Technical Note PMSB-330 and PowerBox Systems GPS-2

Customer who wants to use the PMSB-330 IAS Speed Sensor in parallel with the GPS-2 please follow this procedure. GPS-2 must have software 0.1.1 or above.

- 1. Connect the GPS-2 with USB cable to you PC, apply power and start the PB terminal programm. If not done already you can dowload the terminal programm from the PowerBox Systems web site.
- 2. Inside the terminal programm click on tab GPS-2.
- 3. Follow the procedure
- 4. After the GPS-2 configuration page has opened select Multiplex MSB
- 5. Please de-select the sensor adress #9 3D speed and speed 3D max. (no adress, just a dash). Keep the other adresses as shown in the picture below.

PowerBox Terminal V2 – 🗆 🖻						
Software Update	Save / Restore	LightBox	GPS II	Teleconverter	PowerBox Systems	
		PowerExpander	iGyro 3e	iGyro 1e	World Leaders in BC Power Supply Systems	
		MicroMatch			/	
GPS Konfiguration	Optimiert für Geschwindigkeitsmessung Optimiert für Positionsbestimmung				GPS II	
Adress Konfiguration	ation Alarm Konfiguration					
Speed 3D		Speed Alarm	ı	900 km/h		
Speed 3D max. 🗧		Höhe Alarm	·	2000 m	<u> </u>	
Höhe 🥧	10	Distanz Aları	m	5 km		
Höhe max. 🛛 📲						
Distanz 🥧	11					
Distanz max. 🗧						
Distanz zurückgelegt	12					

- 6. Use a V-Cable in order to connect the GPS-2 and the PMSB-330 to the PB Mercury or the PB Royal SRS GPS port.
- 7. For further information please refer to the PMSB-330 manual.

**Mercury and Royal SRS** will now get the adaptive speed data from the PMSB-330 and can transmit IAS speed, distance, trip distance and altitude values via telemetry stream to the attached RC system. This means a double win situation for the customer.

Please note that GPS Longitude and Latitude data will not be sent and provided inside the telemetry stream.

Futaba PB Sbus-2 display will provide:	V-Batt1 V-Bat2 Bat1 Capacity (only Royal SRS) Bat2 Capacity (only Royal SRS) Fades RX1 Fades RX2 Lost Frames Holds IAS Speed from PMSB-330 Altitude Distance Trip distance
Jeti-EX display can provide:	V-Batt1 V-Bat2 Bat1 Capacity (only Royal SRS) Bat2 Capacity (only Royal SRS) Failsave Frames Fades RX1 Fades RX2 IAS Speed from PMSB-330 Altitude Distance Trip distance

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