DA-ST512

(Live Data Viewer Application)

User's Manual

Live Data Viewer Application

This application will read parameter, status (i.e. bitwise) and identification information in real-time from a selected vehicle ECU. You can also create a custom list of these items to be read.

Live Data Viewer Process

On entry to this application the vehicle will automatically be recognised. The operator will be given a menu of model years associated with the vehicle. Upon selection the operator is presented with a list of ECUs supported on the vehicle. **Note**: Some of these ECUs are optional fitment so may not be supported. After selecting an ECU the operator will be given two choices -

Live Data Items - Display a live list of all the supported parameters and statuses.
Custom Live Data - Select a custom list of parameters and statuses for display.

After selecting one of the above options the following sub-menu will be displayed:

Parameters - Display all live parameters such as sensor inputs (or a selected subset).
Status - Display all digital statuses such as switch inputs (or a selected subset).
Identification - Display a fixed list of ECU part numbers for identifying versions etc.

Once the operator has made a choice then the screen displays '**Please wait**' with a bar graph while the application gathers data from the database file. Once this task is complete the text changes to '**Verifying Data**' whilst the data is read from the vehicle.

If the "**Live Data Items**" option was selected the list of all live data items is then displayed in real-time. If the display of data items shows '**????**' then one of the items is not responding. If there are more than 95 items displayed select "**...**" at the bottom of the list to load more signals.

If the "**Custom Live Data**" option was selected an extra menu with a list of the signals for the operator to select is first displayed. The operator can choose up to 16 signals to display, to do this simply scroll down the list of signals and press '**OK**' for each signal required. This signal will then stay highlighted. To de-select a signal press '**OK**' on that signal for a second time. To start the real-time display of the custom list go to the bottom of the menu and select "**>>>**".

Navigating the Application

The Live Data Viewer application uses the following buttons:

i)	⬆	move up one menu item
ii)	⬇	move down on menu item
iii)	⬅	Page up
iv)	➡	Page down
v)	X	Exit Menu
vi)	OK	Select/De-select

⚠ Please ensure the vehicle is in a safe working condition before using the application.

Live Data Viewer Model Year Updates

The software associated with the Live Data Viewer application is updated periodically to increase it's coverage for new JLR vehicles and model year updates. You can check for these updates by connecting your device to a PC via the supplied USB cable, and launching the DA App Hub. This tool will connect to the Diagnostic Associates file server and check to see if a newer version of the Live Data Viewer application is available to download.

Live Data Viewer Supported JLR Vehicles

The following JLR vehicles and associated model years are supported by the Live Data Viewer application at the time this user manual was produced. To obtain an up-to-date version of this table you should visit the Diagnostic Associates website.

Jaguar & Land Rover Vehicle Coverage								
Live Data Viewer								
Vehicle / Model Year	MY05	MY06	MY07-MY11	MY12	MY13	MY14	MY15	MY16
Defender	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Discovery/LR3/LR4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Range Rover Sport	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Range Rover	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Freelander/LR2	-	-	Yes	Yes	Yes	Yes	Yes	-
Evoque	-	-	-	Yes	Yes	Yes	Yes	Yes
Discovery Sport	-	-	-	-	-	-	Yes	Yes
XJ - New	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
XJ - Old	-	-	-	-	-	-	-	-
XK - New	-	Yes	Yes	Yes	Yes	Yes	Yes	-
XK - Old	-	-	-	-	-	-	-	-
XF	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
XE	-	-	-	-	-	-	-	Yes
F-Pace	-	-	-	-	-	-	-	Yes
F-Type	-	-	-	-	-	Yes	Yes	Yes
S-Type	Yes	Yes	-	-	-	-	-	-
X-Type	Yes	-	-	-	-	-	-	-
(Yes) - Covered for MY : (-) - N/A								