

Figure 1-3. Power

Set Display Properties for a Monochrome Display

If the Allegro includes a monochrome display, complete the following steps to set display properties:

1. Tap **Start** > **Settings** > **Today** icon to display the *Today Settings* window.

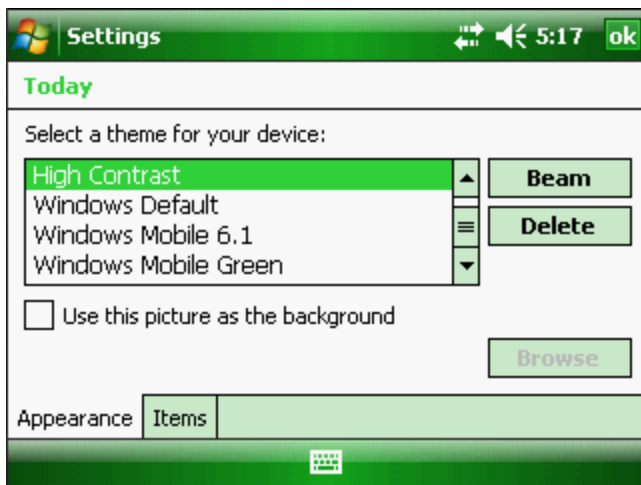


Figure 1-1. Today

2. In the *Appearance* tab, select **High Contrast** in *Select a theme for your device*. Tap **OK** and then the Close icon (X) to return to the *Today* screen.

Set Regional Settings, Time Zone, and Date/Time

Regional settings specify the style that date/time, numbers, and currency are displayed. After selecting a display style, set up the Allegro with your preferred time zone, date, and time.

Complete the following steps:

1. Tap **Start** > **Settings** > **System** tab > **Regional Settings** to display the *Regional Settings* window.
2. Set your preferred language in the *Region* tab. Use the remaining tabs to set the display style for *Number*, *Currency*, *Time*, and *Date*. Click **OK** to return to the *Settings* window.

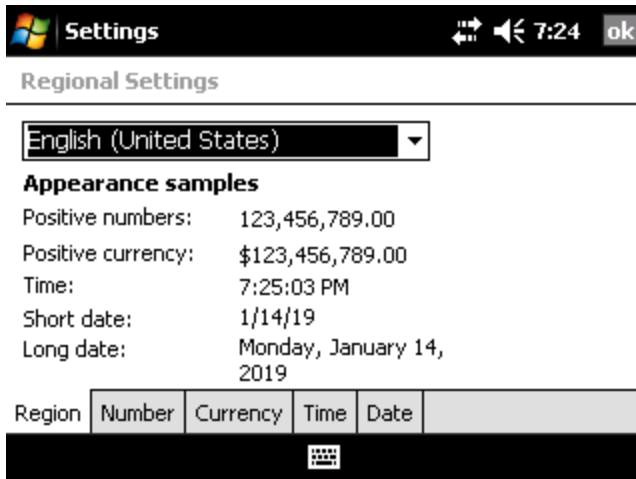


Figure 1-1. Regional Settings

3. Tap the **Clock & Alarms** icon in the *Settings* window and set up the time zone, current time, and current date.

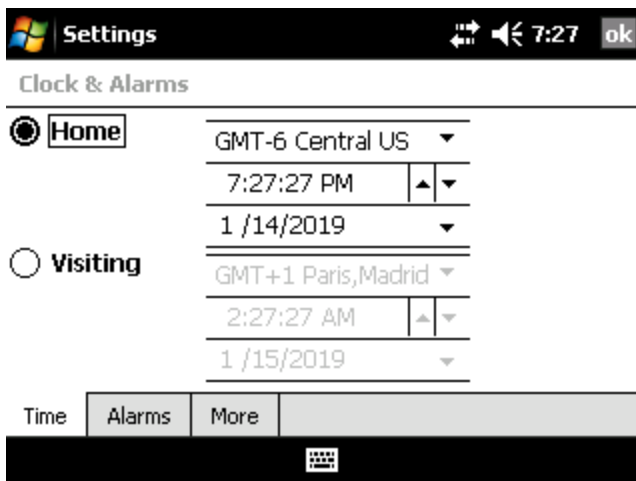


Figure 1-2. Time Zone and Date/Time

4. Tap **OK** to apply settings. Tap **Yes** to save settings and close the window. Tap the Close icon (X) to return to the previous screen.

Transfer Utility Files to PCS

Updated utility files are included with the Allegro MX installation to facilitate PCS integration. If you use PCS software with the Allegro MX, the utility files (*wToCmd.exe* and *CeFileXfer.exe*) need to be transferred from the Allegro MX device to the PCS executable directory on your computer.

Complete the following steps:

1. Navigate to your PCS executable folder. To find your PCS executable folder, right-click on the PCS shortcut in the Start Menu and select **Properties**. Click on the **Shortcut** tab and find the path to the PCS executable in the Target field. Click **Open File Location** to quickly navigate to the executable folder.
2. Connect the Allegro MX to your computer. Once successfully connected, browse the contents of the Allegro device using Windows Explorer.
3. Navigate to the folder `\AI\PCS Interface Files` on the Allegro device.
4. Copy the two files in the `PCS Interface Files` folder (*wToCmd.exe* and *CeFileXfer.exe*) and paste them in the PCS executable folder on your computer.

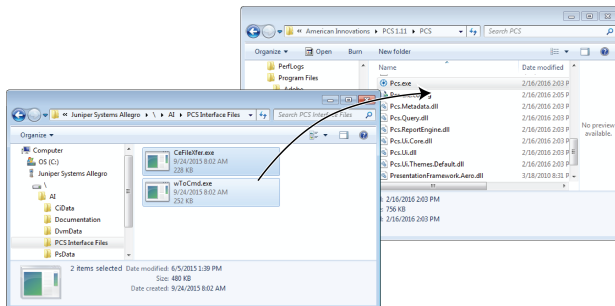


Figure 1-1. PCS Executable Folder

5. If prompted, click the option to **replace** and overwrite existing files.

Overview of the Allegro MX Hardware

The Allegro MX includes a connector panel, touchscreen display, keypad, and function keys. Optional add-ons, including a GPS expansion pod with GPS antenna and a Trimble GPS receiver, are available for purchase. Contact AI Sales at 1-800-229-3404 for more information.



Figure 1-1. Allegro MX Components

Refer to the following topics for more information about the Allegro hardware components:

- [Connector Panel](#)
- [Chainer/Stick Adapter Switch](#)

Connector Panel

The connector panel is located at the top of the Allegro MX.

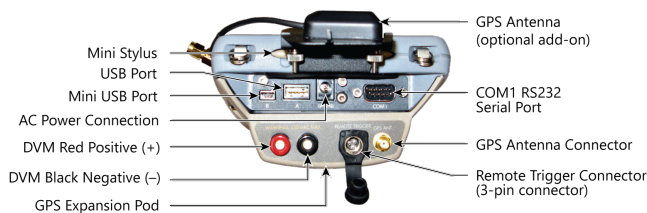


Figure 1-1. Allegro MX Connector Panel

The connector panel supports the following connections:

- DVM positive and negative test leads
- Remote trigger for data cane or wire counter (3-pin connector)
- Communication ports with the following characteristics:
 - USB port for connecting the Allegro to a computer
 - USB port for connecting to other USB devices

- One 9-pin serial communication port labeled COM1
- AC power adapter
- GPS expansion pod (optional add-on)
- GPS antenna (optional add-on)

Chainer/Stick Adapter Switch

A hardware switch inside the Allegro must be set before taking survey readings. Use the procedure below to set the switch in **Stick Adapter** mode if using a data cane to take survey readings. If using a wire counter instead, set the switch in **Chainer** mode.

To set the Allegro in either **Chainer** or **Stick Adapter** mode, follow these steps:

1. If the Allegro is on, press the power button to turn **Off** the device.
2. If a GPS antenna cable is connected to the Allegro, disconnect the cable.
3. Use a coin or flathead screwdriver to loosen two screws securing the card slot door on the back of the Allegro. Turn screws counter-clockwise ¼ of a turn to release the door.
4. Open the card slot door and set the switch in one of the following positions. When you finish, close and fasten the door.
 - **Chainer:** if using a wire counter, select **Chainer**.
 - **Stick Adapter:** if using a data cane, select **Stick Adapter**.

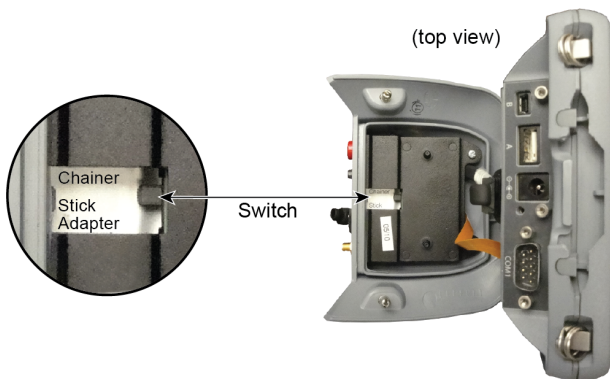


Figure 1-1. Set Chainer/Stick Adapter Switch Position

Overview of AI Allegro MX Software

The Allegro MX ships with the following AI Allegro MX applications factory-installed. AI Allegro MX software version 7.1.2 is compatible with PCS software versions 7 and newer.