VINCELL LT STARTER KIT
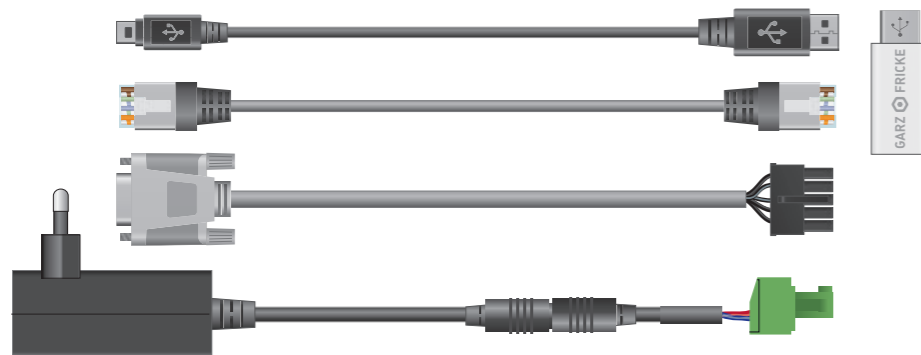
QUICK-START GUIDE

SOLUTIONS THAT COMPLETE!

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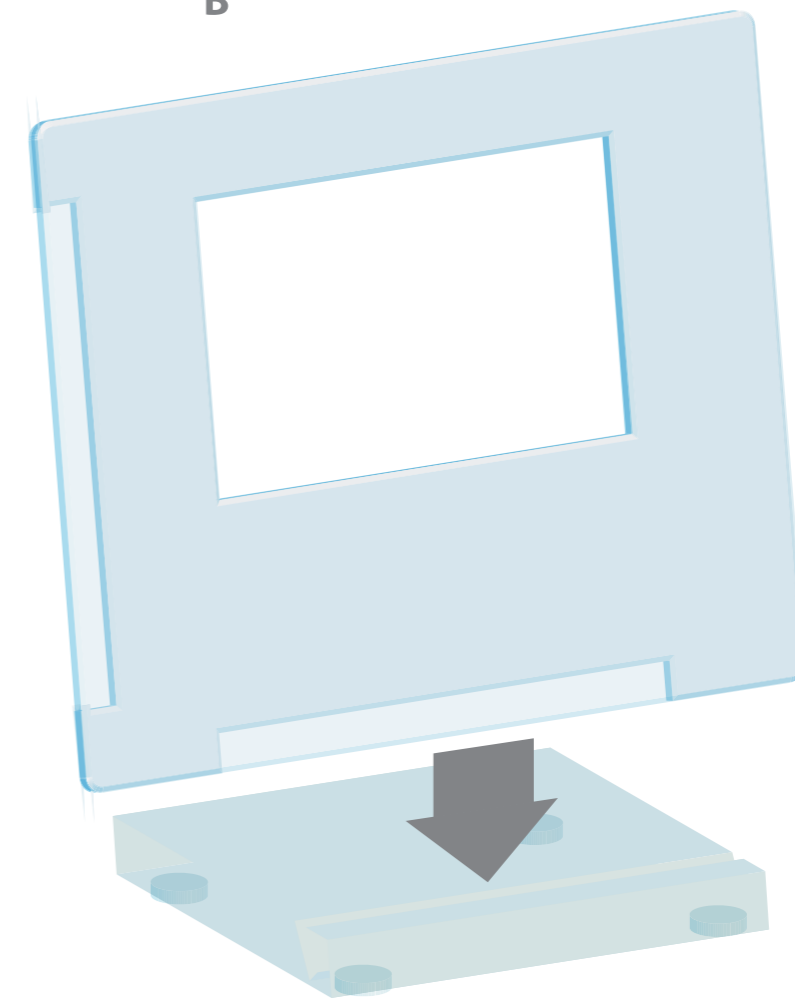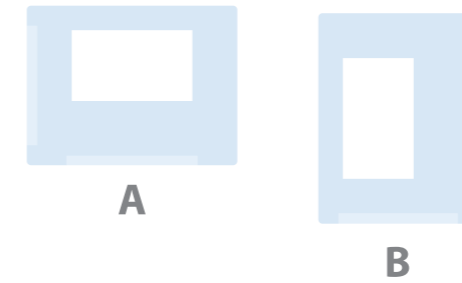
Art. No. 902-0257

What's in the box

Welcome to the Starter Kit (SK) Quick Start Guide. The guide is designed to help you through the initial setup of the SK. To setup your new Garz & Fricke device, you will typically need the following items. If you purchased one of Garz & Fricke kits it will include many of the items depending on the specific kit.

Pos.	Description
1	Garz & Fricke Single Board Computer or Touchpanel PC, mounted in pos. 2
2	Acrylic frame/holder (only Starter Kits with displays up to 7.0")
3	Base plate for pos. 2
4	AC/DC adaptor, power supply 12/24 V, incl. header depending on pos. 1
5	USB connection cable type A to micro
6	Serial cable, Sub-D to Molex Micro-Fit, header depending on pos. 1
7	Ethernet cable, cross-over
8	This Quick-Start Guide
9	Flash & Go Update-Stick
10	Set of connector plugs and crimped wires, according to pos. 1

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If you have a acrylic frame/holder, start by installing the Vincell-LT inside the frame.

A

B

Note: At the end of its serviceable life, the components should not be treated as general waste. They should be handed over to the appreciable collection point for electronic equipment, or send them back to Garz&Fricke for recycling.
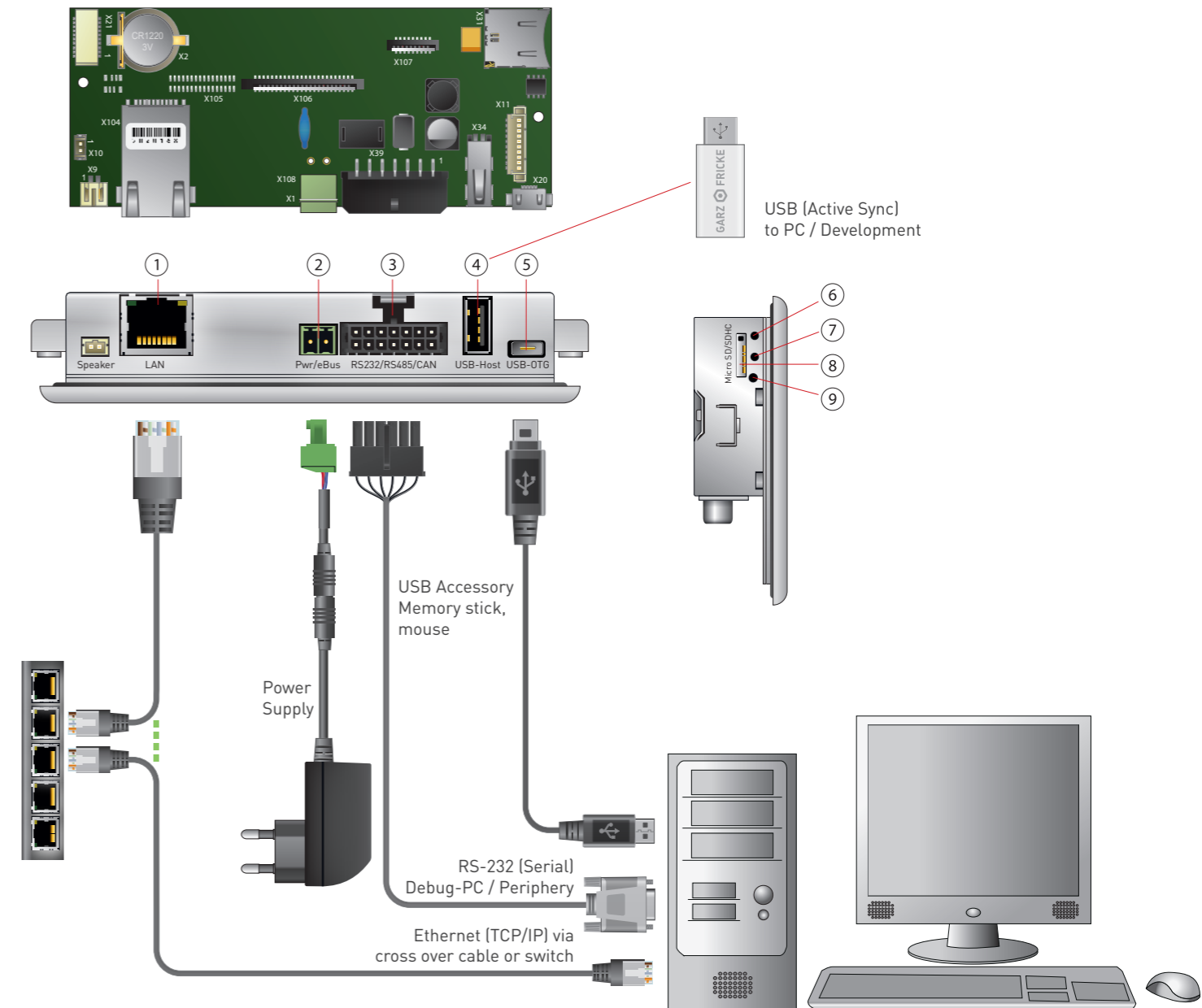
http://support.garz-fricke.com/products/Vincell-LT/

Online Support
Documents and firmware

OPERATING SYSTEMS

Windows CE 7	http://mx31.de/t	Contains information about Windows Embedded CE 7, the tool chain, the development environment Visual Studio, Garz & Fricke tools, etc.
Linux Yocto Daisy	http://mx31.de/u	Contains information about Linux BSP with development environment Linux Embedded System Yocto (Codename: Daisy, Version 1.6.1) includes first information about the bootloader Flash-N-Go
Linux PTXdist	http://mx31.de/v	Contains information about Linux BSP with development environment Linux Embedded System PTXdist (Version 2011.09.0-guf-1) includes first information about the bootloader Flash-N-Go
Android 4.2.2	http://mx31.de/w	Contains information about Android 4.2.2 including the SDK

UPDATE

Redboot	http://mx31.de/y	Contains information about the usage of the RedBoot boot loader

Pos.	Description	Pos.	Description
1	Ethernet	6	Reset sw
2	DC in	7	Bootselect sw
3	RS-232	8	SD card slot
4	USB-Device	9	Power LED
5	USB-Host (OTG)		

http://support.garz-fricke.com/products/Vincell-LT/

The first steps...
Booting up the device

- Some LCD are covered by a protective plastic. This plastic can be removed for optimal touch performance or left for protection purposes.
- Connect the power cable to the power jack on the board and plug in to an AC power source.
- The device will boot-up, start the operating system automatically and displays the Garz & Fricke touch demo software.
- Take a hot coffee from your new coffee mug and start your development.

Purpose of the cable connections and which is required for booting up the device:

Pos.	Description	Usage	Required
1	Ethernet	Ethernet connection is only needed for firmware download via TFTP server and updating the device.	No
2	DC in	Power chord is used for booting up the device.	Yes
3	RS-232	Serial connection is only needed for accessing the shell on the device.	No
4	Flash&Go Stick	A plugged in USB mass storage containing firmware files can be used for updating the device.	No
5	USB-Host	An USB serial connection can be alternatively used for accessing the shell.	No

If you need further information:

Regarding	Can be found in
Device configuration	Operation system manual
Development setup	Operation system manual
Tool Chains	Operation system manual
SDKs	Operation system manual
Updating the device	Flash-N-Go manual and Operation system manual
Known Restriction	Software Release Notes shipping with each release
Executed Tests	Software Release Notes shipping with each release
Changes between software versions	Software Release Notes shipping with each release

STARTER KIT IMPORTANT NOTICE

This evaluation board/kit is intended for ENGINEERING, DEVELOPMENT, DEMONSTRATION or EVALUATION PURPOSE ONLY.   It is not a finished product and may not (yet) comply with some or any technical or legal requirements that are applicable to finished products, including, without limitations, directives regarding electromagnetic compatibility, recycling (WEEE), FCC, CE or UL (except as may be otherwise noted on the board/kit). Garz & Fricke supplied this board/kit "AS IS," without any warranties, with all faults, at the buyer's and further users' sole risk. The user assumes all responsibly and liability for proper and safe handling of goods. Further, the user indemnifies Garz & Fricke from claims arising from the handling or use of goods. Due to open construction of the product, it is the user's responsibility to take any and all appropriate precautions with regard to electrostatic discharge and any other technical or legal concerns.

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