

THEIA DASH SCREEN

ECU
project

Description

This 7-inch dash screen provides functionality of show ECU data wirelessly from the ProjectNET data stream. This screen boots up in approximately 1second (pairing time to the network included).

At version 1.0 only data can be shown. The function of this screen is to provide Race like screen show data behavior, also a progressive shift light with multicolor led bar is provided.

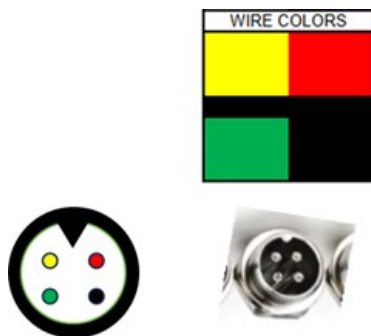
This screen is designed to be very easy to connect, very simple, very easy to use!!!

For this screen to be used, the ECU must have firmware 2509cus and above.

ProjectNET module installed on the ECU.

Both PIN password on Screen and ECU must be equal (configuration).





Red: 12V Power supply (to relay)

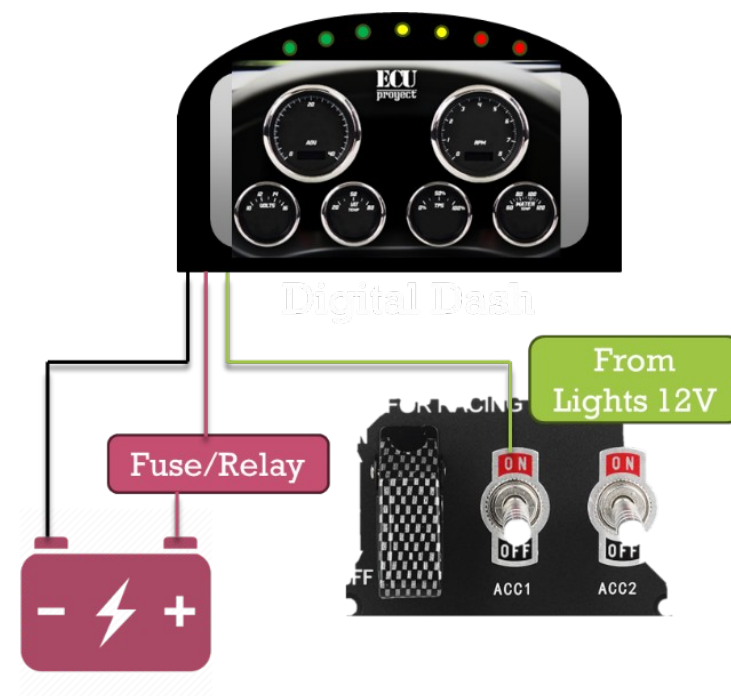
Black: Ground, common for sensors, and other devices

Green: Dim (activated with 12V) To wire lights voltage, to dim the screen and shift light to the desired (configurable) dimmed level.

Yellow: Not used.

The connector has 4 wires, pins as seen from the Dash connector towards the viewer.

Common Connections



The dash has some screens for configuration.

Configurations consist of:

NET PIN

This consist of 4 digits and it must be the same in the dash and on the ECU side. The digits can be numbers, letters.

Default screen

Start screen from the list of data screens.

Screen Brightness

100 means maximum brightness, Dimmed parameter is used when the DIM pin receive 12V.



Progressive shift light Begin

RPMs at which the leds will start turn on, in progressive until the End parameter.

Progressive shift light End

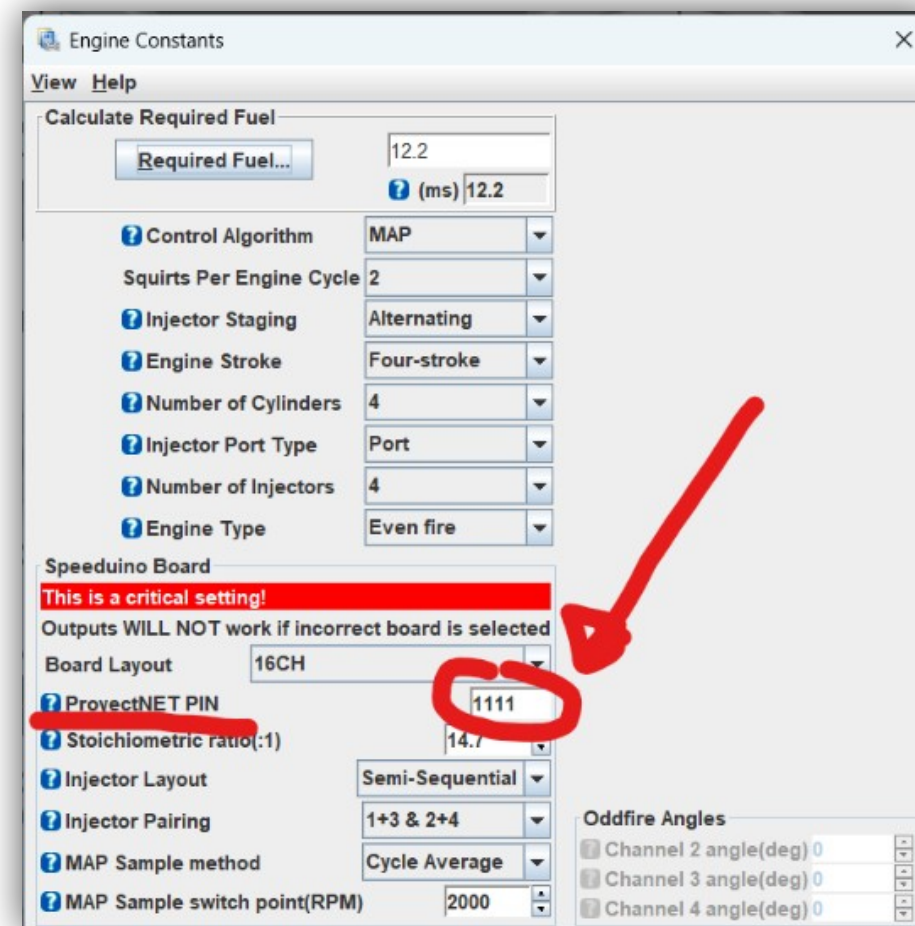
RPMs at which the progressive shift lights will start to blink.

Progressive shift light bright

Brightness of the led bar.

Progressive shift light bright DIM

Dimmed brightness activated when the DIM pin receive 12V.

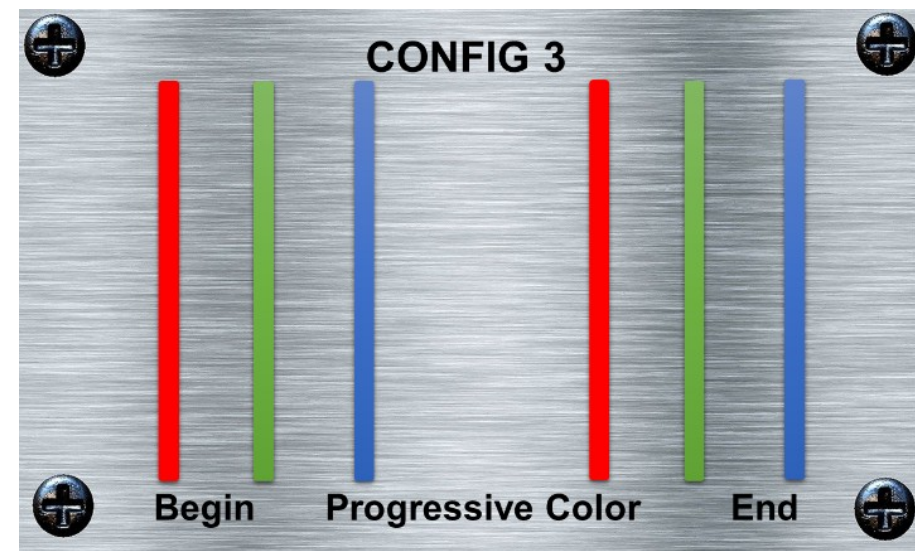


Progressive color Begin

The progressive shift light color can be customized, begin is the start point of the progression of color while End will be the color of the final led. Up position means 0 while Down position means 255 on the RGB scale.

Progressive color End

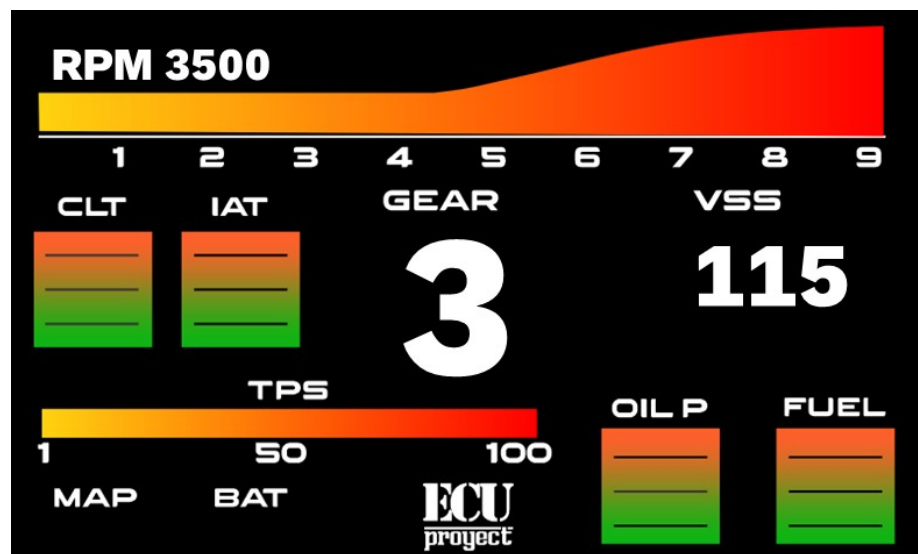
Color of the last led on the progressive led bar. Up position means 0 while Down position means 255 on the RGB scale.



Available screens



Available screens



For use only on the track, its use on the street is not allowed.

Its installation must be carried out by a SPECIALIZED WORKSHOP.