

**BIONOMADIX ACCELEROMETER TRANSMITTER FOR SMART CENTER (BN-ACCL-T)**

The BioNomadix® wireless Tri-axial Accelerometer transmitter is a broad spectrum acceleration measurement device and tap detector. The system can measure the acceleration of gravity (static) for tilt-sensing and can also measure very fast-changing, dynamic acceleration resulting from rapid movement or impact. The system is very well suited for mobile applications.

- **Acceleration mode:** The system outputs X, Y and Z acceleration values on three associated channels. Attach the transmitter to any part of the subject's body to measure three-axis acceleration associated with movement in that particular location.
- **Tap mode:** The system detects either single or double taps. In tap detector mode, the system acts as an event recorder for self-report. When double-tapped, for example, the system will output a pulse to precisely mark the time location of the observed event.

AcqKnowledge software is used to configure the BioNomadix Accelerometer transmitter options and record/display the data.

**Required Materials:**

- BIOPAC Smart Center Module
- BioNomadix Accelerometer Transmitter (BN-ACCL-T)
- AcqKnowledge 5.0.2 (or higher) software installed on computer

**Connection and Placement of BioNomadix Accelerometer**

Using the included strap, attach the Accelerometer transmitter to a wrist, ankle, or other location where movement is to be recorded. No additional hardware or lead connections are required; sensor is internal to transmitter.

If this is the first time the transmitter is being used, launch the AcqKnowledge software and follow the onscreen prompts to pair the transmitter with Smart Center. See the BioNomadix Smart Center with AcqKnowledge Guide for more details.