

### **Class A Digital Device**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### **Do Not Change or Modify Any Components**

Any changes or modifications, especially to the wireless components, not expressly approved by BTE Technologies, Inc. could void the user's authority to operate the equipment.

### **Acceptable Antenna(s)**

This device has been designed to operate with the antenna(s) listed below and having a maximum gain of 2.7 dBi. Antennas not included in this list or having a gain greater than 2.7 dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Acceptable antenna(s) include:

1. Linx Technologies 916MHz 1/4 Wave Whip Antenna (ANT-916-CW-QW)

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

### **Preventing interference between the wireless components**

Interference, which can result in an inability to acquire accurate data, may occur in the following scenarios:

- a. The antennas of any wireless components are within 3 feet of each other (e.g. the antenna on the new DAQ Box is within 3 feet of the antenna on the Heart Rate Transmitter).
- b. There is not a direct line of sight between the antennas of the wireless components. In addition, any metal that is between the antennas will cause interference.

You may prevent interference by maintaining your system in the following manner:

- a. Do not allow the Heart Rate Transmitter to fall on the floor.
- b. Regularly check the USB cable and power cable that are attached to the new DAQ Box.
- c. Verify the antennas are in good working order and properly secured.

You may also prevent interference by using the following guidelines:

- a. Place the new DAQ Box in a location that ensures the antenna of the new DAQ Box will always be at least 3 feet from the antenna on the Heart Rate Transmitter.
- b. Verify there is a direct line of sight between the DAQ Box antenna and the Heart Rate Transmitter antenna.