



Overview

The VBOX File Manager is designed to enhance the use of the VBOX III data logging system by giving fast and easy user control of files. For ease of use, the file manager features a clear graphic LCD display to indicate VBOX status. User control is via a push-button rotary adjuster giving a fast and simple operation.

Features

- Simple graphical interface
- VBOX filenames can be configured by the user
- Unwanted files can be deleted after each test
- Graphical speed display
- Set logging modes without laptop



One of the main features of the file manager is to allow multiple test directories to be used on the compact flash card. For example, if a number of different tests are to be performed during a session, the user can create separate directories on a compact flash card using a PC as shown in the example below. When this card is used in the VBOX along with the File Manager, the user is given the option to save VBOX data in any of the directories on the card.

Name ▲	Type	Date Modified
Braking	File Folder	23/03/2005 13:29
Accel	File Folder	23/03/2005 13:29
Coast	File Folder	23/03/2005 13:29

Example directory names

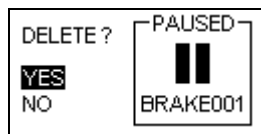
The name of the file created is based on the name of the directory and includes an incremental number for multiple test identification. It is also possible to delete unwanted and invalid data immediately after each test to avoid confusion during data analysis.

The File Manager can also be used to configure VBOX functions such as log rate and log mode without the need for a laptop computer to be connected.

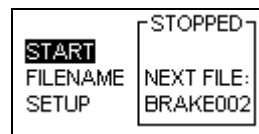
Below are example screen shots showing the simple user interface.



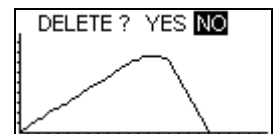
Set up screen



Delete unwanted data



Filename display



Graphical speed display

Specifications		
Data link	VBOX CAN Bus	500Kbit/s
Size	100mm x 50mm x 25mm / 3.9" x 1.9" x .98"	(WxHxD)
Weight	100g / 3.5oz	
LCD Display	128 x 64 pixel	
	Green LED backlight	
Operating temperature	-20 to 50 °C	