



Installation Instruction - Electrical

Applicable for Z250 and Z320

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1 General

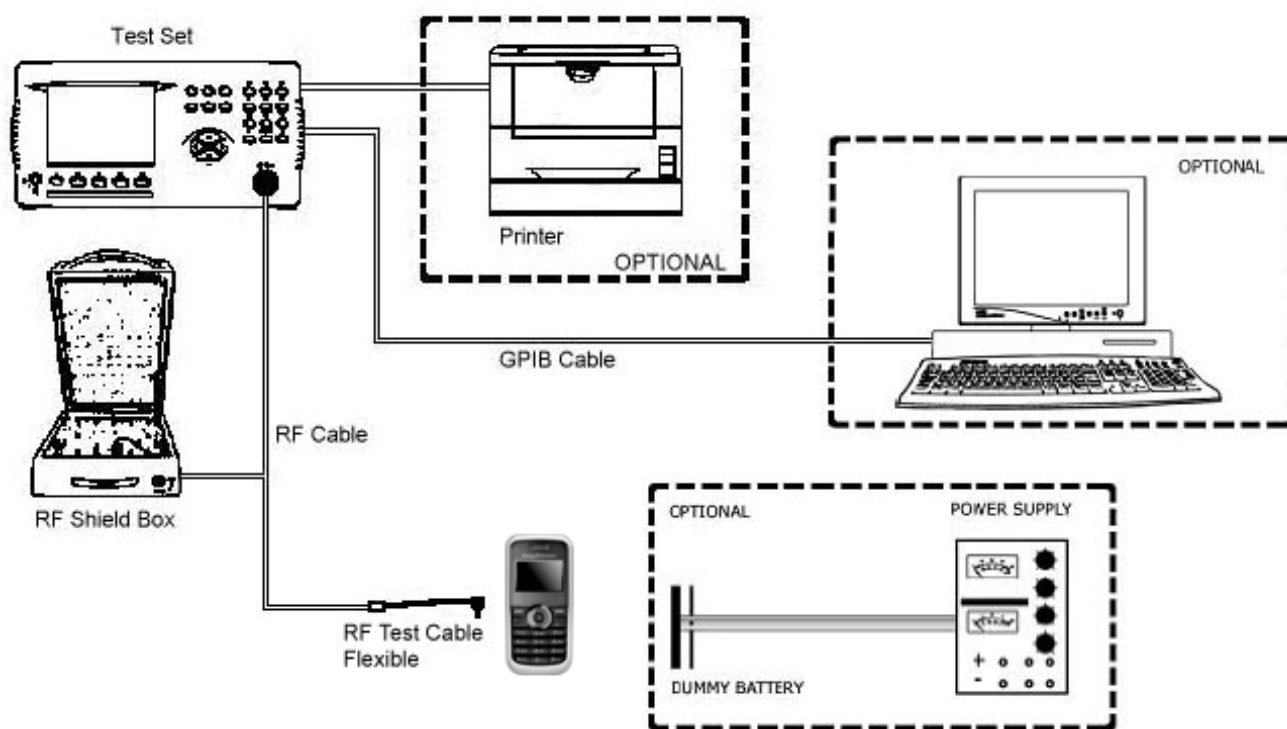
The Electrical Installation Instructions describes the procedures for installing all of the hardware and software needed to perform testing, calibration, software loading and repair activities at an Electrical level for the Sony Ericsson products specified.

2 Go/No Go Testing

There are two options for performing a Go No/Go test. One is to use an RF Test Cable and the other is to use an antenna coupler together with a shielding box.

2.1 Test Set-up Go/No Go test

All test hardware necessary for this test set up is documented in the Electrical Equipment List.





2.2 Test Set

An E-GSM 900/GSM 1800/GSM 1900 Test Set approved according to the Instrument List must be used.

It should be installed according to the Instrument Manufacturer Instructions.

2.3 RF Connection - Antenna Coupler

Connect the RF Cable between the RF-port of the Test set and the RF Shield box. The Antenna Coupler should be installed into the RF Shield Box according to manufacturer instructions.

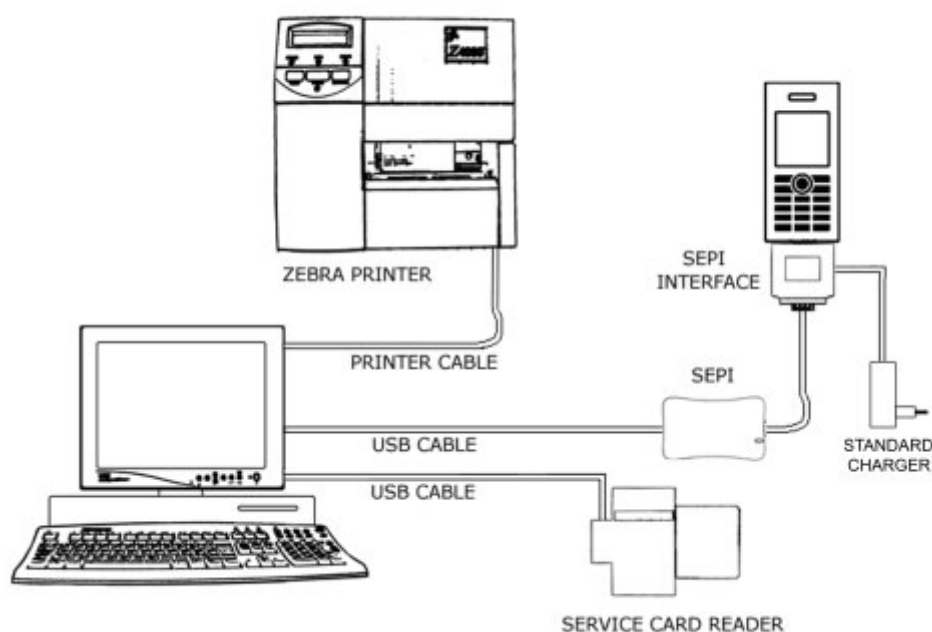
2.4 RF Connection – Test Cable Flexible (optional)

Connect the RF-cable between the RF-port of the Test set and the RF Test Cable Flexible. Assemble the Test Cable to the phone according to the information in the Test Instruction Electrical.

3 General Equipment

3.1 Test Set up

General Test set up to perform SW loading and manual test according to Test Instruction. All necessary hardware for this test set up is documented in the Electrical Equipment list.



3.2 Computer

IBM compatible computer is required. The computer should include at least two USB-ports. Refer to Equipment List for minimum requirements.

3.3 Sony Ericsson Programming Interface – SEPI

The USB programming interface is delivered with the necessary software and instruction for installation. The USB programming interface (SEPI) should be connected to an USB-port on the computer.

The SEPI is required when upgrading the phone.



3.4 Sony Ericsson Programming Interface (SEPI) A1 Cable

The cable is the interface between the USB programming interface (SEPI) and the phone.

NOTE! The SEPI A1 cable must be connected with a CST-60 Standard Charger

3.5 Label Printer (optional)

A Zebra printer model 90xi, 90xill or 4000 deluxe shall be used. Connect the printer with a standard RS 232 serial printer cable [refer to the Zebra printer manual] to the serial port on the computer. Read the Zebra installation manual for more information about the installation.

3.6 Service Card Reader and Service Card (Optional)

The Service Card Reader is delivered with the necessary software and instructions for installation. The Service Card Reader should be connected to an USB-port on the computer.

The Service Card Reader/Service Card is required for Label Make II

4 Software

4.1 EMMA III

EMMA III contains all software required to service the product. Installation and user manuals are available in the EMMA III start page.

<http://ma3.extranet.sonyericsson.com/ma3/>

4.2 Labelmake II software (optional)

LabelMake II is an application installed through Java Web Start.

Access the Labelmake software from [CSPN](http://cspn.extranet.sonyericsson.com) Web page.

You will find LabelMake II in the dropdown menu on the CSPN web page.

<http://cspn.extranet.sonyericsson.com>

Press "START LabelMake II "button and you will be directed to the LABELMAKE II client page.

Product labels are downloaded on-line from a remote server database.

5 Revision History

Rev.	Date	Changes / Comments
A	2007-10-09	1 st release