

## Customizing your dashboards in Shadow Dash MS

Written by Phil Tobin

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You can add your own customized dashboards to shadow dash, any TunerStudio Dashboard can be loaded by Shadow Dash and will look very much the same as in TunerStudio. For best results use TunerStudio 2.19 or higher.

Shadow Dash by defaults has 8 dashboards for any firmware it may be talking to, that is 4 landscape and 4 portrait dashboards. They are broken down in the following way:

Page 1 - This is the main home screen dash, it primarily contains gauges that are available on the phone itself so that it will work and display information without being connected to a controller. Once you are connected to a controller. The .dash files for Page 1 dashboards are found in:

/Shadow Dash MS/home\_landscape.dash

and

/Shadow Dash MS/home\_portrait.dash

Page 2 and 3 are the primary dashboards to be customized. These dashboards are specific to the firmware family of your controller and stored in the project for that firmware family. The files will be found at:

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/Shadow Dash MS/[YourFirmwareFamilyProject]/dashboard/dashboard\_0\_landscape.dash

/Shadow Dash MS/[YourFirmwareFamilyProject]/dashboard/dashboard\_0\_portrait.dash

/Shadow Dash MS/[YourFirmwareFamilyProject]/dashboard/dashboard\_1\_landscape.dash

/Shadow Dash MS/[YourFirmwareFamilyProject]/dashboard/dashboard\_1\_portrait.dash

where [YourFirmwareFamilyProject] will be one of the following based on your MegaSquirt:

- MS1\_BG - Base B&G 3.0 MS1 firmware
- MS1\_Extra - Any MS1\_Extra firmware
- MS2\_BG - Any MSII B&G firmware
- MS2\_Extra - Any MS2Extra firmware
- MS3 - Any MS3 Firmware

If you create a new Dashboard using TunerStudio, you can then replace the .dash files for any of the page 2 and page 3 dashboards. Next time you connect to a controller within that firmware family your new dasbords will be used.

### Tips for making Shadow Dash Dashboards in TunerStudio:

Shape the TunerStudio dashboard as close to the same aspect ratio as your table will be! This is very important to keep it looking the same on your tablet or phone... So for portrait dashboards you will want to shape TunerStudio tall and thin with roughly a 9:16 aspect ratio while editing, so size and shape will remain similar to your tablet screen. When doint Landscape dashboards similar, but this is closer to the natural shapew of your monitor, but here you may

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want to be more precise. In the top right corner of TunerStudio the width and height are display to help determine your true aspect ratio.

The Page 4 dashboards are generated from the ini and will always represent the default dash.

### Custom.ini files

Shadow Dash also supports custom.ini files in the same manor as TunerStudio. You can copy the same custom.ini file that you use in your TunerStudio Project to the dir:

/Shadow Dash MS/[YourFirmwareFamilyProject]/projectCfg/

This custome.ini will be picked up and loaded just as it is in TunerStudio, thus allowing you to load dashboards that are referencing your own custom OutputChannels. Any additional [Gauge] definitions you may have in the custom.ini will also be loaded and displayed with the Gauge long click menu.