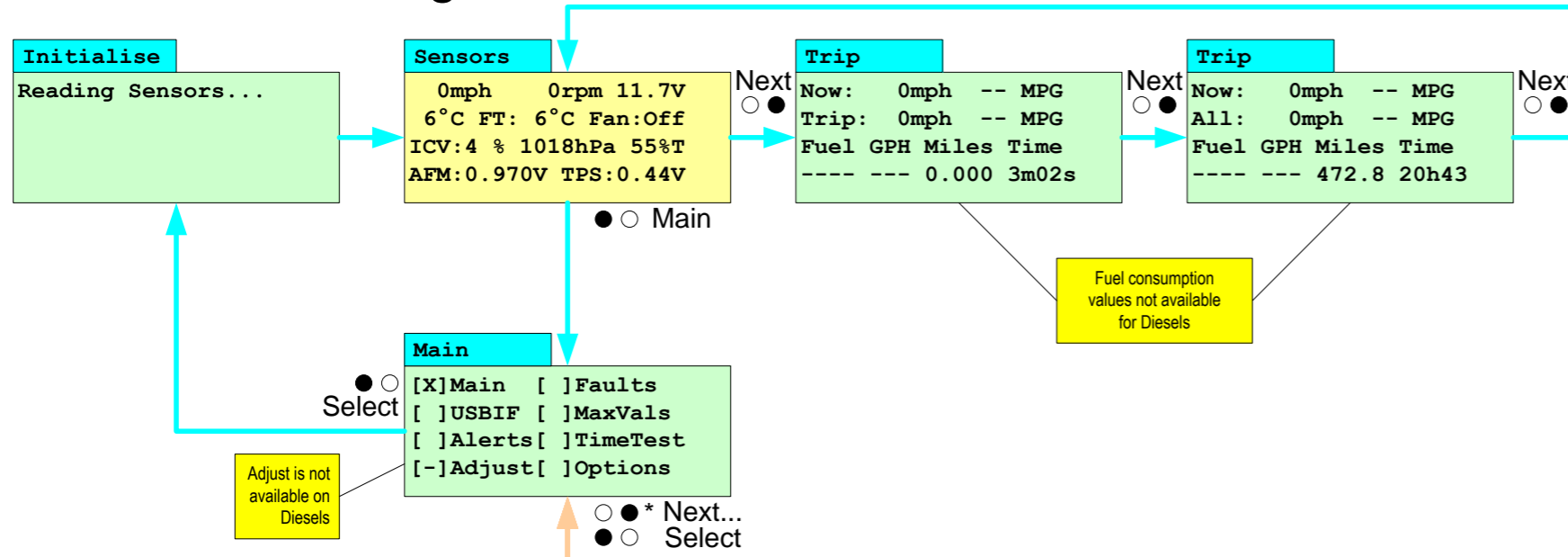# Quick reference guide to the ECUTalk screens.

This guide was put together using a 1999 Nissan Elgrand E50 with the ZD30DTTi engine

The ECUTalk only has two operation buttons. Pressing the left hand button ● ○ essentially selects the option at the point of the cursor [X] and pressing the right hand button ○ ● moves the cursor to the next field on the screen. Except when on the Sensors Screen, pressing the right hand button displays one of the two Trip Screens and then back to the Sensor Screen.

Initialise
```
Reading Sensors...
```

Sensors
```
0mph      0rpm 11.7V
6°C FT: 6°C Fan:Off
ICV:4 % 1018hPa 55%T
AFM:0.970V TPS:0.44V
```
● ○ Main

Trip — Next ○ ●
```
Now:   0mph  -- MPG
Trip:  0mph  -- MPG
Fuel GPH Miles Time
---- --- 0.000 3m02s
```

Trip — Next ○ ●
```
Now:   0mph  -- MPG
All:   0mph  -- MPG
Fuel GPH Miles Time
---- --- 472.8 20h43
```
Next ○ ●

Fuel consumption values not available for Diesels

Main — ● ○ Select
```
[X]Main  [ ]Faults
[ ]USBIF [ ]MaxVals
[ ]Alerts[ ]TimeTest
[-]Adjust[ ]Options
```
○ ●* Next...
● ○ Select

Adjust is not available on Diesels

Sensors Screen Information	Sensor	Typical Value 1	Typical Value 2	Units 1	Units 2**
Nissan Elgand E50	Speed	0	43 (Optimum fuel consumption)	mph	kph
	Revs	750 (Idling)	1800 (Optimum fuel consumption)	rpm	
	Battery/Alternator	11.6V (Battery)	13.6V (Alternator)	Volts	
	Water	Temp (Outside Temp from cold)	85°C (Normal)	°C	°F
	Fuel Temp	(Outside Temp from cold)	(Changes as engine warms up)	°C	°F
	Auxiliary Cooling Fan	Off	On	-	
	Injector Control Valve	4 99 %			
	Barometer Pressure	1013 (Standard at sea level)	(Decreases with increase in altitude)	hPa*	
Variable nozzle Turbocharger Solenoid Valve		55 53 %			
	Air Flow Mass	1.6 - 2.0V (Idle)	approx 4V (@ 3,000rpm)	Volts	
	Throttle Position Sensor	0.4V (Foot off pedal)	4.0V (Pedal fully down)	Volts	%

*The standard atmosphere (atm) is an established constant. It is approximately equal to typical air pressure at earth mean sea level and is defined as follows, standard atmosphere = 101,325 Pa = 101.325 kPa = 1,013.25 hPa = 1.01325 Bar = 29.92126 inHg.
**Alternative units may be selected from the options screen

Faults — ● ○ Back
```
[X]Exit [ ]Clear
55 No Errors   ( 0)
Car has been started
 0 times since fault
```

Certain codes may cause the engine warning light to flash or illuminate

USBIF — ● ○ Back
```
[X]Exit USBInterface
R:0      T:0
PC TX: 00 00 00 00
PC RX: 00 00 00 00
```

MaxVals — ● ○ Back
```
[X]Exit [ ]Reset Max
0mph      0rpm  6°C
INJ: 0%    TPS:0.44V
AFM:1.020V 99°A/99°B
```

Alerts — ● ○ Back
```
[X]Exit [ ]Settings
[ ]Temp  [ ]Injectors
[ ]Speed [ ]Air Flow
[ ]RPM   [ ]Voltage
```
○ ●* Next
● ○ Select

TimeTest — ● ○ Back
```
[X]Exit [ ]60 [ ]100
[ ]400m [ ]160 (mph)
Dont use time trials
  on public roads!
```

Adjust

Adjust is not available on Diesels

Options — ● ○ Back
```
[X]Exit [ ]Injectors
[ ]LCD   [ ]Micro SD
[ ]Units [ ]FirmUpgrd
[ ]Other [ ]ClearTrip
```
○ ●* Next
● ○ Select

Buzzer — ● ○ Back
```
[X]Exit Buzzer Setup
[ -] Pitch = 10[ +]
[ -] Length =0.7[ +]
[ -] Repeat = 5[ +]
```
○ ●* Next...   ● ○ Select

Temp — ● ○ Back
```
[X]Exit Temperature
[ ]Disable [ -]1[ +]
Alert >=   [ -]10[ +]
 70       [ -]100[ +]
```
○ ●* Next...   ● ○ Select

Injectors — ● ○ Back
```
[X]Exit  Injector %
[ ]Disable [ -]1[ +]
Alert >=   [ -]10[ +]
 100      [ -]100[ +]
```
○ ●* Next...   ● ○ Select

Speed — ● ○ Back
```
[X]Exit      Speed
[ ]Disable [ -]1[ +]
Alert >=   [ -]10[ +]
 70       [ -]100[ +]
```
○ ●* Next...   ● ○ Select

Back ● ○
```
[X]Exit   Air Flow
[ ]Disable[ -].1[ +]
Alert >=   [ -]1[ +]
 4.9      [ -]10[ +]
```
○ ●* Next...   ● ○ Select

RPM — ● ○ Back
```
[X]Exit      RPM
[ ]Disable[ -]10[ +]
Alert >=   [ -]100[ +]
 3000     [ -]1000[ +]
```
○ ●* Next...   ● ○ Select

Voltage — ● ○ Back
```
[X]Exit    Voltage
[ ]Disable[ -].1[ +]
Alert >=   [ -]1[ +]
 11.0     [ -]10[ +]
```
○ ●* Next...   ● ○ Select

Injectors — ● ○ Back
```
[X]Exit [ 4]Cylinder
[ 250cc]Injector CC

Injector/Econ. Setup
```

LCD — ● ○ Back
```
[X]Exit LCD Setup
[ -]Contrast =20[ +]
[ -]Backlight=20[ +]
[ -]Ref Time= 20[ +]
```

Micro SD — ● ○ Back
```
Timeout CMD0 Init SD

MiroSD Init Failed
```

Displayed if no SD card is fitted. Screen will time out and return to the Options screen if no SD card is fitted.

Units — ● ○ Back
```
[X]Exit  [ ]TPS: V<%
[ ]KM>Mi [ ]Set TPS%
[ ]Speed%[ ]Temp:C<F
[ ]IgAdj:0
```
○ ●* Next...
● ○ Select

FirmUpgrd — ● ○ Back
```
[X]Exit [ ]Reset Now
Open update software
Choose COM port/file
Reset when prompted
```

Other — ● ○ Back
```
[X]Exit [ ]Info
[ -]Delay 1: 280[ +]
[ -]Delay 2:  70[ +]
Is Diesel Engine:Yes
```

ClearTrip — ● ○ Back
```
[X]Exit [ ]Clear Now
Clear Now will clear
Long term trip meter
Data, not short term
```

Micro SD — ● ○ Back
```
[X]Exit MicroSD Info
[ ]Capacity[ ]Serial
[ ]Speed Test
Test wipes card data
```
○ ●* Next...
● ○ Select

Capacity — ● ○ Back
```
SD Version 2.00 Card
CSD Version 2.0
Blocks: 5703680
Card Size: 2785MB
```

Serial — ● ○ Back
```
ManID:0x13 AppID:KG
Name:SD16G Rev:0.0
S.No:0x1120068e
Date: 05/2013
```

Speed — ● ○ Back
```
SW:58.3kB/s 1.7s  OK
SR:24.3kB/s 4.1s  OK
RW:52.1kB/s 0.2s  OK
RR:23.8kB/s 0.4s  OK
```

Set TPS% — ● ○ Back
```
[X]Exit [ ] 0%
        [ ]100%
Press Enter on 0/100%
to set TPS % range
```
○ ●* Next...   ● ○ Select

Speed% — ● ○ Back
```
[X]Exit Speed Adjust
Speed: [ -]100%[ +]
Hit enter on [-]/[+]
To correct readings
```
○ ●* Next...   ● ○ Select

Info — ● ○ Back
```
ECUTalk LCD Display
Peter Collins - 2008
F/W Ver 2.06 10Oct13
Updates: ecutalk.com
```

Drawn by, Patrick Adams, Revision 1, 11 Jan 2014

Note: * (○ ●* Next...) indicates that multiple presses of the right hand button will move the cursor around the screen to the next field.