GTT File Examples

For all variants of the GTT43A, GTT50A, GTT57A, and GTT70A

Demonstration Instructions

Revision 1.0

Introduction

The GTT offers a number of advanced graphical and touch features that transfer significant code loads to the unit itself. These features require that specifically formatted files are saved onto the display SD card for use at run time. To better understand how to create and use these unique file types, a number of examples have been created to demonstrate the autoexec, 9-slice, animation, and region features.

Autoexec
This folder contains default start screen images for all products in the GTT line, plus an autoexec file to load, display, and clear the start screen image from the bitmap buffer. The autoexec file currently loads the GTT50A image, but can be changed for any unit in the series.

9Slice
This folder contains a 9-slice format jpeg image, 9-slice definition file, and an autoexec file that displays the original image as well as 3:4 and 2:1 scale images.

Animation
This folder contains twenty eight jpeg format images used for a logo animation, an animation definition file that displays each image for 2ms, as well as an autoexec file that loads, sets up, and starts the animation.

Calculator
This folder contains a base or background image for a calculator screen. In addition, normal and pressed images are present for all buttons, in addition to a touch region file that sets them all up, and an autoexec file that loads all bitmaps required for the demo as well as the region file then sets the unit up in region mode with motor feedback. Please note that this example is not functional, but rather demonstrates the capability to offload graphical instructions to the display via region and script files.

Images

Figure 1: Autoexec Logo on Screen
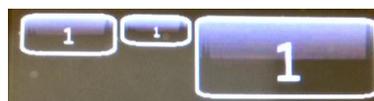
Figure 2: 9-Slice Example on Screen

Figure 4: Animation Example on Screen

Figure 3: Calculator Example on Screen

Contact