

# Programmes After Market Services NHM-5NX Series Transceivers

## Service Software

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## General

To run the Service Software, a software protection device (PKD-1) has to be connected to the parallel port. TDF-4 box must be connected to PC for flashing purposes.

Note: if this software is to be run on laptops, the power saving feature **MUST** be switched off.

### Hardware requirements for Windows 3.11

The recommended minimum hardware standard to run Service Software is any computer which is 386 33 MHz or greater with at least 4 MB of memory and VGA type display (640 x 480). This assumes that only the WinTesla with phone module is active, i.e. other Windows packages are not running in the background.

### Hardware requirements for Windows 95/98/NT

The recommended minimum hardware standard to run Service Software is any computer which has Pentium processor, memory 8 MB and meets HW requirements recommended by Microsoft.

## Software Environment of the Support Modules

The Service Software user interface is intended for the following environments: Microsoft Windows 3.11 (enhanced mode), Windows 95/98 and Windows NT. For those who are familiar with Windows environment this application will be easy to use. Detailed information about Windows and application usage can be found from the Microsoft Windows Users Guide.

As an ordinary Windows application, the main idea in the user interface is that selections are made with menus, push buttons and shortcut keys.

Selections can be done by using keyboard and/or mouse. There is always a status bar displayed at the bottom of the main window which contains information about current actions.

## Installation

### Mechanical Connections

*Caution: Make sure that you have switched off the PC and the printer before making connections.*

*Caution: Do not connect the PKD-1 key to the serial port. You may damage your PKD-1 !*

Please refer to *service setup* in this chapter for information regarding different flash set-ups.

Attach the dongle PKD-1 to the parallel port 1 (25-pin female D-connector) of the PC. When connecting PKD-1 to the parallel port, be sure that you insert the computer side of the PKD-1 to the PC (male side). If you use a printer on parallel port 1, install the PKD-1 between the PC and your printer cable.

The PKD-1 should not affect devices working with it. If some errors occur (errors in printing are possible) please try printing without the PKD-1. If printing is OK without the PKD-1 please contact your dealer. We will offer you a new PKD-1 in exchange for your old one.

### Installing the Service Software on PC Hard Disk

The program is delivered on a diskette and is copy protected with a PKD-1 dongle. It must be present in parallel port when using Service Software.

The program must be installed on the hard disk before use.

Keep the original diskette safe to enable upgrading of the program !

### Flash Adapter (FLS-2D)

Installation instructions can be found in the relevant Sales Pack (see *Service Tools* chapter).

### Flash Prommer (FPS-4)

Installation instructions can be found at the following intranet address:-

<http://www.nmp.nokia.com/sasw/projects/prommer/manual/manual.htm>

### First time installation of WinTesla:

Do the following to make a complete WinTesla installation with support for NHM-5:

Insert the WinTesla software diskette into the floppy drive on your computer (i.e. Drive A:)

**For Windows 3.1 and 3.11:**

Start Windows, type *win* <Enter>

Open the File manager, open Main window and start File manager.

Select the floppy drive and:

Start installation, double-click the *wt\_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double-click the *dk2wn16.exe* file.

Follow the instructions on the screen.

When installation has finished remove the dongle driver software disk from your floppy drive.

Continue with the support modules installation.

**For Windows 95/98 and NT:**

Open Microsoft Explorer, Select *Start – Programs – Explorer*

Select the floppy drive and:

Start installation, double-click the *wt\_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double-click the *dk2wn32.exe* file.

Follow the instructions on the screen.

When installation has finished remove the dongle driver software disk from your floppy drive.

Continue with the support modules installation.

### **Installation of NHM-5NX support modules (WinTesla already installed):**

To install the new Service Software Program, follow the steps below:

Insert the new Service software diskette into the floppy drive on of your computer (i.e. Drive A:)

#### **For Windows 3.1 and 3.11:**

Start Windows, type *win* <Enter> and open the File manager.

Open Main window and start File Manager, select the floppy drive.

Start installation, double-click the *asinstall.exe* file.

Follow the instructions on the screen.

#### **For Windows 95/98 and NT:**

Open Microsoft Explorer, select *Start –Programs– Explorer*

Select the floppy drive.

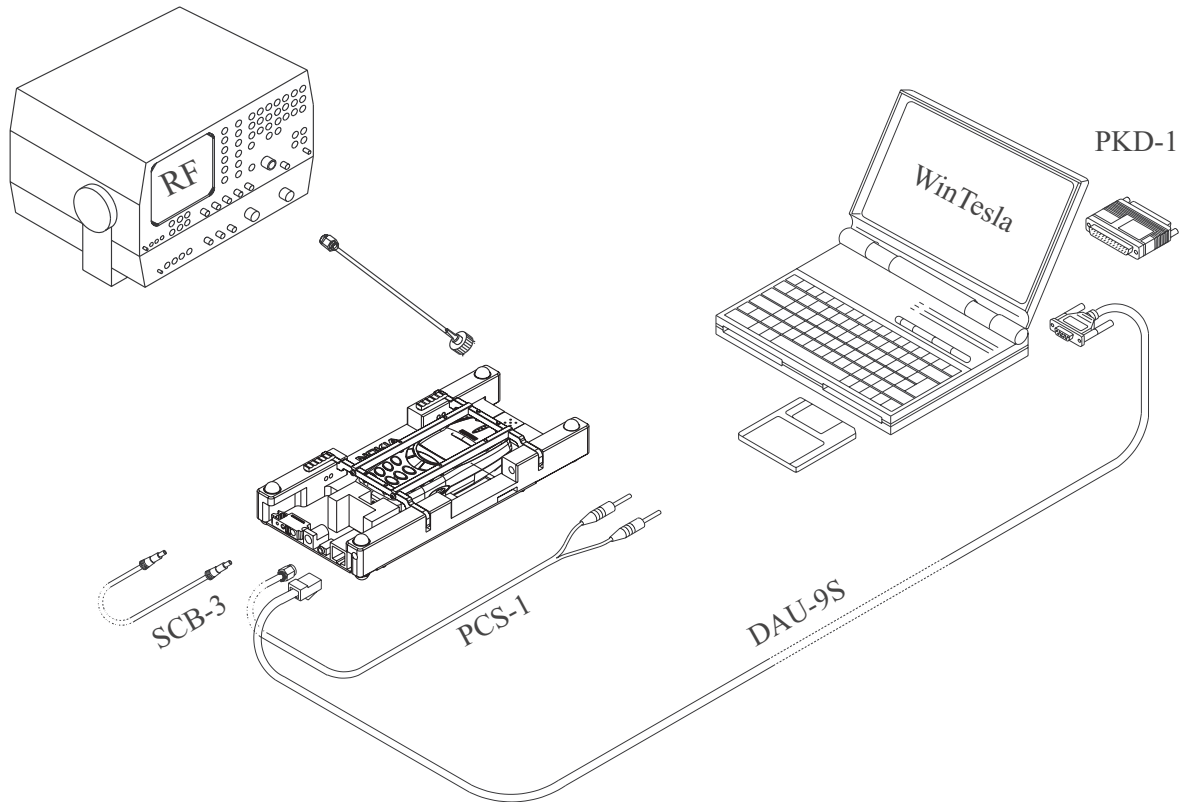
Start installation, double-click the *asinstall.exe* file.

Follow the instructions on the screen.

### **NHM-5NX Service Software Features**

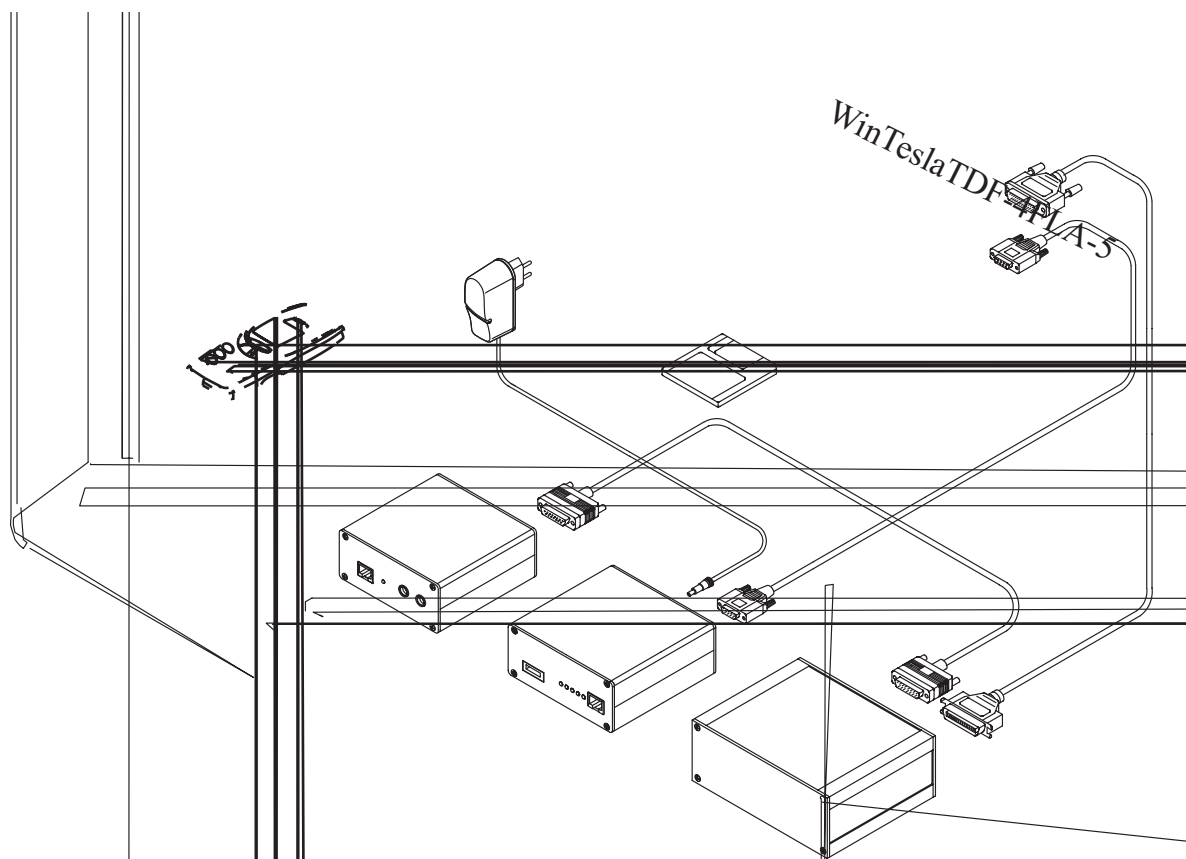
For further information regarding each specific feature please refer to the online help included with the support module installation package. The dialogues have buttons marked Help for direct access to the specific area in the online help in which the feature is explained.

**Service Setup**



Service accessory:	Type Des	Product code:
Module Repair Jig	MJS-19	0630260
DC-DC Cable	SCB-3	0730114
Service Cable	DAU9-S	0730108
DC Power Cable for JBU6	PCS-1	0730012
Software Protection Key	PKD-1	0750018
3.5" WinTesla Software Disk		0770269

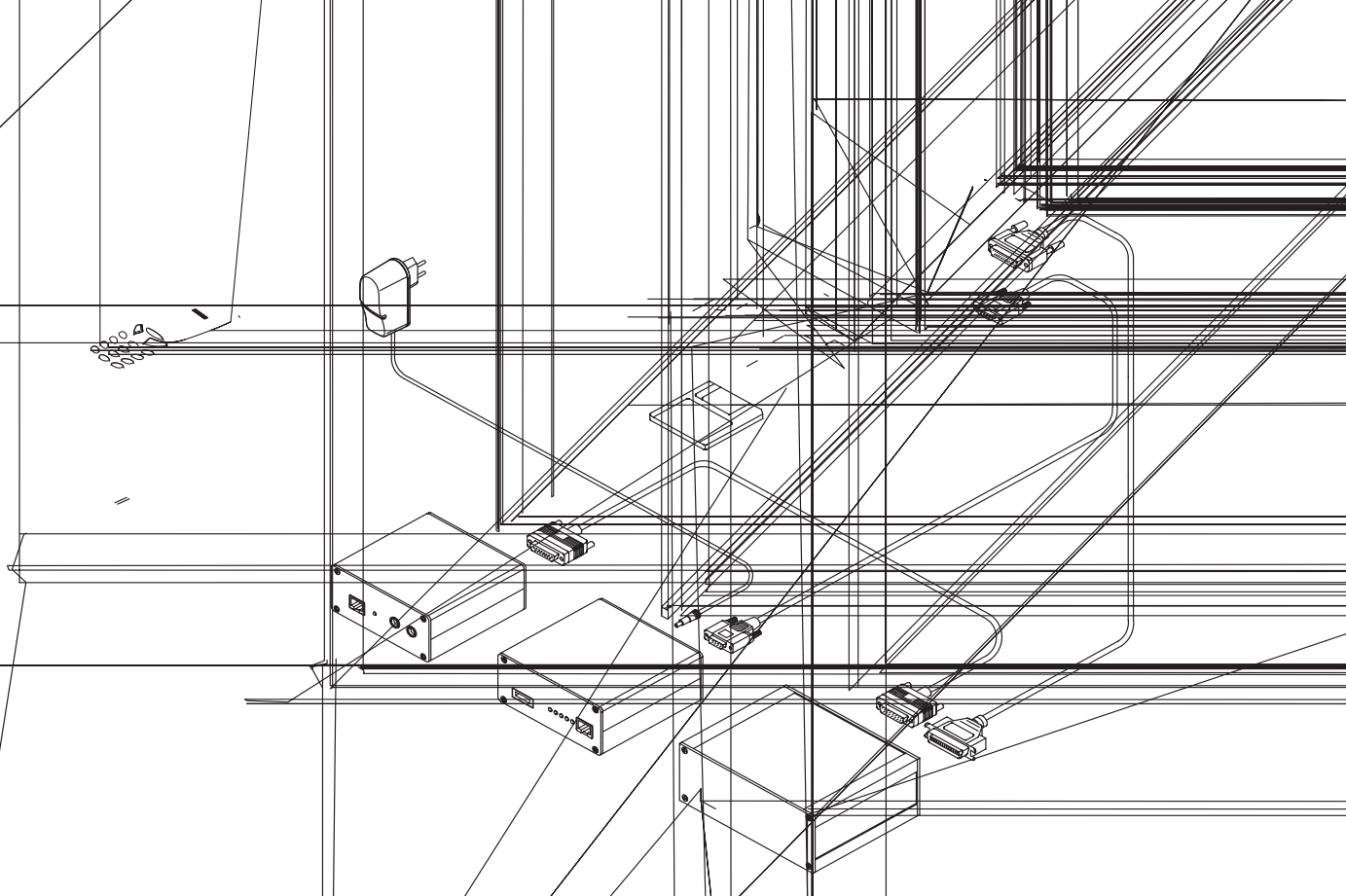
## Flash Concept Using Repair Jig MJS-19



Service accessory:	Type Des	Product code:
Service Repair Jig	MJS-19	0630260
Flash Prommer Sales Pack	FPS-4	0085095
AC Charger	ACL-3	0680015
D9-D9 Cable	AXS-4,	0730090
S/W Installation Disk		
Printer Cable		0730029
Security Box		
Flash Security Box	TDF-4	0770106
Flash loading Adapter	FLA-5	0080178
Service Cable	SCH-5	0730098
D15- D15 Cable	AXS-5	0730091
S/W Installation Disk		
Service Cable	XMS-3	0730174
DC Power Cable for JBU-6	PCS-1	0730012
Software Protection Key	PKD-1	0750018
DC Cable(TDF4 to FLA-5)	PCC-1	0730053

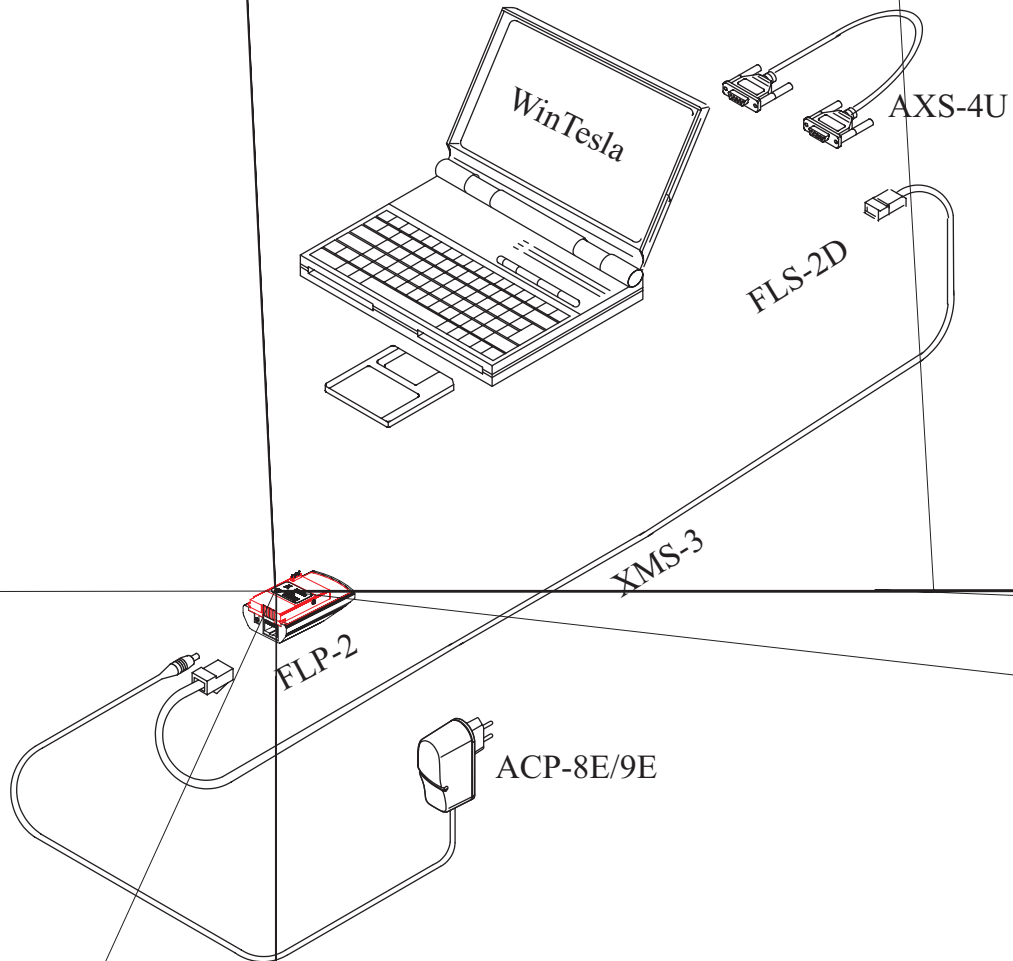


**Flash Concept with BBS-8 Service Battery**



Service accessory:	Type Des	Product code:
Flash Loading Adapter	BBS-8	0630261
Flash Prommer Sales Pack	FPS-4	0085095
AC Charger	ACL-3	0680015
D9-D9 Cable	AXS-4,	0730090
S/W Installation Disk		
Printer Cable		0730029
Security Box		
Flash Security Box	TDF-4	0770106
Flash loading Adapter Sales Pack	FLA-5	0080178
Service Cable	SCH-5	0730098
D15- D15 Cable	AXS-5	0730091
S/W Installation Disk		
Service Cable	XMS-3	0730174
DC Power Cable for JBU-6	PCS-1	0730012
Software Protection Key	PKD-1	0750018

**Flash Concept POS with FLP-2**



Service accessory:

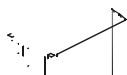
- Flash Loading Adapter(inc DC Service Cable)
- Service Cable
- D9-D9 Cable
- Travel Charger
- POS Flash Adapter Sales Pack
- 3.5" WinTesla SW Disk

Type Des

Product code:

FLP-2	0630262
XMS-3	0730174
AXS-4U	0730090
ACP-8E	0675195
ACP-9E,	0675149
FLS-2D	0081310 APAC
	0081311 EU/AFR POS
	0770269

## Warranty Setup



## Common User Interface

All WinTesla files share a common interface which are detailed in the WinTesla help files once the software is installed. A typical example is shown in the figure below.

