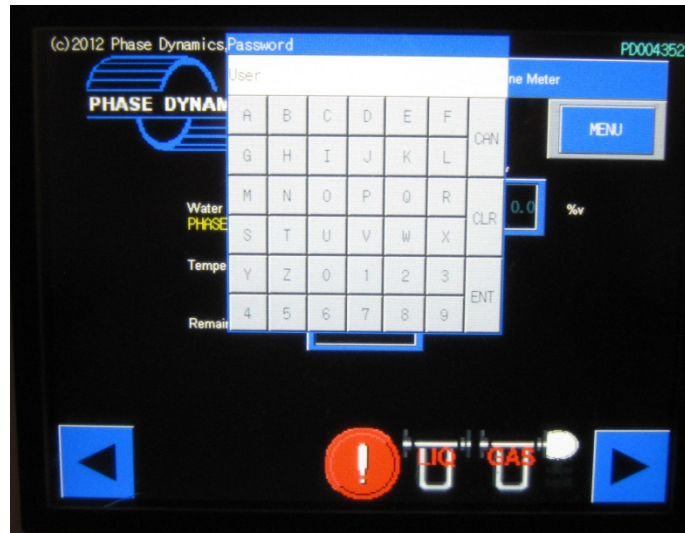# Uploading and Downloading HG2G Touch Screen Software

## Removing a SD Card from the Touch Screen

If the screen has been programmed, the touch screen is writing to the memory card all the time. In that case the writing process has to be stopped before the card can be removed. DON'T REMOVE THE SD CARD WITHOUT GOING INTO THE OFFLINE MODE FIRST.
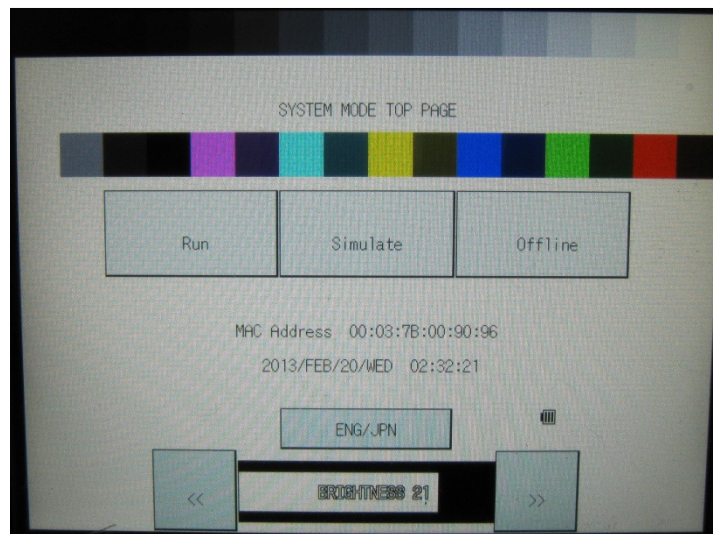
To go to the Offline mode, Press and hold the upper left corner of the screen for 5 seconds. A little pop up screen will show up showing 3 options.  Please press SYSTEM MODE
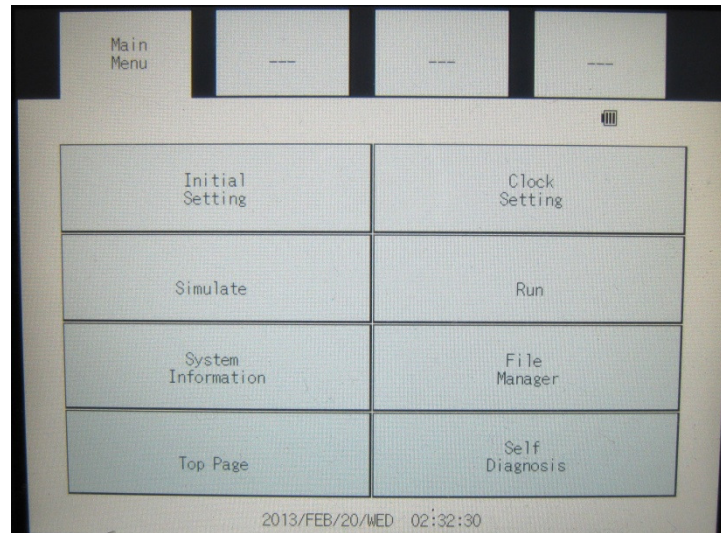


After a few seconds, a Key Pad will pop up asking for a password. Please enter 1343.

After the password is entered, the following screen will shop up:



Press OFFLINE. You will be redirected to the MAIN MENU.

You can now safely remove the SD card. To remove the SD card, push it in towards the touch screen and then release it to disengage it. Now you can remove the card by pulling it out.



After you are done just press RUN to go back to normal operation.

No special procedure is required to introduce a new SD card when no card is in the slot.

## Downloading Software from Touch Screen to SD Card

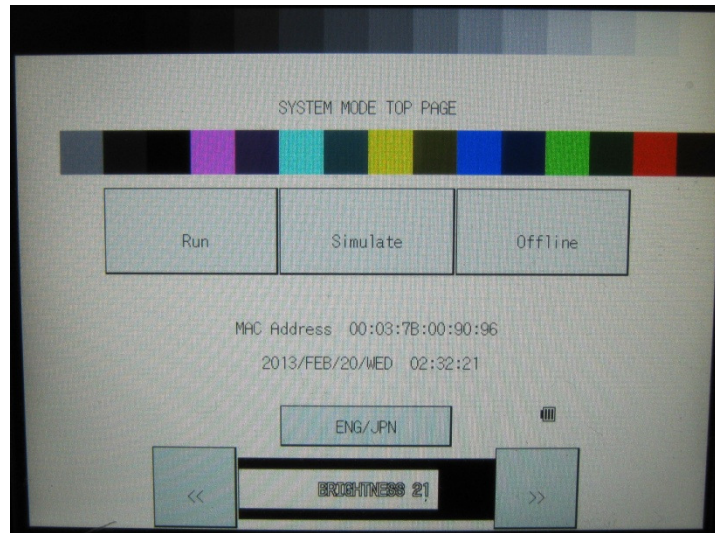1) Insert a black SD card in the Card slot at the side of the touch Screen.



2) Press and hold the upper left corner of the screen for 5 seconds. A little pop up screen will show up showing 3 options.  Please press SYSTEM MODE
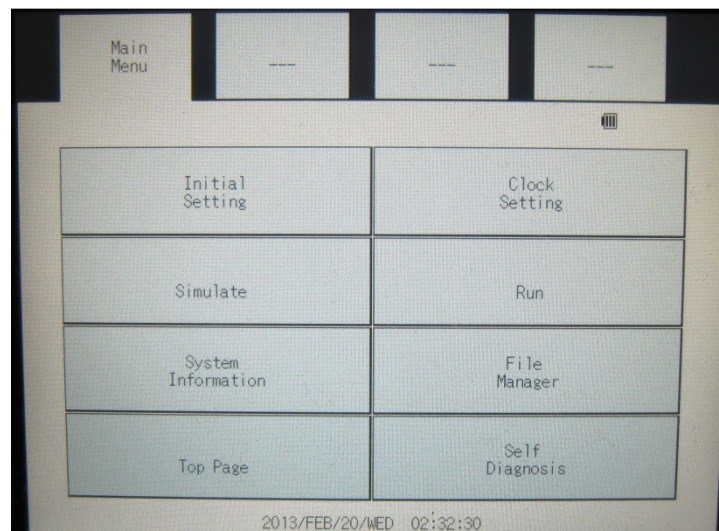


3) A new pop screen will show asking for a password. Please enter 1343. After that press ENTER.

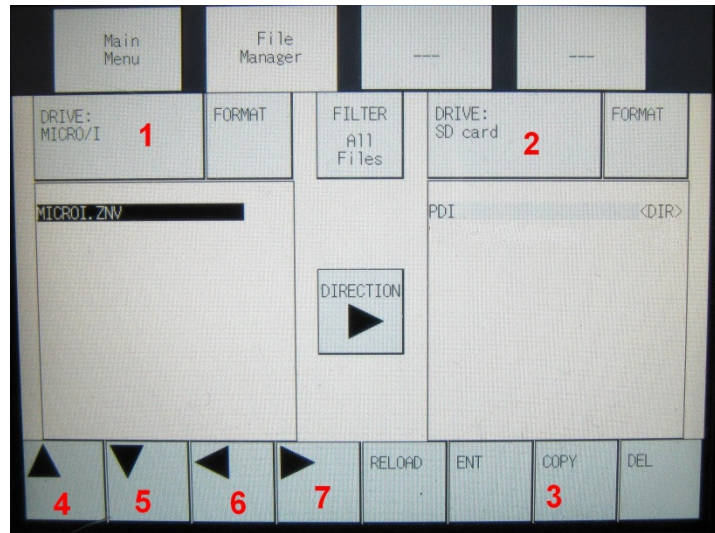4) A couple of seconds later the following screen will be displayed:

Please press "OFFLINE".

5) After that the next screen will be displayed:



Please press FILE MANAGER.

6) The File Manager screen will pop up:

Press the button marked as 1 as many times as needed until you read Drive: MICRO/I

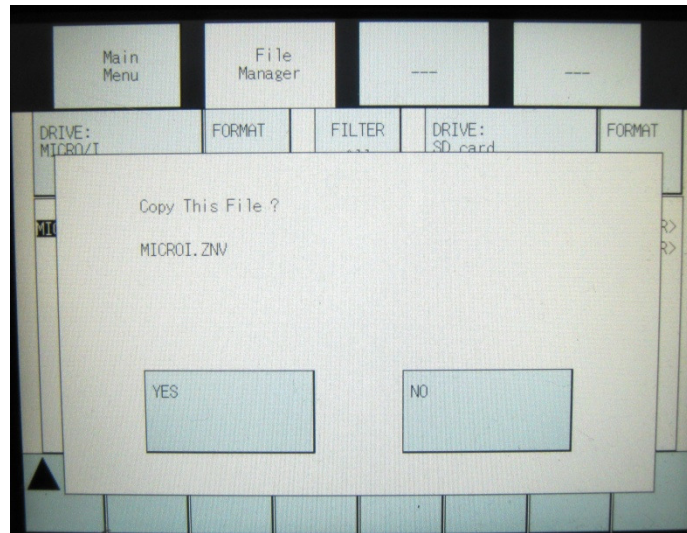Press the button marked as 2 as many times as needed until it reads Drive: SD CARD

Noticed that the direction arrow is pointing in this case from the Drive: MICRO/I to the Drive: SD Card.

In this case there is only one file in the MICRO/I drive called MICROI.ZNV. That is the file that we want to copy into the SD card.

On this case, there is a folder in the called PID. We want to copy the file into the root so nothing else has to be done on this case.  (If the file needs to be saved inside a folder, you have to select the folder by using the arrow keys marked as number 4 to 7 and then press ENTER)

Press the button marked as 3 (Copy) to copy the file into de root directory of the SD card.
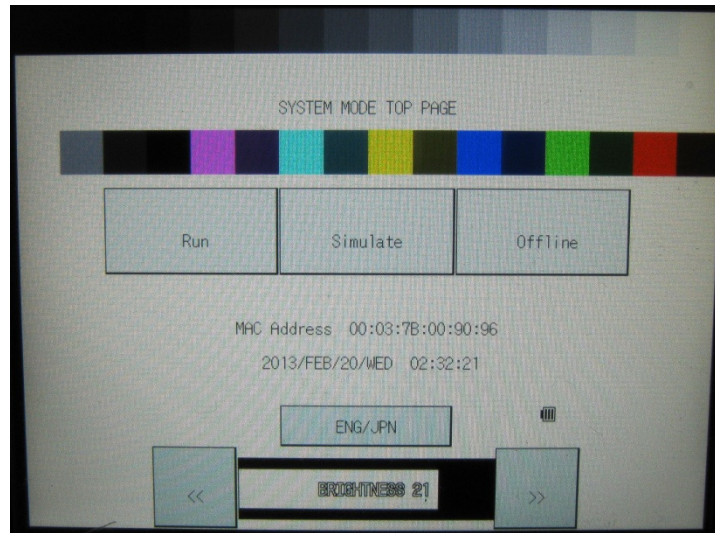
A new screen will ask if you really want to copy the file:

Press Yes. A new little screen will show the progress of the transfer.  This could take 5 to 10 minutes. After the transfer is finished, a new screen will show if the transfer was completed successfully.



Press Acknowledge to continue. You will directed back to the SYSTEM MODE SCREEN.

If the SD card needs to be removed, press OFFLINE. You will go to the MAIN MENU. Now it is safe to remove the SD card from the slot. To remove, press it first towards the screen to disengage it.
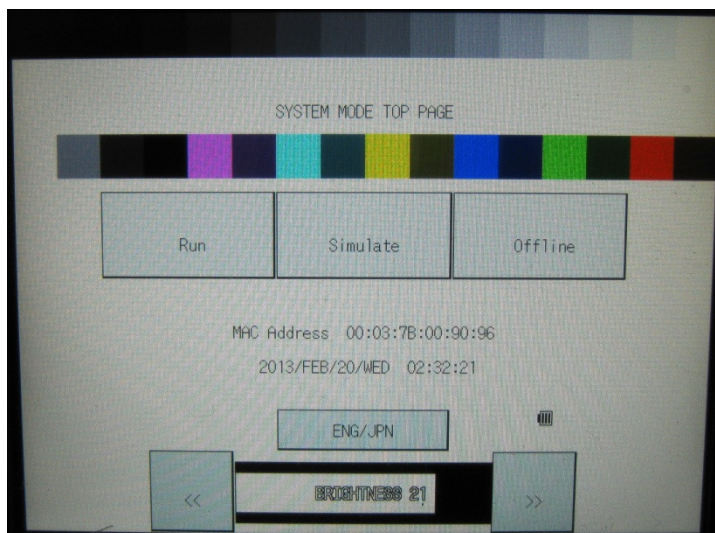



When done, press "RUN" to go back to the Phase Dynamics screens.

# Uploading HG2G software from the SD card to the touch screen

If the screen has never been programmed, the following screen will show:



If the screen has already been programmed, then you have to start form a screen like this:
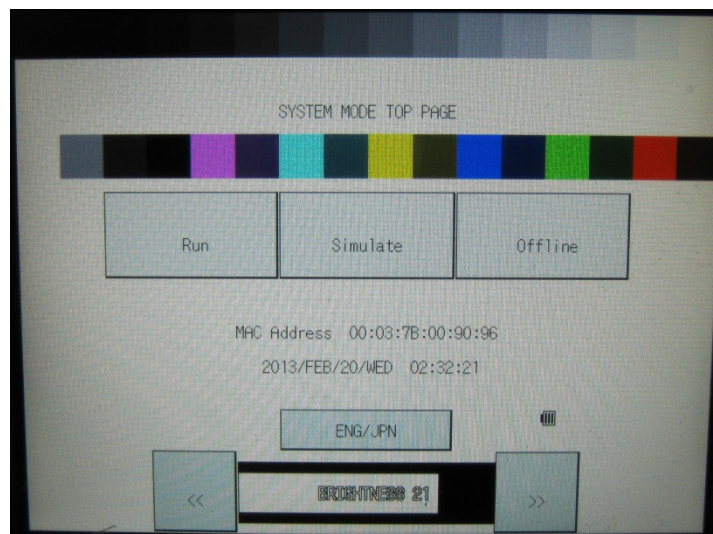
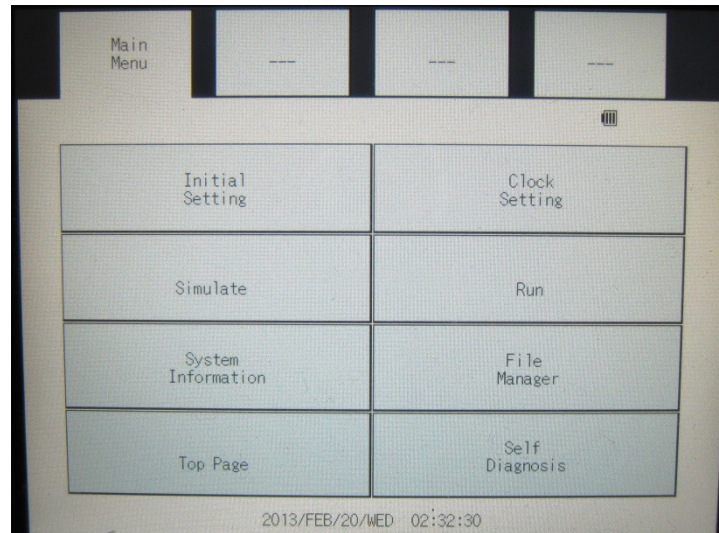In this second case Press and hold the upper left corner for 5 seconds.



A little screen with 3 options will show up. Please press SYSTEM MODE.
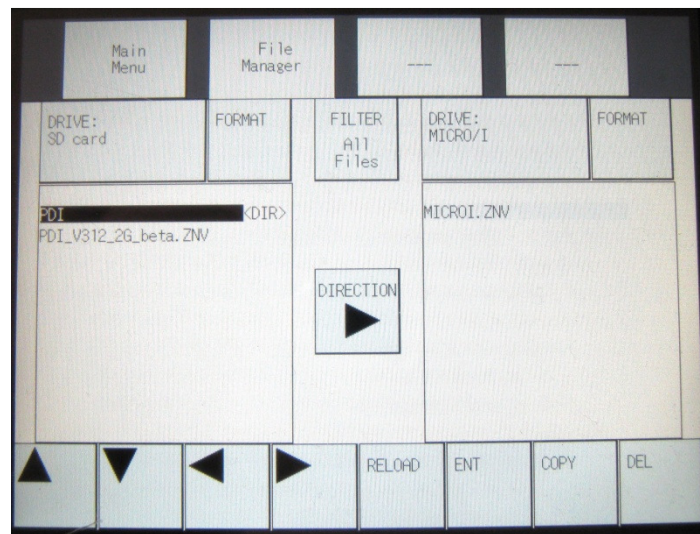
The next screen will be displayed:



Which is the same screen that will be seen if the screen has never been programmed before. Proceed like this:

1) Press OFFLINE
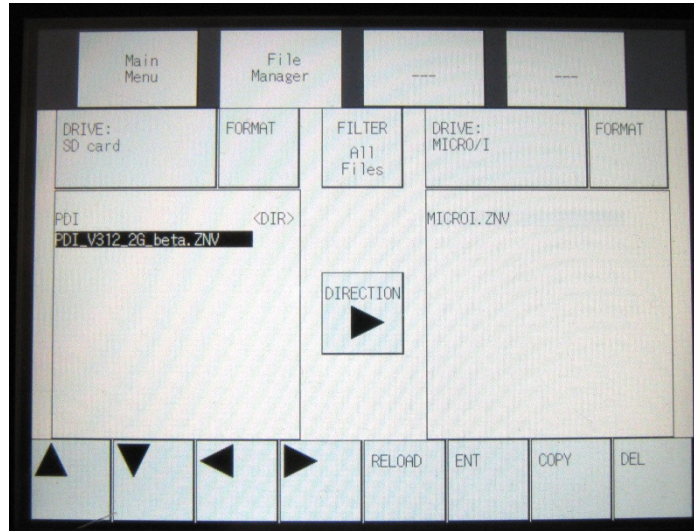2) The Main Screen will show up now:

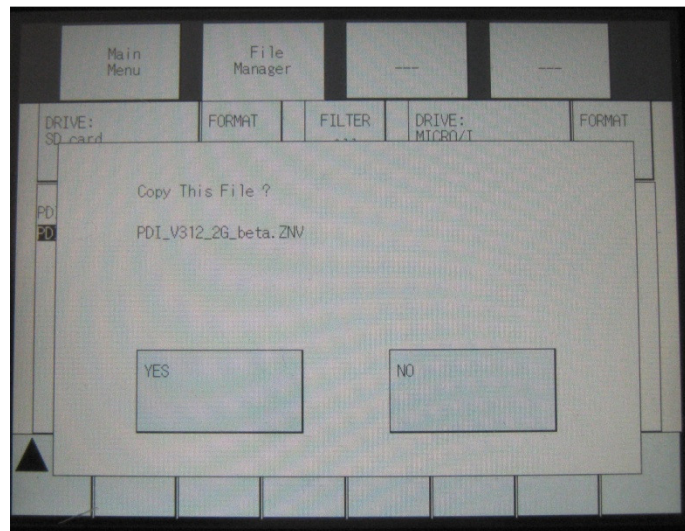3) Please press File Manager. The following screen will show up:



4) Press the Drive button on the left as many times as needed until you read Drive: SD Card.
   Press the arrow pointing down to select the file you want to upload into the touch screen.
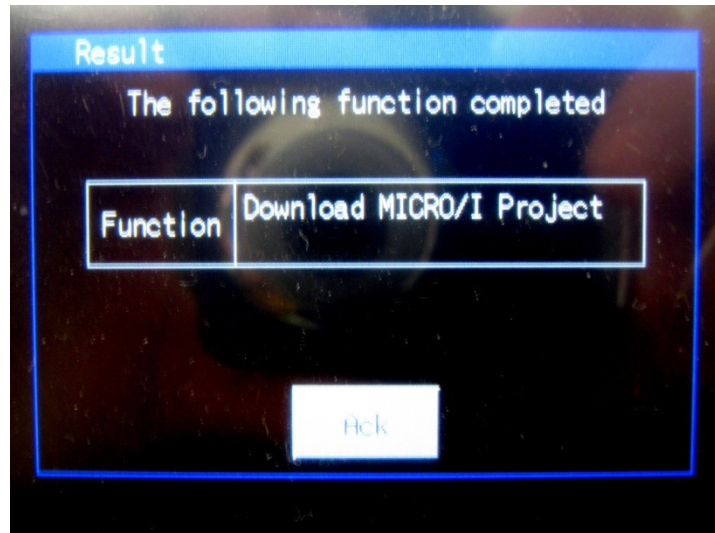   In this example is PDI_V312_2G_beta.ZNV

5) Press the Drive button on the right as many times as needed until you read Drive: MICRO/I
6) Press Copy
7) A new screen will ask if you are sure you want to copy that file into the touch screen. Press YES



8) After a couple of seconds a window asking for a password will show up. Please Enter 1343.
9) A little screen with a progress bar will shop up. The uploading process might take 5 to 10 minutes.
10) When the uploading process is finished, a new screen will notify if the transference was successful.

Press ACK (Acknowledge).  You will be redirected to the MAIN MENU. Press RUN to go back to the Phase Dynamics screens.