

# JAZZ-2

## interface to FALCOM AVL devices

### PRODUCT OVERVIEW

FALCOM expands its AVL product line by including the new JAZZ-2 device as graphical user interface in their portfolio for providing fleet management solutions for navigation and messaging. Interfacing JAZZ-2 to an AVL device provides a 2-way communication between driver and dispatcher, including text and alarm messaging. Sending new destinations or routes via GPRS to the several vehicles straight from

the head office will save both time and above all money. This system enhancement is an immense progress for the handling as well as the variety of functions of the AVL devices. The touch screen convinces by its excellent readability also with wider perspectives. The JAZZ-2 is supplied without navigation software. In principle, any Android compatible map software can be installed by the user and used for car navigation.

### PRODUCT HIGHLIGHTS

- Graphical interface for Falcom AVL devices
- 5" color TFT touch screen (800x480, capacitive Touch)
- 256 MB RAM / 2 GB Flash / CPU 1GHz
- High sensitivity GPS receiver, 64 channels
- USB programming cable
- Android 4.0
- Rechargeable 2300 mAh battery
- 1 UCOM connector (Power, RS232 for AVL devices)
- Carholder with integrated connector
- Ruggedized design / SIM Card Slot
- 2 versions available:
  - GPS only
  - GPS / WIFI / Bluetooth (SPP on Android) / GPRS



### PRODUCT ACCESSORIES

AVL Car-Connection-Kit

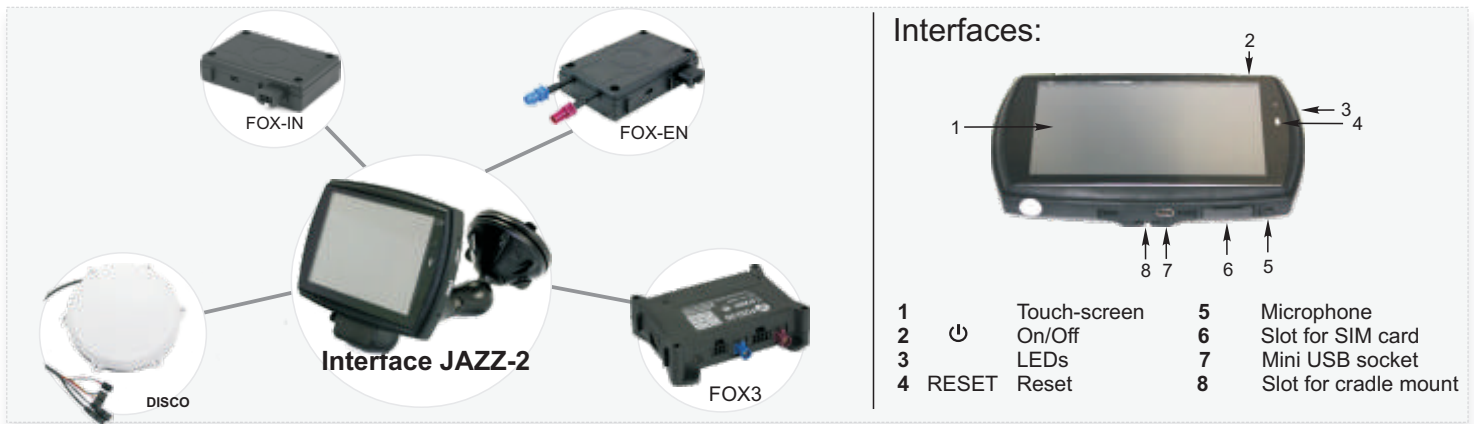


Car-Mounting-Kit

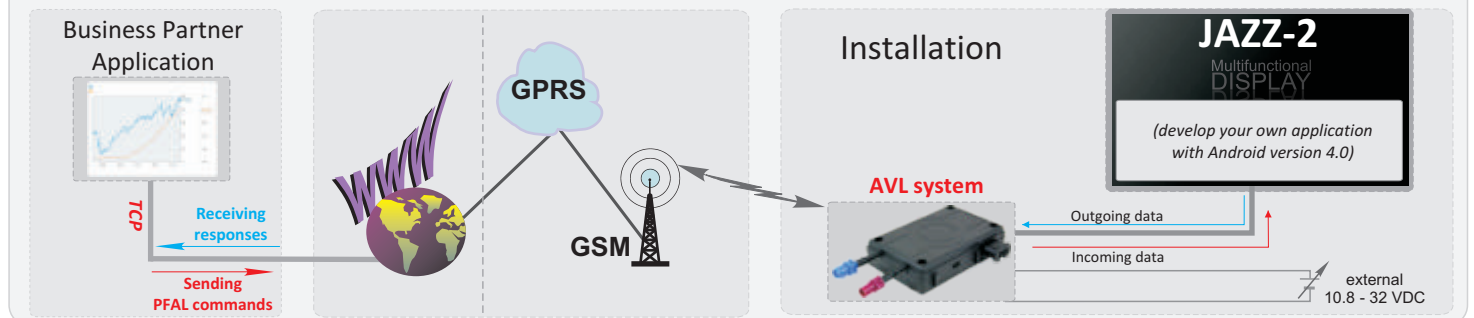


Car-Connection-Kit RS232





## Fleet management solution for navigation and messaging



### REQUIREMENTS

- Android programming on Windows PC:
  - Operating system: Windows XP / Vista or Windows 7
  - Android Software Development Kit (SDK)
  - Eclipse IDE or another software development environment.
- Additional needed parts:
  - Navigation software and maps
  - Fleet Management Application
  - SIM-Card for using GSM/GPRS services

### TECHNICAL SPECIFICATION

<b>General</b>	<b>Temperature range</b>
CPU 1GHz	Operating: -10 °C to +60 °C (humidity 90%)
RAM 256MB	Storage: -25 °C to +70 °C (humidity 95%)
FLASH 2GB	<b>Interfaces</b>
Android version 4.0	Mini-USB port (charging via cradle)
Quad band EGSM 850/900/1800/1900	ext. AVL interface RS232 3,3 V TTL
Bluetooth V2.1 with data transfer (SPP profile)	2,5mm mini headphone jack
WLAN - Wifi IEEE 802.11 b/g	SIM Card Slot
High sensitivity GPS receiver, 64 channels	Power ON/OFF/Back button
<b>Display</b>	Two-colour LED indicators (Red/Green)
5" colour TFT capacitive touchscreen	<b>Antennas</b>
Resolution: 800 x 480 pixels	Internal
<b>Physical characteristics</b>	<b>Accessories</b>
Dimensions (L x W x H): 149 x 94 x 21mm	- Car-Mounting-Kit (vehicle suction foot)
Weight: ca. 252 g	- AVL Car-Connection-Kit (cradle incl. 1m cable with UCOM connector for connecting to AVL devices)
<b>Electrical characteristics</b>	- Car-Connection-Kit RS232 (cradle incl. 1m cable with RS232 and mini-USB ports)
Rechargeable 2300 mAh internal battery	
USB 2.0 compliant 5 VDC / 470 mA (data / power)	

### DEMO APPLICATION (planned)

- Phonebook
- Message Box
- Calendar
- User programs
- Alarm function
- State information
- Device settings etc.

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