

# Garmin Connex (650)

ADS-B and flight plan transfers over bluetooth

# Garmin Connex Overview

Provides GPS Position and Flight Planning



- ▶ Wirelessly receive ADS-B weather, traffic, GPS & AHRS data
- ▶ Compatible with any app that speaks the Garmin Connex protocol

AHRS & ADS-B data source  
(FS210 or GTX 345)



Bluetooth  
Connection



- ▶ Bi-directional flight plan transfer capability is also supported with some EFBs

# EFB Compatibility & Capabilities

	Garmin Pilot	ForeFlight	FltPlan Go	Other Connex-Capable EFBs
ADS-B Weather	x	x	x	x
ADS-B Traffic	x	x	x	x
TargetTrend	x			
TerminalTraffic	x			
Attitude (AHRS)	x	x	x	x
GPS Position	x	x	x	x
Flight Plan Control	x	x	x	depends
Database Concierge	x			

**TargetTrend** displays the relative motion of traffic to your aircraft.

**TerminalTraffic** provides enhanced symbology to differentiate between airborne and ground traffic.



# Usage Overview

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Utilizing the capabilities of Connex follows the basic outline below:

## 1. Pair your device through the GTN650

- ▶ If you are having problems...
  - Pairing: Delete an existing device from the Connex device list
  - Reconnecting: Delete your device from the Connex device list and unpair the device from your tablet
  - NOTE: Only 2 devices can be connected at the same time, so you may need to turn off Bluetooth on another device

## 2. Connect your app via bluetooth

- ▶ Refer to your EFB app's user guide for more details on how to connect to a paired Connex device

## 3. Automatically receive: GPS position, AHRS data, traffic and weather

- ▶ You may also automatically receive updated flight plans from the GTN 650
  - Refer to your EFB app's user guide for more details

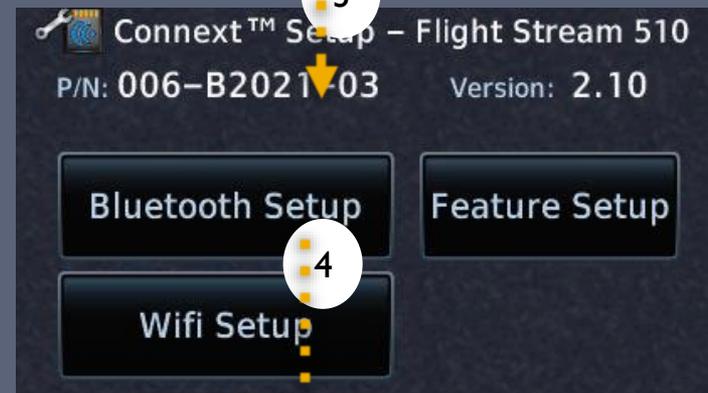
## 4. As desired, transfer a flight plan from your device to the GTN 650

- ▶ The GTN acts as “master”, so you will always need to manually initiate this transfer
  - ▶ Refer to your EFB app's user guide for more details
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# Pairing your Tablet

1. Press the HOME button
2. Scroll down to and select “System”
3. Tap “Connnext Setup”
4. Tap “Bluetooth Setup”
5. Verify “Pairing Mode” is in “Enabled” mode
6. On your tablet, go to the [Bluetooth Settings page](#) and select the Flight Stream device name (ex: N8237B FS210)



# Pairing your Tablet (Cont)

7. On the 650, tap “Yes” to pair the device when prompted

- ▶ You will also need to accept the pairing on your tablet

8. After pairing, your tablet will show up in the Manage Paired Devices screen

- ▶ A **green checkmark** means the device is paired and connected
- ▶ A **red X** means the device is paired but not connected



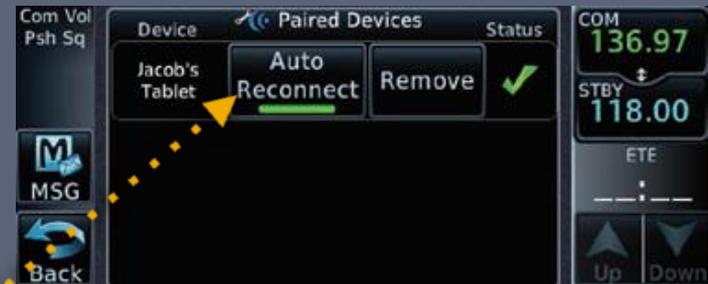
# Auto-Reconnect

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- ▶ By default, your device will automatically reconnect once it has been paired
  - ▶ If you are pairing another device as a backup, you may want to disable “auto reconnect”

- ▶ **To disable, follow these steps**

1. Go to Setup -> Connex Setup -> Bluetooth Setup
2. Scroll through the list to find the desired device
3. Tap “Auto Reconnect” to disable
  1. The green bar will turn off



# Unpairing a device

▶ If you are having trouble pairing, you may need to delete a paired device to make room for yours

▶ A maximum of 13 paired devices can be stored

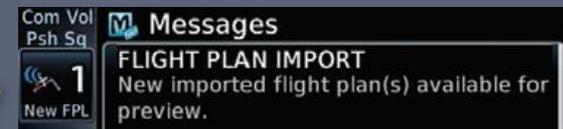
1. Go to Setup -> Connex Setup -> Bluetooth Setup
2. Scroll through the list to find the desired device
3. Tap "Remove" to remove the device



# Importing a Flight Plan

- ▶ The 650 is treated as the “master”, so you need to manually accept the flight plan after sending it from your tablet

1. A message will appear when a flight plan has been sent using Connex  
  - ▶ Press MSG to view the message
2. Tap “New FPL” to go to the Connex Flight Plan Catalog page



# Importing a Flight Plan (Cont)

3. Select the desired flight plan by tapping on it from the list of flight plans to import



4. From the Flight Plan Preview screen, you can store or activate the flight plan



- ▶ “Store” saves the flight for later use
- ▶ “Activate” activates the flight plan

