Digital Dash Quick Start Guide

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ATTENTION!

THE CD INCLUDED WITH YOUR DIGITAL DASH CONTAINS A DETAILED USER MANUAL. ONE MAY ALSO BE FOUND ONLINE AT www.holley.com.
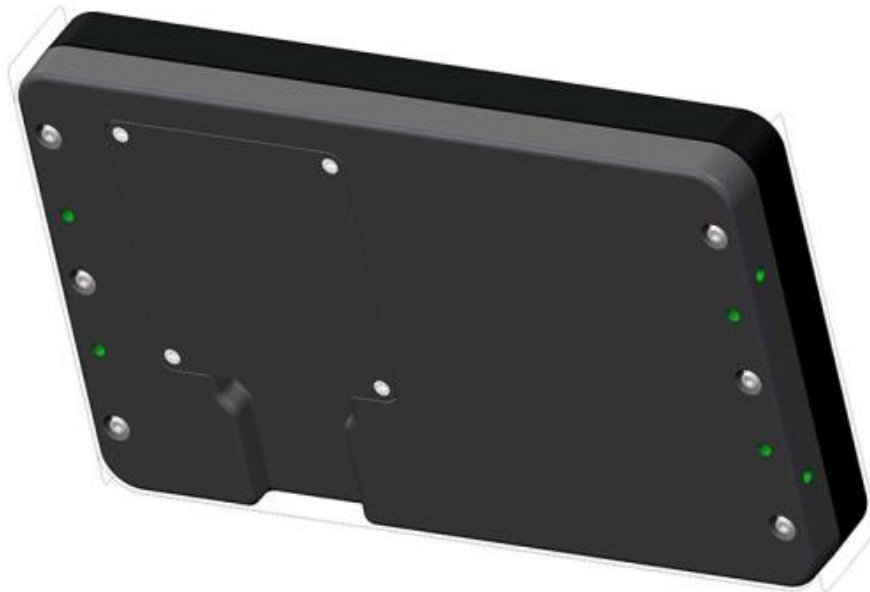
Introduction

The Holley EFI Digital Dash is complete customizable with a variety of gauge and indicator screens that can be programmed to display any parameter you need. This quick start guide will get you up and running with your new dash. A detailed User Manual can be found on the CD included with your product.

Package Contents

Mounting

The product has eight tapped 8-32 mounting holes to allow the user to surface mount or flush mount the enclosure. There are four mounting holes located on the rear of the unit, and two mounting holes are located on the left and right sides. Included with the contents of this kit is a separate template with a 1:1 layout of hole locations for fabricating a mounting bracket.

Wiring

A CAN/power harness is supplied with the digital dash. Connect the black wire to negative – white wire to a switched +12V circuit.
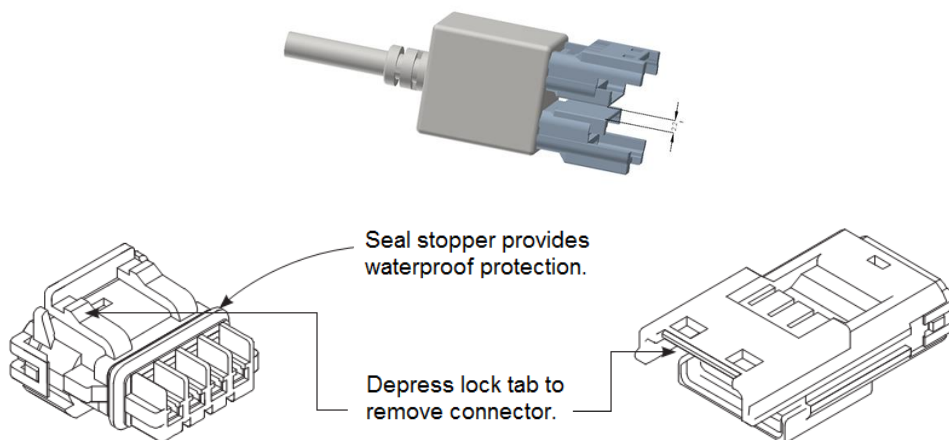
Connect the harness from the CAN connector on the vehicles main harness to the digital dash using the supplied 4' CAN/Power extension

Once all connections have been made, the Holley EFI Digital Dash may be powered up. After a brief initial loading sequence the gauge display will appear.

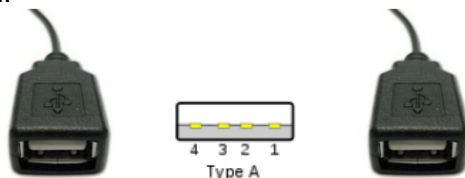# Connectors

CAN1/Power

4 pin Mizu-P25 male receptacle connector used to connect main power and to a Holley EFI. The dual connector allows the product to be connected to multiple devices on the CAN bus.

Seal stopper provides waterproof protection.

Depress lock tab to remove connector.

Pin	Function	Color	Description
1	+12V	WHT	Main power in
2	CAN1H	ORG/BLK	CAN_H Holley EFI communications
3	CAN1L	ORG	CAN_L Holley EFI communications
4	GND	BLK	GND

USB

The unit has two standard USB type A receptacles that can accept USB flash drives for saving data logs, uploading gauge screen layouts, background images, or firmware updates. You may also use these to connect to a USB mouse or keyboard.

4 3 2 1
Type A

CAN Adapter Harness

271R1075A CAN ADAPTER HARNESS - used to connect switched +12V ignition power (white wire) and ground (black wire) to the dash, as well as for connecting to the main harness CAN connector.

CAN Extension Harness

The dash is supplied with a 4' CAN extension harness. Holley also offers the following replacement harnesses:
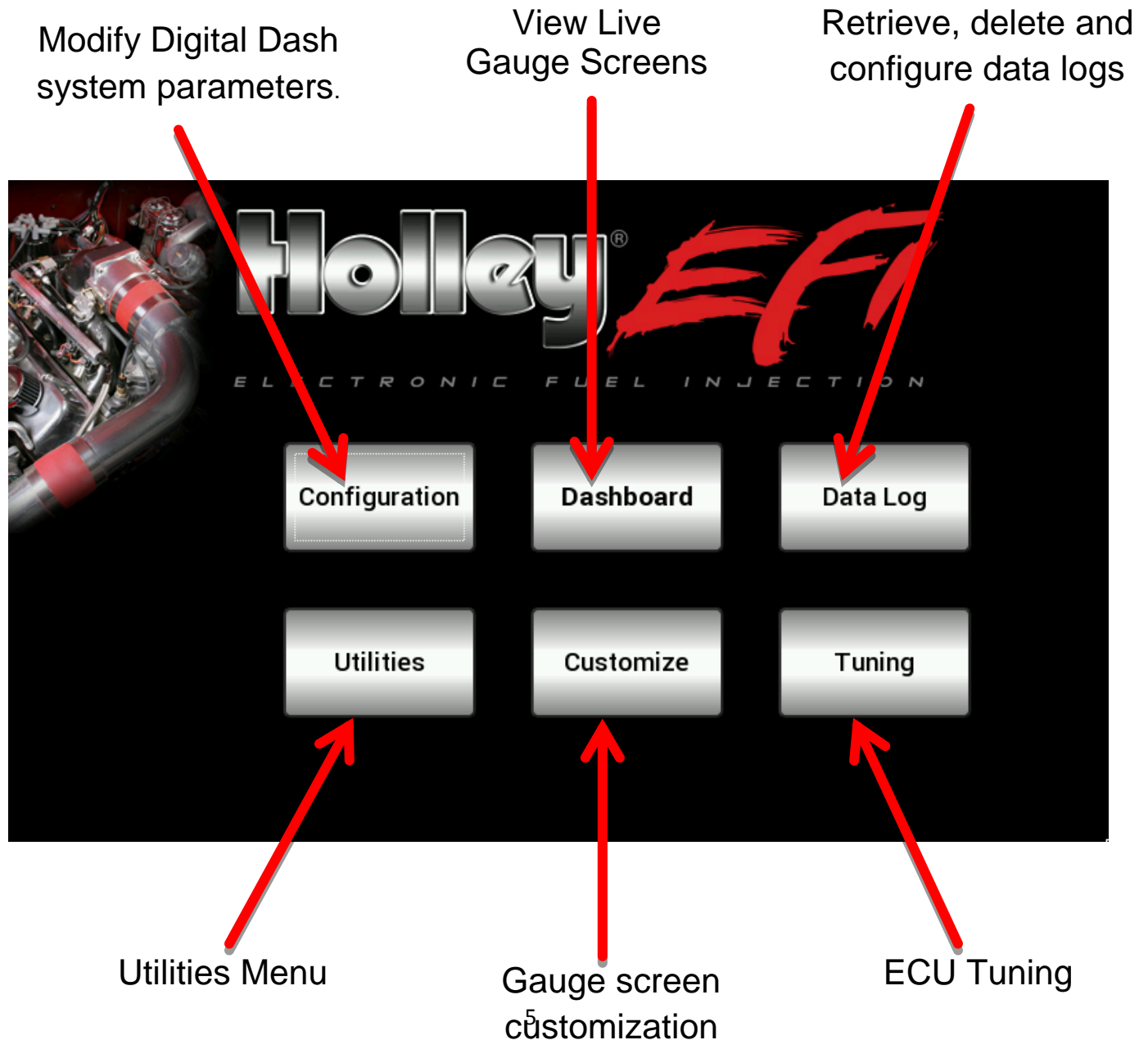
Cleaning

If screen needs cleaning, use the supplied microfiber cleaning cloth. Do not use harsh chemical cleaners on the touch screen display.
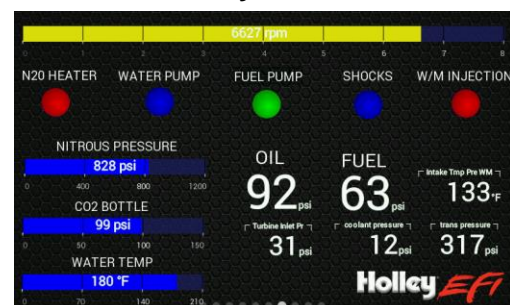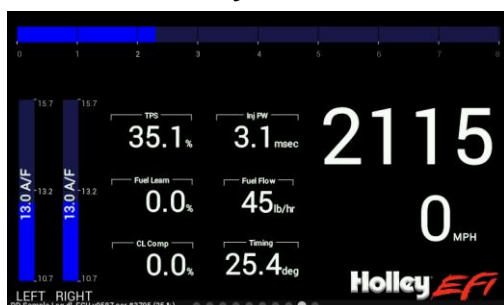
Touchscreen Basics

The Holley EFI Digital Dash has been designed with a resistive touchscreen, meaning it will work with bare skin, a stylus, or even through driving gloves. This dash responds to localized point pressure on the screen, not 'swiping', which is common on capacitive screens found on current smart phones and tablets.

Main Menu

The main menu can be reached by touching anywhere on the dashboard screen to bring up the on screen buttons, then press on 'Menu' in the upper right corner.
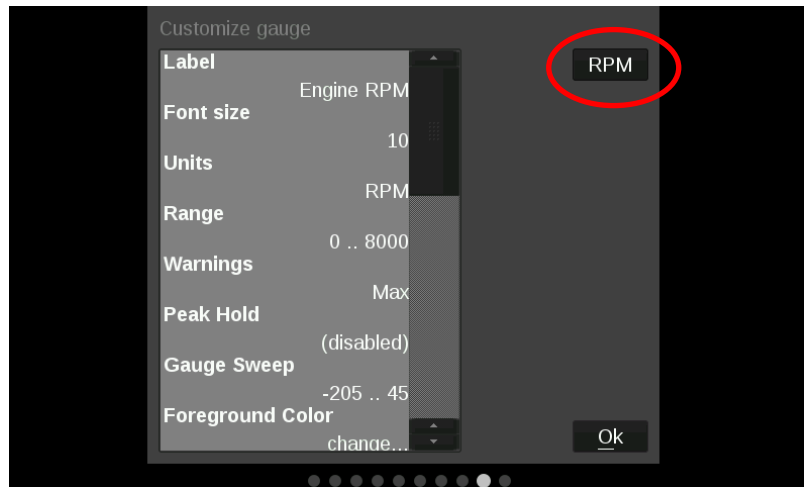
Modify Digital Dash system parameters.

View Live Gauge Screens

Retrieve, delete and configure data logs

Utilities Menu

Gauge screen customization

ECU Tuning

Preconfigured Gauge Screens

Layout 1

Layout 2

Layout 3

Layout 4

Layout 5

Layout 6

Layout 7

Layout 8

Layout 9

Layout 10

Modifying Channels on a Preconfigured Layout

Choosing 'Customize' from the Main Menu enables the gauge customization mode. Entering this mode will allow any of the preconfigured layouts to be modified, or one may be built from scratch.

Any gauge channel can be changed to meet user needs. To do this, touch the gauge you wish to modify and push 'Customize'. At the top right corner of the customize gauge menu is a button that will allow the user to redefine the channel being displayed. For instance, fuel pressure on Layout 10 could be changed to display Boost.
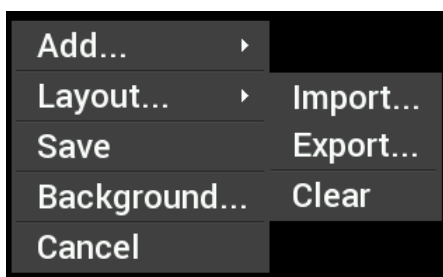

NOTE: Only the gauge value being display will be updated, the user MUST manually change Labels, Units, Range, Warnings etc. with proper values as these will NOT be updated automatically! Refer to the 'Customizing Your Layout' Section of the user manual for instructions on gauge customization.
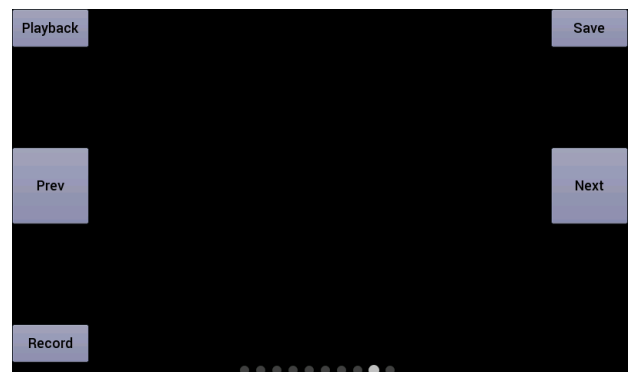
Saving Gauge Screens

Quick Save

There are two ways to quickly save a gauge screen:

Option 1:
Touch any blank area of the screen and choose 'Save'

Option 2:
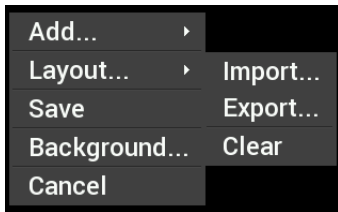Choose the top right navigational button labeled 'Save'

Rename and Save

The export function (see Option 1 above) will allow any gauge layout to be renamed and saved internally or to a USB Memory Stick.

NOTE: The last 'saved' gauge screen will be loaded by default at each power-up.
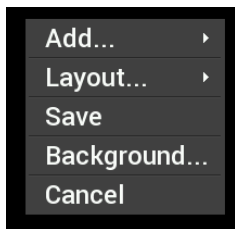
Building a Custom Gauge Screen

To begin building a custom layout from a blank template, touch any bare area of the background.
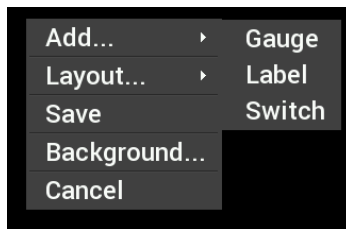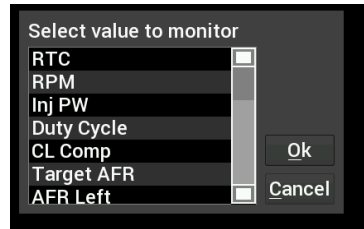Choose Layout > Import > Clear

Add Gauges

1. Select 'Add'
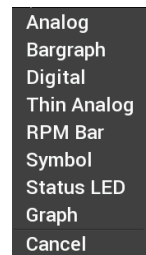2. Select 'Gauge'
3. Select Value to Monitor
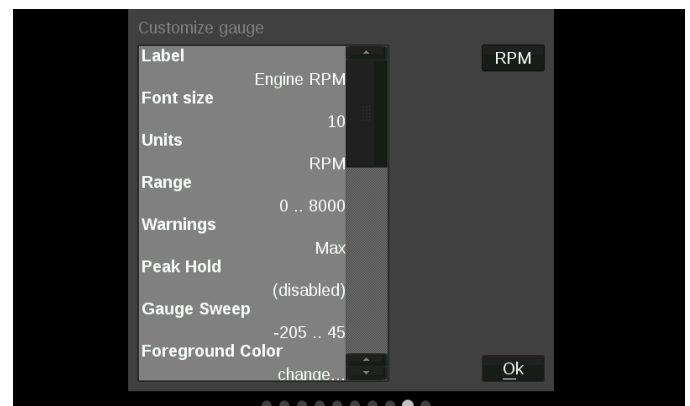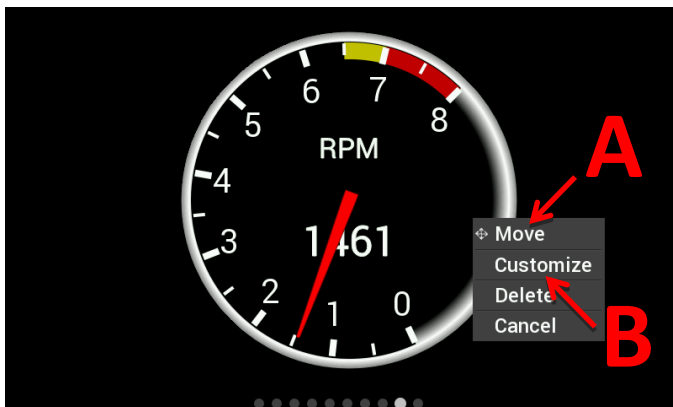4. Select Gauge type
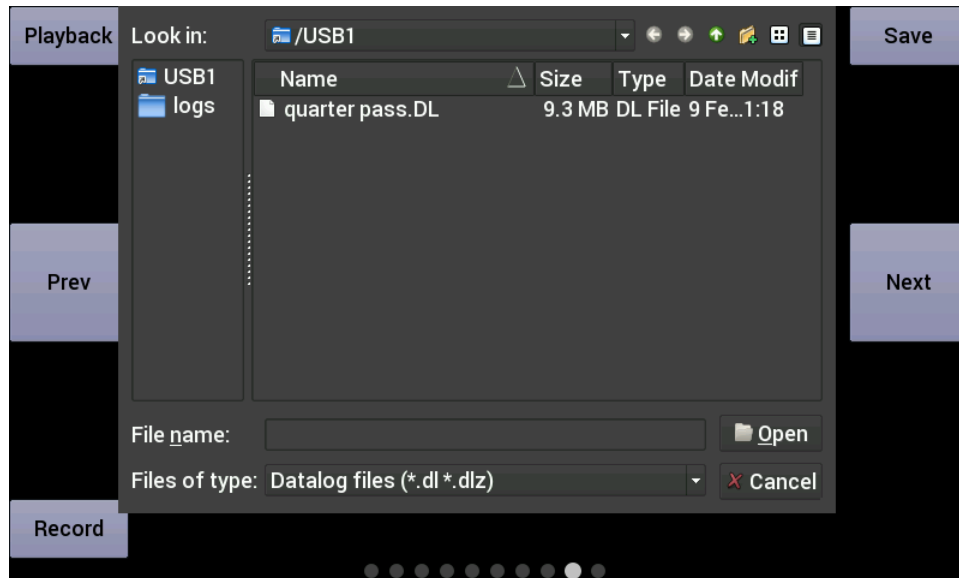

| Step 1 | Step 2 | Step 3 | Step 4 |

Customizing the Gauge

While in 'Customize' mode, touch the gauge you would like to modify and a menu will appear. To move the gauge select 'Move' (A) and drag the gauge to place it in the desired location. To customize the visual properties and warning indicators, select 'Customize' (B) from the pop up menu. In the scroll window you can see the parameters that are configurable.

Data Log Playback

Data logs may be reviewed by selecting the 'Playback' button in the upper left corner of the dash. The Digital Dash will play back data logs that have been downloaded from an ECU or recorded locally on the dash.
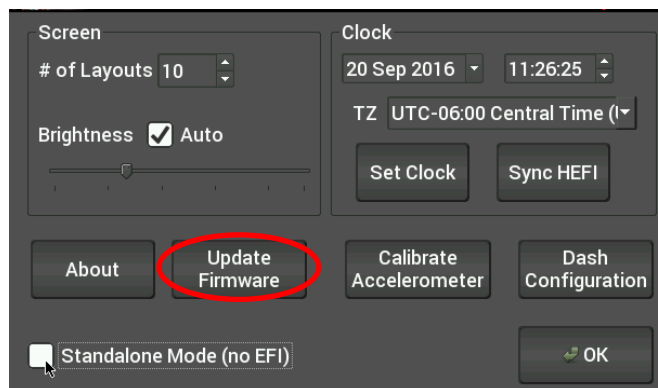

Firmware Upgrade

New or additional features developed by Holley can be added to the Digital Dash by updating firmware. These updated firmware files can be obtained by contacting tech service (270-781-9741 or 1-866-464-6553) or they may be downloaded from our website (https://www.holley.com/support/resources/) under the fuel injection tab.

To perform a firmware update, follow these steps:

1. Extract the contents of the firmware .zip file onto a USB memory stick
2. Connect the USB memory stick to one of the USB cables on the Digital Dash.
   a. If the unit is off, the firmware update will take place automatically as soon as the Dash is powered on with the USB stick plugged in. No further action is required.
   b. If the dash is already powered on, proceed to step 3
3. Select 'Update Firmware' from the Configuration menu and follow the on screen prompts.

Holley EFI

ELECTRONIC FUEL INJECTION

Holley Technical Support
1-866-464-6553

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