



TECHNICAL NOTE TNG3K6

Title: Converting From G306K to G307K2

Product(s): G306K / G307K2

Abstract

The purpose of this document is to describe the steps necessary to convert your existing Crimson 2.0 or Crimson 3.0 program to run in the new G307K2. It also address wiring concerns as the connections have changed.

Introduction

Converting from Crimson 2.0

If you are currently using Crimson 2.0 to program your existing G306K you will now need to upgrade to Crimson 3.0 to program your new G307K2 hardware. The steps below will walk you through the required conversion process.

The first step which is validating your tags will take place in Crimson 2.0. Open your Crimson 2.0 database file and navigate to the data tags section. In the Utilities section click on the Validate All Tags button. If there are no errors you will not see anything happen, but if there are errors, you will see a box asking you to save the errors to your clipboard. If you choose to save the errors you can open any text editing program, such as notepad and go to Edit > Paste. This will approximately identify where the problem is located in the file.

Then you will need to open the Crimson 3.0 software and go to File > Import. Select the file you want to load into the G3. You will now be prompted with instructions including two items you must accept. The first item to accept indicates that the import may be less than 100% complete. The second will indicate that you have performed the Validate All Tags operation in Crimson 2.0 prior to the import. Once both are accepted you should see a window stating that the import was successful. At this point your file will still be configured for the G306K so you will need to go to File > Save Conversion. Next you will need to choose to convert your file to the native resolution or QVGA emulation mode. Once you choose your mode you will be prompted to save your file.

Now that the file has been converted to work with your new hardware you will need to navigate to the display pages section of the software. Here you will need to verify that there are no errors after the conversion.

Converting from Crimson 3.0

If you are already a Crimson 3.0 user you will need to convert your existing G306K program to work with your new hardware. The steps below will walk you through the required conversion process.

First you will need to open your existing file and go to File > Save Conversion. At this point you will need to choose to convert your file to the native resolution or QVGA emulation mode. Once you choose your mode you will be prompted to save your file.

Now that the file has been converted to work with your new hardware you will need to navigate to the display pages section of the software. Here you will need to verify that there are no errors after the conversion.

Wiring

The port configuration has changed with the new hardware. Please refer to the hardware specification sheet for the new port pin-outs. For existing customers, you may choose to use our converter board (Part Number - CBLADK76). The converter board will plug into the two DB9 connectors on the G307K2 and will give you access to two DB9 connectors mimicking the connectors on the G306K. With this converter board all of your exiting cables will continue to work. Due to the new port configuration your existing programming cable will no longer work. You can now use the CBLUSB7K for a USB connection, or the CBLPRO7K for a serial connection. If your application makes use of the programming port (com 2) you must use the StopSystem() command in your database to free the port for programming.