

The Grid 2 and The PowerBox MOTION access

## How to set up scanning with an external switch & ECU

The switch jacks and GEWA environmental control module are located in the backbox of the PowerBox MOTION.

The important information is to find which COM port has been assigned to the ECU and switch ports. This is most readily achieved as follows:

Open The Grid 2, go to EDIT > Preferences> environment control > transmitters > GEWA – then view the Com port assigned. If no Com port is shown, select AUTO DETECT and it should provide the Com port. If in future the backbox is disconnected and re-connected or alternative USB devices are used in the USB port of the MOTION tablet, this number may change.

To view the switch connections as they relate to the The Grid 2, please carry out the following steps:

- Open The Grid 2, and you will see the Grid Explorer
- Click once on a user and then you can access the USER SETTINGS for this user.
- Go to the menu bar at the top and select EDIT then USER SETTINGS.

To set up the switch connection for a particular user please follow these steps:

- Click on the USER to highlight.
- Open USER SETTINGS from EDIT in the menu bar.
- Click on INPUT SETTINGS, THEN switch (SELECT 'enable switch connection'), then CONNECTION. Here select 'joycable' then the COM port identified from the steps described above.
- Test the switch when plugged in, by observing the boxes and circles in the bottom left of this dialogue box. They display the colours when the switch is connected correctly and activated.

Next carry on adjusting the scanning settings as you require.

User Settings - 0908 David Winder			
General settings	Connection		
Appearance settings	Select the type of connector used to plug your switch(as) into the PC. You can also		
▼ Input settings	specify filters to ignore accidental switch presses.		
م الم	Switch adaptor: Port:		
Switch	USB Joycable		
Connection	Switches available: 2		
Scan pattern	Image: Filter short switch presses   Ignore switch presses shorter than:		
Switch actions	✓ Filter repeat switch presses		
	Ignore repeat presses within: 0,1 seconds		
Switch input test:	Use long hold for extra switch actions		
Result of switch press:	Time to hold switch for long hold: 4 seconds   Image: Play sound on long hold + +		
Long hold detected			
Switch repeated too soon	Ok Cancel		

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the Pointer	Switch adaptor:		Port:
Switch	USB Joycable	-	4
Connection	Switches available: 2		
Scan pattern	Filter short switch presses Ignore switch presses shorter than	0.2	seconds
Switch actions	Filter repeat switch presses Ignore repeat presses within:	0.1	+ seconds
Switch input test:	Use long hold for extra switch ac Time to hold switch for long hold:	tions	+ seconds
Result of switch press: Switch press accepted Long hold detected	Play sound on long hold	-   }	+
Switch press too short Switch repeated too soon		Ok	Cancel