

Tools Required

#2 Philips Screwdriver
USB memory stick (any size)

Backup System Settings

To transfer your existing settings to the new SD card, you first need to export the files to a USB stick. After replacing the SD card, import the files back from the memory stick.

1. With the system running, install a USB memory stick into any available USB port.
2. Open the System (gear) tab.
3. Open the System Settings (tools) tab.
4. Press the "Export All" button under the Export group. Ensure the export is successful.

Replace the SD Card

1. Shut down the system (System > System Settings > Shutdown) and wait 20 seconds.
2. Disconnect power from the system.
3. Remove the screws on the front cover.
Hold the screen in place with masking tape or have an assistant hold the screen so it does not fall out.
4. Carefully lift the bottom of the screen panel up and disconnect the three cables:
 - a) the HDMI video cable from the mother board
 - b) the USB cable from the mother board
 - c) the DC power barrel plug from the mother board*Note: it may be possible to reach & replace the SD card without disconnecting the cables.*
5. Remove the SD card at the top of the motherboard and replace with the new SD card.
6. Re-connect the HDMI, USB and power cables to the motherboard (if removed.)
7. Re-install the front panel on the controller and install screws.
8. Reconnect the power to the GCX and allow the system to boot.

Update GrowNET Bus Boards

When the system boots up, there will be no devices or controls visible, and there may be BUS errors shown.

1. Navigate to System > System Settings.
2. Turn on the "Show Advanced Options" switch.
3. Press the "Update GrowNET Serial#'s" button.

The system will update the SD card with the serial numbers from the GrowNET bus boards.

Restore Backup Settings

1. Install the USB stick with the backup files into a USB port.
2. Navigate to System > System Files
3. Press the "Import All" button in the USB Import group.
4. Review all devices to ensure they are online.
5. Review all control function blocks to ensure they are operating correctly.

END.