



## GPS 530 General Functions

This section is on general functions for new features including the VNAV page.

### **TIPS:**

**Power knobs is the upper left knob labeled: PWR/VOL**

To turn the power button on you must use the mouse wheel since this controls the power switch and brightness control at the same time. All knobs use the mouse wheel for turning and left clicking on mouse is for pushing buttons and pushing knobs.

### **TIPS:**

**New default & VNAV message functions: MSG**

The Message label MSG does not flash anymore and now appears solid each time a new message is available. Click the MSG to read the message and then press again to close the message window. The MSG label should now distinguish.

To turn off both general messages and VNAV message you must go to the VNAV page then press MENU. Use the small knob to select the choice then press enter to turn on or off. Next press CLR 2 times to return to the map page. Or press MENU then VNAV.



**GNS530**

# USER MANUAL



## MAP PAGES



Adding data fields to map

(Turn the bottom right knob to "Nav Map Page 2".)



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## TERRAIN PAGES



Turn on terrain coloring for map.

(Turn the bottom right knob to Nav Map page 3. Then press enter for on or off. Then switch back to Nav Map page 1 or page 2.)



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## CDI PAGE



## CDI function

( The CDI button manually switches the GPS receiver to the external VLOC receiver.)





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## VNAV PAGE



VNAV profile off.

( When the VS profile is less then 100 FPM the VSR and the begin descent time will not appear. )



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## VNAV PAGE



VNAV profile on.

( Once the VS profile is above 100 FPM the VNAV system.)



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VNAV PAGE





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## VNAV PAGE



## VNAV activated leg

(To activate a specific leg close the VNAV page and click the flight plan page "FPL" Push the cursor knob then turn the top right knob to move cursor. Next click the ENT key to activate selected leg. VNAV is set up for selected leg.)





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## VNAV PAGE



VNAV

altitude reference.

(Above Wpt is for increasing the reference altitude. Above MSL is for reference altitude above sea level. )



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## VNAV PAGE



VNAV target distance.

(Change this option to set the target distance before and after way point or destination.)



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## VNAV PAGE



VNAV message alerts.

(A message alert lets you know when to begin VNAV descent. And when approaching your target altitude.)



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## VNAV PAGE



VNAV message key.

(When pressing the MSG key the message window will show a message corresponding to the alert.)





## VNAV PAGE



VNAV message options.

(Pressing the menu key will open the menu page for VNAV options. You must be in the VNAV page for the menu to show these options. Use the small knob to cycle the option and press enter to select. Then press menu key to close window. )

Messages can be turned off for the entire flight by selecting messages off. Restore defaults will set all target inputs to zero. Otherwise the system will store your settings until your reload the aircraft. Only VNAV messages will appear when the VNAV page is open. Default airspace message will only appear when the VNAV page is closed.

### New default & VNAV message functions: MSG

Message label does not flash anymore and now says MSG when a new message appears. Click the MSG to read the message and then press again to close the message window. The MSG label should now distinguish.

To turn off general messages and VNAV message you must go to the VNAV page then press MENU. Use the small knob to select the choice then press enter to turn on or off. Next press CLR 2 times to return to the map page. Or press MENU then VNAV.



**GNS530**

## **USER MANUAL**



### Version 1.0 Updates Include:

1. Procedure page options (Activate vectors to final / Activate approach / Select approach) can all now be selected when rotating the large knob.
2. Pressing the clear button now closes the PROC and FPL pages.
3. Removed almost all gauge warnings if you use a debug option in your sim. The last few are just extra spaces and will not effect the gauge performance. But due to the debug software it will not show the location to remove these last few warnings.

### Version 1.1 Updates Include:

New procedure for the messages. Read the tips or VNAV message options.