

Sangean DPR45+ Software Upgrade Procedure - Compatible for Windows 7

(Please do not perform this upgrade using a laptop)

Step 1: Extract the attached file "All Tool" and save to your computer



Step 2: Please check if the driver has been installed on your computer.

- a) Connect USB Cable with PC and DPR45+
- b) Turn radio on, press and hold INFO/ADVANCED Button
- c) Rotate TUNING knob to select "UPGRADE" > "YES" until display "DOWNLOAD"
- d) Open the Console/Control Panel and go to Device Manager

To check if the driver has been installed, please refer to images below-

Figure A



Driver has been installed

Figure B

🚔 Device Manager		- 0 ×
File Action View Help		
File Action View Help	The driver has not yet been installed	n
▶		
Sound, video and game controllers		
▶		
Universal Serial Bus controllers		

Driver has not yet been installed.

If the Driver has been installed, please go to Step 3.

If the Driver has not been installed, please skip Step 3 and go directly to Step 4.

Step 3: Uninstall the driver

a) Please right click to uninstall the driver

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Processors	
Note: Sound, video and game controllers	
b 1 System devices	
Universal Serial Bus controllers	



b) Click delete the software of the driver and click 'Yes'



b) There is now no message on the computer – in device manager

Step 4: Please go to Test Mode on the Windows 7

- a) As Step 1) Download the attachment (GyroUpgrade for Window 7 PC) and find the folder "DABDriverTool":
- b) Copy folder "DABDriverTool" and save to C:DABDriverTool

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Double Clicked on "GyroUpgrade for Window 7 PC"



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Copied folder "DABDriverTool" and pasted folder in C Drive

C: Drive now has the following-

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c) Double click on "DABDriverTool" : and the following will appear

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File Edit View Tools He	lp						
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4 items							

- d) Double click on "DirverTuneOn.Bat" and Click "Yes"
- e) Restart Computer



Step 5: Perform the Software Upgrade

- a) Connect USB Cable with PC and DPR45
- b) Turn radio on, press and hold INFO/ADVANCED Button
- c) Rotate TUNING knob to select "UPGRADE" > "YES" until display "DOWNLOAD"

Step 6: Install the USB Driver

- a) Opened the Control Panel and opened "Device Manager"
- b) Double click as below "device name"
- c) Update the driver program

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Ports (COM & LPT)	
Processors	
Image: Sound, video and game controllers	
👂 🚛 System devices	
⊳ - 🟺 Universal Serial Bus controllers	

Click on 'Nexillon USB2.0 High Speed Device Controller

N	lexilion US	SB2.0 High Speed	Device Controller Properties	x					
	General	Driver Details							
	1	Nexilion USB2.0 High Speed Device Controller							
		Device type:	Other devices						
H		Manufacturer:	Unknown						
		Location:	Port_#0006.Hub_#0004						
	Devic The (e status drivers for this devic	e are not installed. (Code 28)	A					
	There eleme	e is no driver selecte ent.	ed for the device information set or						
	To find a driver for this device, click Update Driver.								
			Update Driver						
Ľ			ОК С	ancel					

Selected 'Update Driver'



d) Browse the driver – Select Option 2 – and attached "Gryo_Win7Driver"



Select Browse my Computer for driver software

e) Browse "Gyro_Win7Driver", click "Gyro_WinDriver", click Yes

Click Browse> go to where you saved "All Tool" file and select "Gyro_Win7Driver"

Browse For Folder)
Select the folder that contains drivers for your hardware.	I have tried this by selecting 'Gyro_Win7Driver' and by selecting 64bit using a 64 computer and selecting 32bit using a 32 bit computer
OK Cancel	Click "OK"
	1

f) Click next



g) If the following message appears, select "Install this driver software anyway"





h) Driver Software Installing

\bigcirc	Update Driver Software - Nexilion USB2.0 High Speed Device Controller	×
	Installing driver software	

Windows has successfully updated your driver software. Press "CLOSE"



C	DabGeneric DAB3K3 series Properties							
	General	Driver Details						
	1	DabGeneric DAB3K3 series						
l		Device type:	Other devices					
		Manufacturer:	DabGeneric					
		Location:	Port_#0006.Hub_#0004	1				
	Device status This device is working properly.							
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			Clo	use Ca	ncel			

Press "CLOSE"

The following now appears in the Device Manager

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File Action View Help	
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> 📲 Computer	
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babGeneric DAB3K3 series	
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Sound, video and game controllers	
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Step 7: Perform the Upgrade

a) Open the attached file "DownloadTool-120622": This is located where you saved the file

ile Edit View Tools Help					
Organize 🔻 New folder				()EE 💌	
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Double Click on "DownloadTool-120622"

b) Double click on the application "GsFOX1128Ex.exe

ile Edit View Tools Help					
Organize 🔻 New folder				≣ ▼	
🔆 Favorites	Name	Date modi			
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🙀 Network					
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The following will appear-

GsFox1128/1129/113x(V1.0.2.8)				X
Upgrade Image					
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Upgrade image propertie Customer version:	es UI da	te code :	SDK Lib Version:	SDK L	.ib date:
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DAB PLUS+	🔲 DMB Radio 🔲 IPOD	CHINA BAND	L BAND EUROPI CD SUPPORT	E 🔲 L BAND CANADA 🔲 SLAVE MODE	DAB/FM Record
🔲 Multilingual					
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Flash erase Programming Verifying Gs113x was connected					GyroSigna
<					Ψ •

c) Open the file Software (Select "Software_DPR45" folder > "Gs1128.usbx" file

Click "OPEN" and then you will be given the option to find the folder which was saved at the beginning.

The following will appear

1128 Image Name: H:\Upg	rades - TestVAII To	ol\Software_DPR-45\	Gis1128.usbx	OPEN	Programming
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🔲 Ignore programming data	Data flash addr	ess <mark> 0x1F0000</mark>	Prog data:	none	E XII
Upgrade image properties					
Customer version: VA3.0	UI date c	ode : 1301101425	SDK Lib Version: 1.28.	106 SDK Li	ib date: 1201062046
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Module firmware properties Customer version: VA3.0 Module firmware configuration—	UI date c	ode : 1301101425	SDK Lib Version: 1.28.	106 SDK Li	b date: 1201062046
🔽 DAB PLUS+	MB Radio	🗌 CHINA BAND	🔲 L BAND EUROPE	🔲 L BAND CANADA	DAB/FM Record
IF FM ☐ IF ☐ Multilingual	POD	MP3 Player	CD SUPPORT	SLAVE MODE	🔲 DAB/FM REWIN
ash erase					CuroSian
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TO CLARO CONTROL 1					Gyrosign



d) Click "PROGRAMMING" to upgrade

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Upgrade image proper Customer version:	vA3.0 UI d	ate code : 1301101425	SDK Lib Version: 1.28.1	06 SDK	Lib date: 1201062046
 ✓ DAB PLUS+ ✓ FM Multilingual 	DMB Radio	CHINA BAND	☐ L BAND EUROPE ☐ CD SUPPORT	☐ L BAND CANADA ☐ SLAVE MODE	DAB/FM Record
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DAB PLUS+	DMB Radio	CHINA BAND	L BAND EUROPE	☐ L BAND CANADA ☐ SLAVE MODE	DAB/FM Record
Flash erase					GyroSigna
Gs113x was not connect	ed!				

The Software should now be upgraded.

To check the Software has been upgraded. To check the new Software on the radio, please do the following-

Software version display

1. Press and hold the Info button to enter the Advanced Information.

2. Rotate the Tuning control until the display shows "SW VER". Press the Tuning control again to

show your digital receiver's software information.

3. After a few seconds your digital receiver will return to the normal radio display mode.

The first 4 letters of the Software Version should display : **<u>AUBB</u>**

The last 4 letters of the Software Version should display the same as it did originally (AUAA, AUAB) or AUAF)