBm

 Startup Speed
 ≤ 5 seconds

 Running time of battery
 8 - 10 hours

#### **DECLARATION OF CONFORMITY**

Hereby PEARL.GmbH represented that the product PX-8499-675 is in compliance with the RoHS Directive 2011 / 65 / EU , the EMC Directive 2014/30 / EU and the R & TTE Directive 2014/53 / EU.

Kulan, A.

Qualitymanagement Dipl. Ing. (FH) Andreas Kurtasz 01.07.2016

The detailed declaration of conformity can be found at www.pearl.de/support.

Search for the article number PX - 8499

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