

SPECIFICATIONS

Overview:

The Haltech CAN Wideband controllers allow accurate measurement of Air/Fuel ratios over a wide range, from rich to lean via the Haltech CAN System for precise engine tuning.

With a single plug n play CAN connection, integration with your Haltech ECU is now quick and simple. Suitable with all Platinum ECU's, it can be configured in seconds using the automatic CAN device detection feature in the ECU Manager software.

Once installed the Haltech CAN Wideband controller increases the functionality of your Haltech ECU. Air/Fuel ratios can now be displayed on your laptop, external gauge and even broadcast straight to the Haltech IQ3 Dash. Advanced functions such as closed loop O2 correction is now possible for improved fuel economy and can even protect against engine lean out conditions.

Available in a Single Channel (WBC1) and Dual Channel (WBC2) the Haltech CAN Wideband Controllers are the perfect addition to your Haltech Engine Management system.

Engine Suitability:

Automotive, motorcycle and other small engine applications

Fuel Suitability:

Gasoline / Alcohols / Diesel / LPG

Features:

Simple connection to a Haltech ECU using supplied CAN cable
 Highly accurate with less than +/- 0.10 AFR error over 10.3-19.5 AFR range
 0-5V analogue AFR outputs for interface with digital display gauge or non CAN Based ECU's
 Easy free-air calibration procedure corrects for sensor aging effects
 Pre-terminated harness available for quick installation into a vehicle
 Compact in size

Power Requirements:

Source: 9 to 16.5 Volts DC

Operating Temperature:

-40 °C to 85 °C

Physical Dimensions:

ECU Dimensions: Length: 100mm
 Width: 64mm
 Height: 28mm

Weight:

ECU: 126g (0.28lb)


Lambda Sensor:

Bosch LSU 4.2

Fuel compatibility:

Gasoline / Alcohols / Diesel / LPG

**Sensor Temperature
(Nominal Operating):**

930°C

**Exhaust Gas Temperature
Range (max) for short time:**

< 1030°C

**Cable and Protection
Sleeve Temperature:**

< 250°C

Length:

84mm

Thread:

M18 x 1.5

Wrench Size:

22mm

