How to turn on ArcPad on a Trimble GPS Unit and Activate GPS Preferences

Using ArcPad and the Trimble GeoXH
These instructions are for a Geo XH; however, they will work equally well with a GeoXT. The only difference will be that there are fewer buttons on a GeoXT and the power button is grey instead of green.

1. Turn on the Unit
   A. Push the green power button on the bottom right.
   B. Using a styles – not a pen, as this will scratch the screen – tap the Start button on the top left of the screen, select ArcPad 7.01 (or 7.0) by tapping on it once. It may take a few moments for the program to open.

2. Open Preferences
   A. Click on the arrow to the left of the button that has an image of tools on it.

3. Set GPS Preferences
   A. There will be a box that appears with a list of preferences that you must set. Below are the different categories and what you will need to do to set them. These are standard or average settings. The Capture settings can be adjusted according the level of accuracy desired and the speed at which you want to work.
   i. GPS
      Protocol: GPS Correct (or TSIP GPS Correct)
      Port: COM3
      Baud: 9600
   ii. Put a check mark in three boxes:
      √ Automatically Activate
      √ Show GPS Activity
      √ Automatically Pan View
      *Do not check log
   iii. Capture
      √ Check the box for Enable Averaging
      Enter the number of positions to average: Typical (Pts: 10-30; Vertices: 5-10
      Enter Streaming information:
      Position Interval (how often readings are taken in seconds): typically 1
      Distance Interval (how often readings are taken if walking a line, in feet or meters): typically 3m
   iv. Quality: select No warnings
   v. GPS Height
      Antenna Height (height of antennae or unit receiver): Note; pole is approx. 1.8m
      Geold Separation: 0 m
      √ Check the box that says “Use Map Units for Height Units” and scroll to
      a. Height Units: Foot: ft
      b. Datum: Leave as is
   vi. Alerts: Uncheck all unless you want to be annoyed by beeps and bloops
   vii. Location: Leave as is