

advise, alert, monitor and **control**

The Navman ConEX module is an intelligent device that connects to the Navman Halo or Qube and MDT-800 Mobile Data Terminal to provide a means to monitor and / or control external devices from the OnLineAVL solution.

The ConEX is a configurable I/O expansion module that provides the user with 4 Multi I/O pins for digital input, analog input or digital output.



Examples of Use

ConEX significantly extends the capabilities of the Navman Tracking system. Examples of devices that can be monitored and controlled by the ConEX include:

- Panic Button- PTO Power Take off - Door open or closed - Door Locking Systems -Trailer separation

- And other on board data collection

Inputs / Outputs

All inputs monitored by the ConEX unit are used to generate events in the OnLineAVL solution. These events are sent through the Halo or Qube where they are time, date and position stamped, they are then visible in the vehicle activity log of the vehicle ConEX is fitted to.

Any of the Multi I/O pins can be configured as an open collector output. These can be used to directly control status indicators, alarms, locks and vehicle auxiliary equipment in conjunction with external relays controlled from base.

Reporting

All ConEX events can be reported on individually, together or displayed as part of the overall vehicle activity report. This example is an exception report showing the PTO Switch activated and de activated.

Vehicle Activity Report Page 1
 Period: 1/12/2003 To 2/12/2003 printed on 6/12/2003
 Printed For: Navman Wireless UK Units = Miles

Event Type	Event Date	Ign	Speed	Location
✓	01/12 06:17	☑	0	BROCKHALL GOLF CLUB
✗	01/12 06:21	☑	0	BROCKHALL GOLF CLUB
✓	01/12 07:06	☑	0	WASTE PARK
✗	01/12 07:11	☑	0	WASTE PARK
✓	01/12 07:13	☑	0	WIMPEY VILLAGE
✗	01/12 07:24	☑	0	WIMPEY VILLAGE

Vehicle Activity Report Page 1
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Event Type	Event Date	Ign	Speed	Lat	Long	Location
✓	01/12 12:58	☑	0	0.0	0d 1h 1m	Hanwood Lane, Accrington, Hyndburn, Lancashire, England
✗	01/12 13:00	☑	26.1	0.2		Whalley Road, Great Harwood, Hyndburn, Lancashire, England
✗	01/12 13:02	☑	13	1.1		Whalley Road, Great Harwood, Hyndburn, Lancashire, England
✗	01/12 13:04	☑	0	1.7		Whalley Road, Great Harwood, Hyndburn, Lancashire, England
✗	01/12 13:06	☑	24.2	2.2		Dunkenhalgh Way, Accrington, Hyndburn, Lancashire, England
✗	01/12 13:08	☑	0	2.9		Dunkenhalgh Way, Great Harwood, Hyndburn, Lancashire, England
✗	01/12 13:10	☑	23	3.4		Market Street, Great Harwood, Hyndburn, Lancashire, England
✗	01/12 13:12	☑	9.3	3.9		Sprong Hill Road, Accrington, Hyndburn, Lancashire, England
✗	01/12 13:14	☑	0	4.2		Dover Street, Accrington, Hyndburn, Lancashire, England
✗	01/12 13:16	☑	0	4.2		File Street, Accrington, Hyndburn, Lancashire, England
✓	01/12 13:26	☑	0	4.3		WASTE PARK
✗	01/12 13:28	☑	0	4.3		WASTE PARK
✓	01/12 13:28	☑	0	4.3		WASTE PARK
✗	01/12 13:28	☑	0	4.3		WASTE PARK
✗	01/12 13:28	☑	0	4.3		WASTE PARK

Activity Log Parameters

- Ignition On
- Ignition Off
- MDT Online
- MDT Offline
- Vehicle Moved
- Timed Update
- Query
- Power Up
- PTO Disengage
- PTO Engage

Select All Deselect All

Start Date: 02/12/2003 00:00:00
 End Date: 06/12/2003 00:00:00

OK Close

ConEX

This includes the ConEX module and the fitting of the first digital input / output
 Eg Panic button / PTO Switch

Option 1 Purchase

Retail £ 195.00

Option 2 Lease Per Week Per Vehicle

Lease 2 £ 2.25
 Lease 3 £ 1.49
 Lease 4 £ 1.25
 Lease 5 £ 0.99

For the fitting of each additional digital input / output up to a total of 4
 Eg Panic button / PTO Switch

Option 1 Purchase

Retail £ 95.00

Option 2 Lease Per Week Per Vehicle

Lease 2 £ 0.99
 Lease 3 £ 0.79
 Lease 4 £ 0.59
 Lease 5 £ 0.49



Specifications

Size 400x320x120 mm
Weight 80 g
Case Black Plastic
Voltage 8 - 33V