

## Connecting Thies "First Class" Sensors to Symphonie, SymphoniePLUS and SymphoniePLUS3 Loggers

It is possible to record data from Thies sensors using all Symphonie logger models. Below is a list of the necessary equipment, the logger settings, and connection diagrams.

### Equipment:

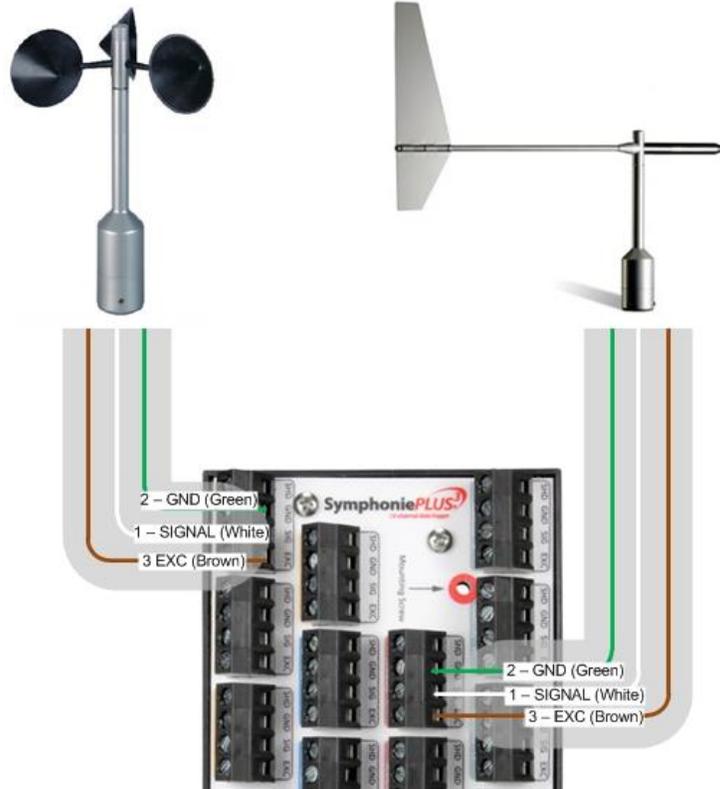
- Connected iPack/iPackGPS (or external 5V – 42V DC supply)
- Anemometer # 4.335x.x0.000
  - For **SymphoniePLUS3** loggers, use the Universal Anemometer **channels 1-3 or 13-15** for improved power conservation (**no SCM required**). If these channels are not available, use 3151 Digital Anemometer SCM in channels 4-6.
  - For **Symphonie/SymphoniePLUS**, use **3151 Digital Anemometer SCM** in **channels 4-6**.
- Vane # 4.3151.X0.210 (*only compatible model*)
  - This vane will work with the logger's preconfigured vane channels 7-8 or in any analog channel with the **3152 Vane SCM**

Logger Settings (all types)			
Sensor Type	Anemometer		Vane
<b>Sensor Model</b>	#4.3350	#4.3351	#4.3151
<b>Slope</b>	0.04778	0.0459	0.351
<b>Offset</b>	0.234	0.21	(depends on boom orientation)

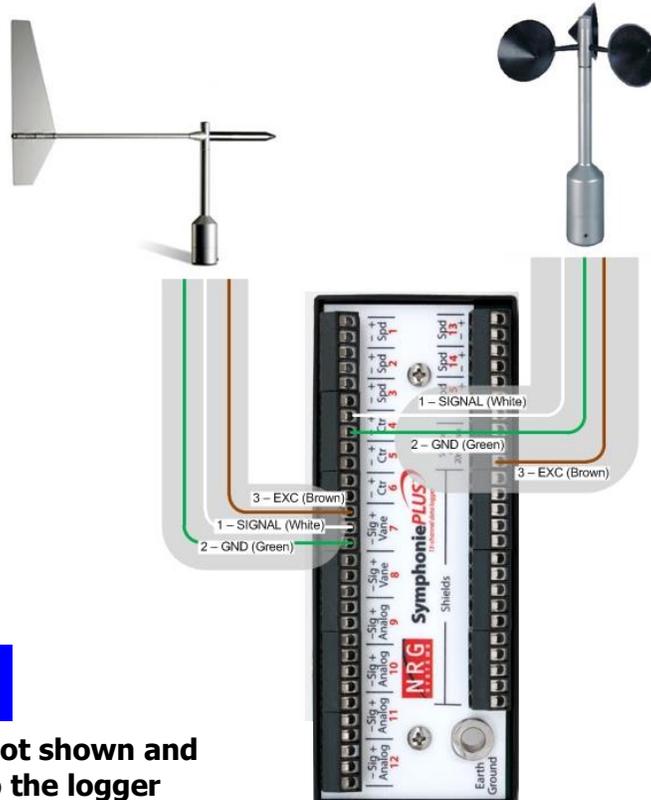
Anemometer Connections		
Sensor Wire	SymphoniePLUS3	Symphonie/ SymphoniePLUS
1 - SIGNAL (White)	SIG	Ctr +
2 - Ground (Green)	GND	Ctr -
3 - Supply (Brown)	EXC	Sensor +12V
(Yellow)	Not used	Not used
Shield	SHD	Shields

Vane Connections		
Sensor Wire	SymphoniePLUS3	Symphonie/ SymphoniePLUS
1 - Signal (White)	SIG	Vane Sig
2 - Ground (Green)	GND	Vane -
3 - Supply (Brown)	EXC	Vane +
(Yellow)	Not used	Not used
Shield	SHD	Shields

**Settings and Connections:  
SymphoniePLUS3 connections shown on channels 1 and 7:**



**SymphoniePLUS connections shown on channels 4 and 7 (for Symphonie loggers, refer to below):**



**NOTICE**

**The yellow sensor wire is not shown and should not be connected to the logger**