





## XGPS160 v2.5.4/v3.5.4 Update Guide via the SkyPro GPS Status Tool App

- A. To update firmware by using the SkyPro GPS Status Tool app, you will need:
  - XGPS160
  - Mobile device that runs on iOS and supports Bluetooth connectivity
  - SkyPro GPS Status Tool app (free download from App Store)

## B. Update Instructions

 Turn on XGPS160. When it is on, its Bluetooth LED (blue light) should keep blinking, which means it is NOT connected to any devices via Bluetooth. Note: Make sure the data log LED (orange light) is turned off on XGPS160 and disabled on the

SkyPro GPS Status Tool app. To disable this feature from the app, go to "Setup" and choose "No" for "Always record position when turned on:".

2. Enable Bluetooth on your Apple device, then pair it with XGPS160.

(Every XGPS160 has a unique 6 digit code. The XGPS160 used for this update process is 3F6F52. Please see the picture below.)



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3. Now, open the SkyPro GPS Status Tool app.



4. Under "Device Status", the current firmware version should be displayed. Note: For firmware update, XGPS160 does not have to be receiving any GPS data.

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Status					
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XGPS160 De	vice Status				
Connecting Dev	vice XGPS	160-3F6	F52		
GPS Battery	90%				
Firmware Versio	n		2.4.8		
Position Info	rmation				
Latitude	Waiti	ng for s	at d		
Longitude	Waiti	ng for s	at d		
Altitude	Waiti	ng for s	at d		
UTC	Waiti	ng for s	at d		
Heading	Waiti	ng for s	at d		
Speed	Waiti	ng for s	at d		
Position Confidence					
Horizontal					
Status Satellite	S rs Trips	Setup	<i>i</i> About		

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5. Go to the "Setup" tab, then press "Check Update".

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Preferred Units					
Show speed in:					
knots	mph	kph			
Show altitude	Show altitude in:				
feet		meters			
Display positi	on as				
12°34'56"	12°34.56	12.3456°			
Always record position when turned on:					
Yes		No			
When memory is full:					
Overwrite	old	Stop recording			
Supporting an app with old Dual SDK					
Yes		No			
Current firmware v2.4.8 Check Update					
Status Satelli	tes Trips	Setup i About			

6. Follow the below instructions available from the SkyPro GPS Status Tool app.

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Preferred Units	Preferred Units	Preferred Units
Show speed in:	Show speed in:	Show speed in:
knots mph kph	knots mph kph	knots mph kph
Show altitude in:	Show altitude in:	Show altitude in:
feet meters	feet meters	SkyPro GPS
Current firmware : 2.4.8 New firmware : 2.5.4 Would you like to update the firmware of your XGPS160 ?	A construction of the XGPS160 and do not press the home button while updating.	D Update complete. XGPS160 will disconnect. After forgetting the device in the bluetooth paired lists in the iOS device, pair it again.
When memory is tuil:	When the more y is run.	W OK
Overwrite old Stop recording	Overwrite old Stop recording	
Supporting an app with old Dual SDK Yes No	Supporting an app with old Dual SDK Yes No	Supporting an app with old Dual SDK Yes No
Current firmware v2.4.8 Check Update	Current firmware v2.4.8 Check Update	Current firmware v2.4.8 Check Update
Status Satellites Trips Setup About	Status Satellites Trips Setup About	Status Satellites Trips Setup About

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7. Once the firmware update process is completed, go to the "Bluetooth" settings on your Apple device. Then, press "Forget This Device".



8. Pair your Apple device again with XGPS160.

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<b>&lt;</b> Settings <b>B</b>	Bluetooth	
XGPS150-2E2.	Not Con	nected (i)
XGPS150-2E4.	Not Con	nected (i)
XGPS150-35F.	Not Con	nected (i)
XGPS160-3B8.	Not Con	nected (i)
XGPS160-3F6F	52 Con	nected (i)

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9. Open the SkyPro Status Tool app again, and check if the newest firmware is successfully loaded on XGPS160.

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Status i				
Device Statu	IS			
Connecting Dev	vice XGPS	160-3F6	F52 •	
GPS Battery	96%			
Firmware Versio	n		2.5.4	
Position Info	rmation Wait	ina for s	at d	
Latitude	Wait	ing for s	at d	
Altitude	Wait	ing for s	at d	
UTC	Wait	ing for s	at d	
Heading	Wait	ing for s	at d	
Speed	Wait	ing for s	at d	
Position Confidence				
Status Satellites	5 Trips	Deviation	Setup	

Please contact us at <u>cs@dualav.com</u> if you have any questions for the firmware update process.

## Thank you for choosing Dual Electronics!