

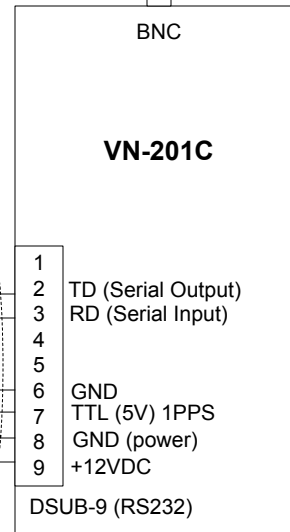
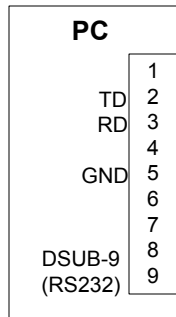
# FURUNO GPS - OEM / Timing Division

## VN-201C (GN-80) Evaluation Kit

### Quick Installation Sheet

#### Step 1

Connect antenna to VN-201C BNC connector  
Mount antenna in a suitable outside location



#### Application Notes:

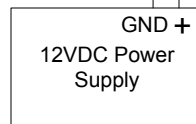
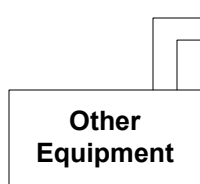
12 volt power supply (regulated @1A or higher)  
Memory Back-up: >8 years (evaluation kit only)  
Communication Method: Full Duplex, Asynchronous  
Data Speed: 4800 bps  
Data Length: 8 bit  
Parity: None  
Stop Bit: 1 bit  
Code: ASCII Code  
Signal Line: TD/RD  
Signal Level: RS232  
Data: Refer to GN-80 receiver protocol specifications  
**See "Specifications Guide" for more information**

#### GN-80 Parameters

Please refer to the GN-80 specifications for actual design parameters regarding power and back-up voltage requirements, specific data outputs, etc.

#### Step 2

Connect supplied cable to VN-201C and PC serial port  
(Note: Use a USB to Serial adapter if required for newer laptops)  
Install monitoring software on PC  
Confirm software port selection matches PC serial port



#### Step 3

Connect VN-201C (+) red wire to power supply (+) terminal  
Connect VN-201C (-) black wire to power supply (-) terminal  
Power on unit and start evaluating

Furuno GPS Division		
TITLE VN-201C (GN-80) Evaluation Kit		
DATE 5/24/2006	REVISED 5/25/2006	DRAWN BY GP