

Sven – quick instructions

Introduction

Sven is a Kanardia RS232 dongle that enables you to connect your Kanardia device (Nesis or Amigo) with the SkyDemon app running on your phone or tablet. It allows you to send route details from SkyDemon to the Kanardia system, which controls the autopilot.



Installation

Nesis

Sven for Nesis uses an RJ12 connector and can be inserted into any of the three Nesis RS-232 ports. Simply plug the device in and secure it with zip ties.

Amigo

Sven for Amigo uses a D-SUB 9 connector. Plug the device into Amigo and secure it with the two D-sub screws.

Setup

Nesis

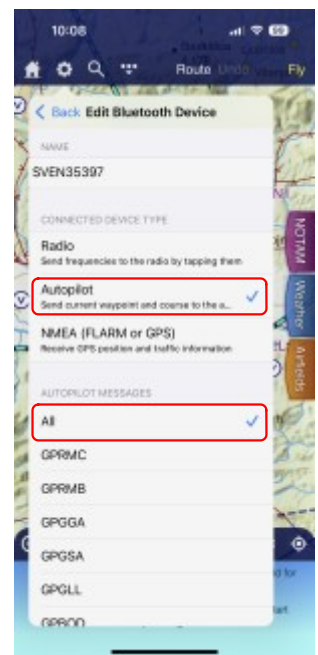
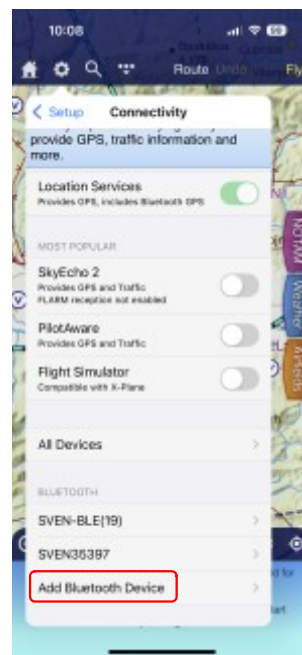
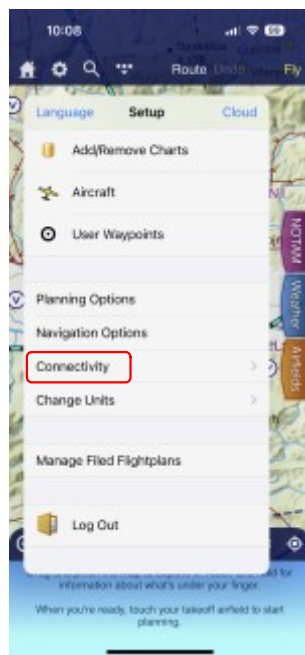
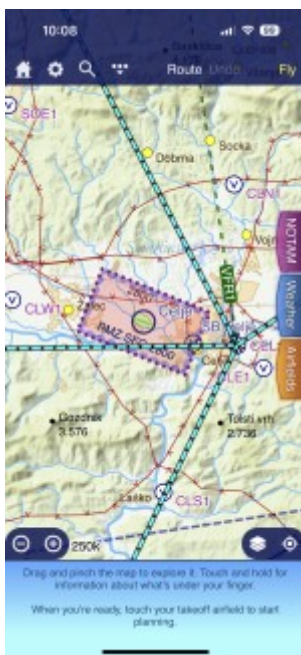
- Power on the Nesis device and go to: `Service > Settings > Serial Ports`.
- Select the port to which Sven is connected.
- Set the **Device Type** to **NMEA-in**.
- Nesis will restart after applying the changes.

Amigo

No additional setup steps are required at this stage.

Skydemon

- Open the app on your phone or tablet and tap the settings icon.
- Choose **Connectivity** and select **Add Bluetooth Device**.
- Sven will appear in the device list. Select it and modify the settings as follows:
 - **Connected Device Type:** Autopilot
 - **Autopilot Messages:** All
- Tap **Save** to confirm.



Flying

When flying open skydemon app, select desired route and tap Fly.

Nesis

- The letter **E** should appear (after apr. 30 seconds) in the top-right corner of the Nesis screen.
- Push the rotating knob and select **Navigation/ Follow external direct to**.
- Two bars will appear under the **E** icon. At this point, the autopilot system will begin to follow instructions received from SkyDemon.
- If you want to import complete preplanned route from Skydemon push the rotating knob and select **Navigation/ Import external route**. This command will import complete route from Skydemon to Nesis.

Amigo

- When **Fly Mode** is activated in SkyDemon, the **LNAV** button will change color to yellow.
- Press it, and the autopilot system will display following options: External direct to and External route. External route option will import complete route to the Amigo. Choose desired option and **LNAV** button will change it's color to blue. Begin following instructions from SkyDemon.
- The **EXT** indicator will appear in the bottom-left corner of the screen.