

E1929

Visio cabin touchscreen kit for tipper trucks

notice v1

Purpose



The Visio cabin touchscreen kit completes a 6-function entry protection device (DPO - Entry Protection Device - V6) or a version 6 automatic tipping device (DPO auto V6), with which it is compatible.

The DPO auto V6 provides the driver with information on the status of the vehicle components fitted with sensors. It alerts the driver visually and acoustically in case of absolute necessity.

The following can be displayed visually

- The status of the sideboards
- Tipper lift or tilt to the side
- The status of the underride bar (BAE)
- The status of the tarpaulin
- The status of the rear door

These elements, which have an impact on the display, are detected directly by the sensor settings made on the DPO. However, it is possible to reposition functions in the parameter setting menu of the device.

The conditions for audible and visual alerts are as follows:

- PTO deactivated
- Tipper raised, side panel open, EPS folded, Rear door open
- PTO on
- Cover not folded during emptying.

The disappearance of a sensor or a low battery warning will also be indicated visually.

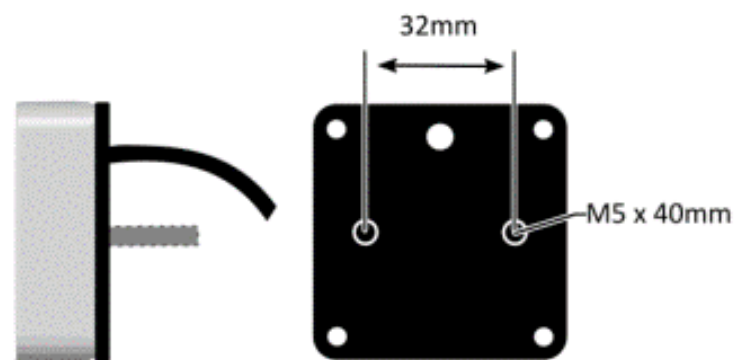
Kit Contents

- A pre-wired touchscreen and its bracket
- 5V power supply (PV-USB2)
- An SD card
- User's manual

Assembly of the elements

Hyphen tech screen kits are ready-to-install wireless communication systems.

The installation simply consists of connecting the power supply (PV-USB2) to a **plus after contact**. Then fix the screen to the board with the help of its bracket:



Power management

Visio starts when the vehicle is switched on. It can only be switched off by switching off the ignition (within 8 seconds after switching off the ignition).

Brightness adjustment

To access the brightness setting, slide your finger up and down the screen from edge to



edge.

Once the setting has been made, repeat the operation in the opposite direction (from bottom to top) to return to the main screen.

Access to main menu

To access the main menu, slide your finger from right to left on the screen, from edge to edge.



Perform the reverse operation (left to right) to return to the main screen.


Pairing to an DPO box

Go to the main menu, then click on "Pair".



This section contains the registration or fleet number of the vehicle currently paired to the cabin display.

This will have been previously entered in the settings of the Atlas Connect DPO box V6 or DPO Auto v6 fitted to the vehicle.

To scan the nearest DPO box, click on the symbol  then select the desired registration.

Click the back button to return to the main screen and save your changes.

Change of equipment

To ease the installation process, it is possible to deactivate or reassign each of the 6 sensors to a given function.

You can also define the nature of the skip (removable or non-removable) resulting in the necessary visual adjustments.

Go to the main menu, click on "parameters".

Note: Access to these settings is locked for the end user by a PIN code that will be given to you by your distributor.


Enter the PIN code to access the device settings.

Click on Equipment:



- Specify the type of skip fitted with.
- For each of the sensors (1-6), specify the function managed or "None" if not installed.

Note: It is perfectly possible to indicate the same function several times (e.g. 2 sides). The display will then calculate the sum of the two pieces of information in order to deduce the best display for the situation.

Click twice on the back button  to return to the main screen and save the changes.

Firmware update

Hyphen tech screens can be updated with a simple SD card in the "Version" section of the device settings.

1. The update must have been copied to the SD card,
2. Insert the SD card,



Any SD card must be inserted into the device, metal tracks upwards, and must be at least 4 GB.



1. Go to the main menu,
2. Click on "Settings",
3. Enter the PIN code,
4. Click on "Version",
5. Click on the installed version number,
6. Click on the available update,
7. Update installed; your device will restart automatically.

Battery level of the sensors



With an average life of 5 years, the low battery indicator and the affected area will automatically be shown in yellow if the battery level of any of the sensors reaches 15% of its remaining charge. Although still functional, the sensor should be replaced as soon as possible.

Technical features

Power supply voltage.....from 9V to 30VDC
Operating temperature range.....-25°C to +60°C
Dimensions.....54x54x20mm
.....2 studs 40 x Ø 5mm centre distance 32mm
Frequency 2.4 Ghz - Bluetooth Low Energy 4.0/4.2
Cable length 2.50m

Screen Homologations

EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014 / 3-3:2013, radio EN 300 328 V2.1.1(2016-11), EMC EN 301 489-1 / 489-17 V3.2.0 (2017-03), EN 62311:2008, EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013, EN IEC 63000:2018, BS EN IEC 62311:2020.

Power supply Homologations

EMC 2014/30/EU, R10, CE 93/68/EEC, AES5, ECE R118.02, UL 94 (V-0, ECE-R10, 2004/108/EC , 93/68/EEC).