



# Installation Instruction, Mechanical

Applicable for C905

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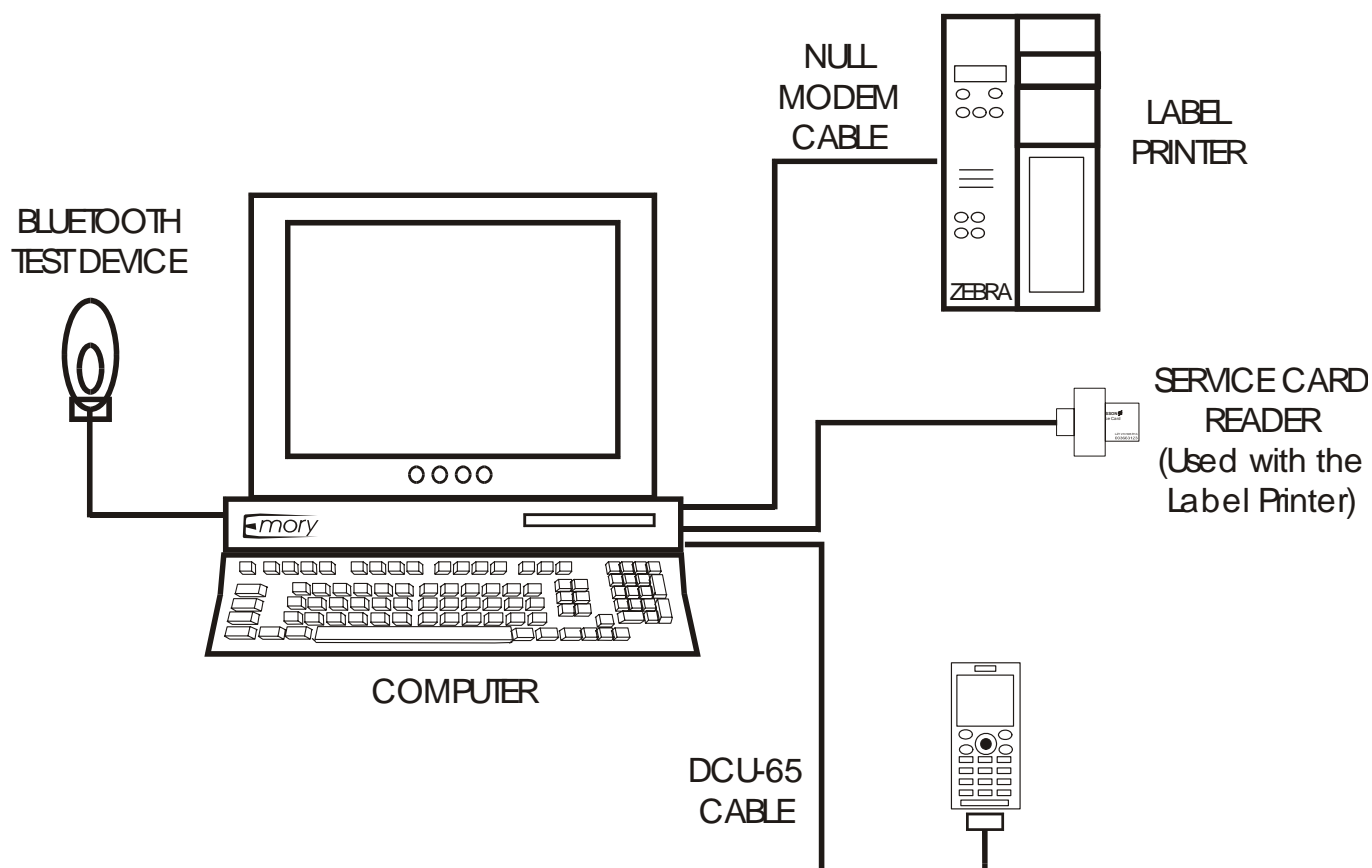
# 1 General

This document describes the installation procedure for the Mechanical repair package. The Mechanical repair package consists of a Computer and Interface Cables. A label printer can be installed to be able to print new labels.

## 2 Hardware

All hardware must be approved by Sony Ericsson and is documented in the Equipment List.

### 2.1 Test Setup



The equipment in this picture is specified in the Equipment List.



## **2.2 Computer**

IBM compatible computer is required. The computer should have a USB-port. Refer to Equipment List for minimum requirements.

## **2.3 Sony Ericsson programming interface cable – DCU-65/USB Cable**

The cable is the interface between the computer and the phone. The DCU-65/USB cable should be connected to a USB-port on the computer.

## **2.4 Bluetooth Device**

Any Bluetooth device such as a headset, other Bluetooth phone or other Bluetooth device can be used to verify the Bluetooth function in the phone. Set up the connection according to the chosen equipment's manufacturer instructions.

## **2.5 Power Supply (optional)**

A Power Supply according to the Mechanical Equipment List may be used.

Set the output of the Power Supply as follows

- Voltage: 3.8Vdc
- Current: 2.0Amps

## **2.6 Battery Eliminator (Dummy Battery)**

A Battery Eliminator is to be used together with a power supply to power the phone. Connect the cables from the battery eliminator to the power supply, red cable to positive output terminal and black cable to negative output terminal.

## **2.7 Label Printer**

A Zebra printer shall be used. Connect the printer with a Null Modem 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.

## 2.8 TV set or Computer with RCA Audio Video Connectors

Any TV set or Computer with RCA Audio Video Connectors can be used to verify TV-out function in the phone

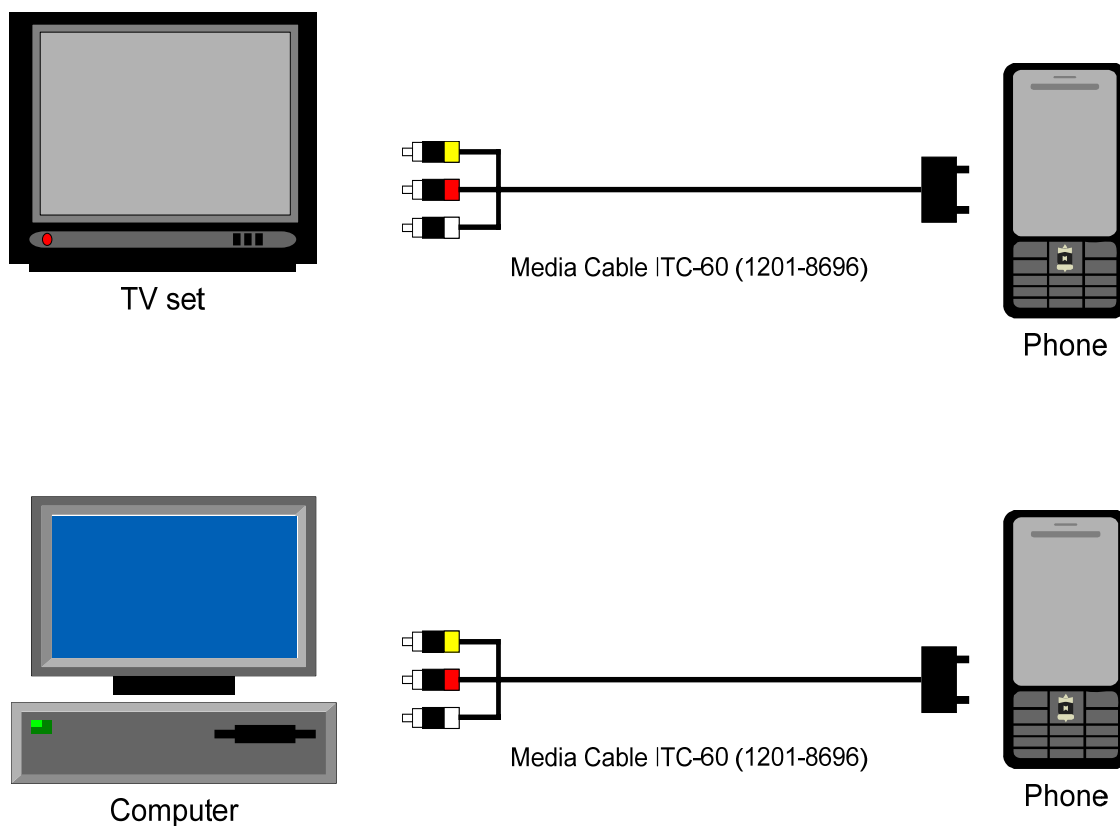
The sound can be tested with any kind of Audio device with RCA Audio connectors

### 2.8.1 Installation

Connect the Media Cable end with the tree cables to your TV set. Use the Yellow RCA male connector to connect to a yellow RCA female connector on TV set.

Connect the Media Cable to your phone using the Sony Ericsson system connector.

On your TV, choose to view external input or AV input.





## 2.8.2 Enable correct TV Sub Format

- Enter media player, either by pressing the left soft key or navigating to the Media player icon in the main menu, using the rocker keypad.
- Enter Settings menu by using rocker keypad.
- Enter TV out menu, by pressing rocker keypad.
- Enable PAL by pressing rocker keypad. Go back to main menu by pressing right soft key repeatedly\*.

\*PAL should be chosen if using C905 TV-Out in Europe. When using C905 TV-out in Japan or USA, NTSC should be chosen. For other countries, see wikipedia:  
<http://en.wikipedia.org/wiki/Image:PAL-NTSC-SECAM.svg>

# 3 Software

## 3.1 Emma

Emma contains software upgrades and tools required for servicing this phone. Emma is accessible through the CSPN web page. Installation and user manuals are available at the EMMA start page.

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

## 3.2 Labelmake II software

LabelMake II is an application installed through Java Web Start.

Access the Labelmake II software from the CSPN 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.



## 4 Revision History

Rev.	Date	Changes / Comments
1	2008-10-24	First release
2	2008-10-27	Text revised