

Technical / News Bulletin

BULLETIN DETAILS				
Product Group:	Power			
Model Affected:	All Power Chairs with VR2 Power Module			
Effective Date: 01.04.2023	Serial No. Effective From: N/A			
Bulletin Subject:	New VR2 PM2 Power Module			

A new mobility programmer 6.2.0 has been released to be able to program power chairs in the future, due to a necessary microprocessor update for all VR2 power modules (from 50A to 90A),

The new dealer mobility programmer version (16.2.0) can be downloaded through WebIQ in the section shown in the screenshot below:

> <u>Dealer Area</u>	
→ <u>Login</u>	
→ <u>Chair Details</u>	Applications and Executable files
→ <u>Sunrise Quickie</u> <u>Powerchairs</u>	Durantias Without 6, 0, 2, 0, Justallas que
→ Sunrise HCM Powerchairs	Dynamics Wizard6.0.2.0 Installer.exe moVis_configurator.exe
→ <u>Programming</u> <u>Software</u>	Compressed downloads of all files
→ <u>Support</u> Documentation	
→ <u>Software Downloads</u>	R-Net Dongle Drivers - Certified inc Windows 7.zip
⇒ <u>Plan B</u>	<u>R-Net Setup Dealer Sunrise EU 6 4 0.zip</u> R-Net Setup OEM Sunrise EU 6 4 0.zip
Alter Matrix	Setup Mobility Dealer Std 16 2 0.zip
> Documents	USB Serial Converter (PC Programmer).zip

New VR2 PM2 features:



1. The new VR2 PM2 hardware can be identified with the label having the additional number attached:



2. The new VR2 PM2 power module has an additional connector attached that has NO function.

3. Follow this sequence when programming:

- A. Connect the chair to the dongle with the programming interface cable.
- B. Switch the chair on.
- C. Start the mobility programmer on your PC.
- (The programming software will then automatically detect the Hardware version VR2 or VR2 PM2)
- D. Load the appropriate setup and continue as usual with the programming.

4. When trying to upload the parameters whilst the mobility programme Is open and the powerchair connected. If you get the message (in the image below), follow the procedure of item 3

File Controller Type Name Name <th>PG Drives Technology - Mobility PC Programmer</th> <th></th> <th></th> <th></th> <th></th> <th>- 0</th> <th>×</th>	PG Drives Technology - Mobility PC Programmer					- 0	×
Description M2 Delaul/Program 0Aod> File Name 0400_VF2_90A_FR0_FW0_ ✓ Program Program Presets IF No Yes Group AI ✓ Vahicle Serial Number Controller Type Number ✓ Write to Controller Speed Settings ✓ The controller connected is not controller or file. Prof OK 3 4 Deceleration 15 - 4 65 - 4 65 - 4 Tum Acceleration 10 - 5 30 - 30 - 3 30 - 30 - 4	File Controller Tools Options Help						
File Name Q400_VR2_90A_FR0_FW0_ ✓ Program Program Presets No Yes Yes Group IA Yes Yes Controller Type Number Write to Controller The controller connected is not compatible with the current file. Speed Settings Profi OK 40 ± 50 ± 30 ±	<u>1868 B</u> 1						
Program Presets R No Yes Group Al Y Vehicle Serial Number Controller Type Number Speed Settings Prof OK 3 4 5 Acceleration 15 + 65 + 65 + 65 + 65 + 75 + 75 + 75 + 7	Description VR2 Default Program <mod></mod>						
Group M Vahicle Serial Number Controller Type Number Write to Controller X Speed Settings The controller connected is not compatible with the current file. 3 4 Speed Settings OK 3 4 Deceleration 15 ± 60 ± 60 ± Turn Acceleration 10 ± 30 ± 30 ±	File Name 0400_VR2_90A_PR0_FWD_	✓ Program	n				
Controller Type Number Write to Controller X Speed Settings The controller connected is not compatible with the current file. 3 4 5 Acceleration 15 ± 60 ± 40 ± 60 ±	Program Presets © No C Yes						
Controller Type Number Speed Settings Prof OK 3 4 5 Acceleration 15 ± 60			INumber				
Speed Settings OK 3 4 5 Prot OK 3 4 5 Acceleration 15 ± 65 ± 65 ± 65 ± Deceleration 15 ± 65 ± 65 ± 65 ± Tum Acceleration 10 ± 30 ± 30 ± 30 ±	Controller Type Number Write to	Controller	×				
Acceleration 15 ± 60 ±	Speed Settings						î
Deceleration 15 ± 45 ± 46 ± 65 ± 45 ± Turn Acceleration 10 ± 30	Prof		ОК	3	4	5	
Turn Acceleration 10 + 30 + <th>Acceleration</th> <th>15 🔶</th> <th>40 _</th> <th>40</th> <th>40 -</th> <th>40 ÷</th> <th></th>	Acceleration	15 🔶	40 _	40	40 -	40 ÷	
	Deceleration	15 🔹	45 _	45	45 -	45	
Turn Deceleration 10 + 30 + 30 + 30 + 30 +	Turn Acceleration	10 🗘	30 🗡	30 -	30 -	30 ÷	
	Turn Deceleration	10 ÷	30 +	30 *	30 *	30 ÷	
Max Min Max Min Max Min Max Min Max Min >	<	Max Min	Max Min	Max Min	Max Min	Max Min	, v

5. Programming and operating the chair with VR2 PM2 is the same as the current version

6. The mobility programmer version can be identified by clicking on the red/yellow question mark button.

SPG Drives Techn	ology - Mobility PC Programmer	
File Controller T	ools Options Help	
	} 😫 🛉 😼 🐼 ? ◄──	
Description	VR2 Default Program <mod></mod>	
File Name	0400_VR2_90A_PR0_FWD_	✓ Pr

7. All VR2 Joystick modules (Current and Legacy) are 100% compatible with the new VR2 PM2 module.

The new mobility programmer is compatible with all VR2 power modules in the field.

For any queries on any of these updates please contact your local Area Sales Manager.

Customer Services	Customer Support	Technical Service Centre	E-mail
Telephone:	+44 (0)845 605 66 88 Option 1-1	+44 (0)845 605 66 88 Option 1-2	enquiries@sunmed.co.uk