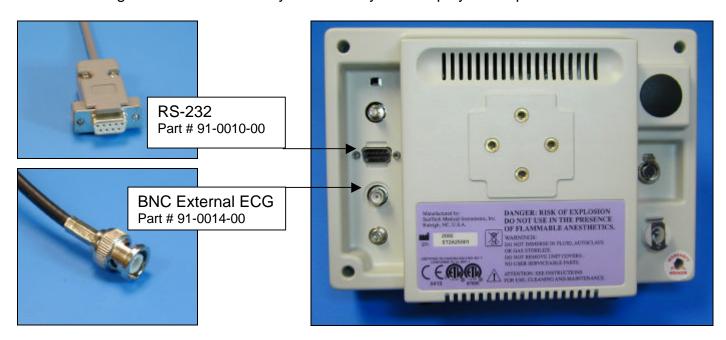# Marquette Mac-VU-Stress
Tango Interface Notes

You can setup the Tango with your stress system using the following directions. You will need the ECG trigger and RS-232 cables specified below.

- The ECG trigger cable is required for the Tango monitor to be able to take a BP measurement.
- You will need the RS-232 cable to establish communication between the Tango and your stress system. This cable allows your stress system to prompt the Tango when it needs a BP measurement. In addition, it allows the BP measurements taken by the Tango to be transferred to your stress system display and reports.

RS-232
Part # 91-0010-00

BNC External ECG
Part # 91-0014-00

1. Plugging in the ECG trigger cable
   Connect: the ECG trigger cable, SunTech part #91-0014-00 (15 pin male to BNC)
   From: the BNC External ECG connection on the rear panel of the Tango (BNC)
   To: the ANA/TTL connection on the lower panel at the back of the stress system (not on the back of the monitor) (15 pin)

2. Plugging in the RS-232 cable (Note: In order to interface at the RS-232 level, you will need to have software version 2E or greater.)
   Connect: the RS-232 cable, SunTech part #91-0010-00 (8 pin mini din male to 9 pin female)
   From: the RS-232 connection on the rear panel of the Tango (9 pin female)
   To: the COM B port on the back of the monitor of the stress system (8 pin mini din male)

3. Setting up the Tango monitor
   a. Turn on the Tango using the switch at the rear top left corner of the Tango.
   b. Once the operating screen is displayed, press the *MENU*/SELECT button. Use the UP or DOWN buttons to select **Utilities** and press the menu button.
   c. Use the arrow buttons to select **Device** and press the MENU/*SELECT* button to edit. Choose **MARQUETTE** using the arrow buttons and press the select button to confirm the choice.
   d. Select **ECG trigger** and press the select button to edit. Choose **DIGITAL**↑ and press the select button to confirm the choice.
   e. Select **Exit** twice to return to the operating screen.

4. Setting up the stress system (Note: requires software version 2E or greater)
   a. Turn the Mac VU on and go to the Start Up screen.
   b. Rotate the trim knob until the cursor is over the **MAIN MENU** option, and then press the knob to bring up the MAIN MENU. Choose MORE.
   c. Use the trim knob to select **SYSTEM SETUP**. The system password will appear. The default is SYSTEM.
   d. Use the trim knob to select **EXERCISE TEST**, then **INPUTS OUTPUTS**. Go to BP Device, press the trim knob and select **SUNTECH**.
   e. Use the trim knob to select **RETURN** at the bottom of the screen. At the next screen, choose **RETURN**. In the System Setup menu, choose **SAVE SETUP** and then **TO SYSTEM**.
   f. Return to the Main Menu and select **EXERCISE**.