# Navilock GNS 5890 ADS-B MANUAL

**1090 MHz**

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## Introduction

The NAVILOCK GNS 5890 is the worldwide smallest ADS-B receiver with USB connectivity. All of our products are tested intensively before leaving the factory. Please read the following information carefully to ensure a problem-free operation and optimal functionality.
NAVILOCK GNS 5890 ADS-B Receiver is equipped with a high sensitive 1090 MHz ADS-B circuit.
The NAVILOCK GNS 5890 enables the utilisation of the virtual radar system ADS-B

## Safety notices

- Safeguard the NAVILOCK GNS 5890 from moisture; observe the limits on operating and storage temperatures.
- Do not expose the NAVILOCK GNS 5890 to direct sunlight or heat.
- Do not open or modify. Failure to comply will result in the guarantee and warranty becoming void. There are no components inside that can be serviced by the user.
- Only connect the NAVILOCK GNS 5890 to the connector types described in these instructions.
- Be sure to respect the laws of the country you are in with respect to operation of devices.
- Do not operate the NAVILOCK GNS 5890 with a damaged cord or if the unit has dropped and/or has been damaged.
- This product is intended for operation with power from a USB power supply. Other usage is not recommended any may destroy the device. Please use only the original accessories.

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## Package contents

- NAVILOCK GNS 5890 receiver
- Antenna (antenna base with rod antenna)
- CD with driver and software
- This user guide

*Should anything be missing, please contact your dealer.*

## Specification

- Support ADS-B 1090 MHz

## System requirements

- Windows 2000/XP/Vista
- PC or Notebook with free USB 2.0 Port
- Pentium 4,
- 512 MB RAM
- VGA Graphics card

## Driver Installation

- Switch on your computer.
- Connect the antenna to the ADS-B receiver
- Connect the ADS-B receiver to a free USB port of your computer
- Afterwards, Windows displays the Hardware wizard
- Install the NAVILOCK GNS 5890 USB driver from the CD

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## Software Installation (ADSBscope)

- The software does not need any installation and can be started directly. Please start the software "adsbscope22_256.exe" directly or from the CD menu "ADS-B Scope" by a click.
- For COM port settings please click to the button „Select COM Port"

    Port                : „X"  „X" may be different on your system (for example "4" , "6" or other)
    Baud Rate      : 115.200
- After the click at the "Connect" button you will see the data and position on your screen.

## Compliance:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Final clause

Information and data contained in this manual are subject to change without notice in advance. Errors and misprints excepted.

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## Remarks

For best reception the antenna must have direct view to the sky. The NAVILOCK GNS 5890 is also compatible to Planeplotter.
www.coaa.co.uk/**planeplotter**.htm
Settings as AVR receiver

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**Support Navilock**
If you have further questions, please contact our customer support
support@navilock.de.
You can find current product information on our homepage: www.navilock.com.
phone:+49 30 84716503 , mo. - fr. 09:00 a.m. - 04:30 p.m.
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