FALCOM
WIRELESS COMMUNICATIONS GMBH

MFD-1

Falcom Multi Function Display

- Interface for all Falcom AVL devices
- 4,3“ (11,2 cm) TFT display
- Resolution: 480 x 272 pixel
- 65K colour touch screen
- Embedded ARM9 372 MHz
- 128 MB RAM 512 MB Flash
- SD / MMC card interface
- Windows CE 5.0 OS
- .Net Compact Framework 2.0
- User applications / software
- Fully configurable one finger GUI
- Option: Integrated navigation software with major region map or complete europe map

The FALCOM MFD-1

Falcom GmbH completes the AVL product family additionally to STEPPIII, BOLERO-LT, FOX and FOX-LT by including the MFD-1 as graphical user interface in their portfolio.
Thus information, messages, alarms etc. can be received and sent hence like the Mambo2 concept. This system enhancement is an immense progress for the handling as well as the variety of functions of the AVL devices. The high-resolution touch screen persuades through clear reading also with wider perspectives.
The option to install a navigation software from a well known software house provides the user the possibility for car navigation as well. The combination between MFD-1 as navigation tool and FALCOM AVL–device in vehicle fleets enables the user to send new destinations or routes via GPRS straight from the head office to the several vehicles. This saves both time and above all money.

Compatible Falcom AVL-devices

FOX

FOX-LT

MFD1 - Falcom AVL device controller
and stand alone navigation unit*

FOX-IP68
FOX-LT-IP68

BOLERO-LT

STEPPIII

Requirements

- Active Sync 3.5 or higher
- Windows XP / Vista

Applications

- Phonebook
- MessageBox
- Calendar
- User programs
- Alarm function
- Navigation*
- State information
- Device settings

etc.

Technical specification

General	Physical characteristics
ARM 9 / 372 MHz	Dimensions: (L x W x H) 132 x 87 x 18 mm
128 MB RAM	Weight: 180 g
512 MB Flash	
Windows CE 5.0 Core	**Temperature range**
	Operating: -20 °C to +60 °C
Display	Storage: -25 °C to +70 °C
4,3“ Touchscreen TFT	
Resolution: 480x272 Pixel	**Interfaces**
Colour: 65000	ext. Mini-USB / Active sync
	ext. AVL interface RS232 3,3 V TTL
Electrical characteristics	ext. antenna SMX
USB 1.1 compliant 5 V / 470 mA	ext. charge 5 V / 1000 mA
AVL connector 5 V / 1000 mA	ext. Stereo headset 3.5 mm
	SD / MMC card
	Build in 1 W speaker

* optional available
Note: Specifications and information given in this document are subject to change by FALCOM without notice.
For latest product information see www.falcom.de

FALCOM
WIRELESS COMMUNICATIONS GMBH