User manual ELS Laundry Program Manager

LPM 6





Original instructions

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The manufacturer reserves the right to make changes to design and component specifications.

1 Symbols

Caution
Caution, hot surface
Read the instructions before using the machine

2 General

2.1 What is Laundry Program Manager?

ELS Laundry Program Manager is an intuitive, easy to use PC- tool to create or customize ELS washer or dryer program on your PC.

ELS Laundry Program Manager is hereafter referred to as LPM.

It is compatible with washers using Clarus Control, Compass Control or Compass Pro, and dryers using Compass Pro control system.

LPM gives the possibility to make a new program from scratch, using the built in Sequence Database, or use a factory program from the machine as a template, and modify according to your wishes. You can save the new program directly to the machine if you are connected to a Compass Control (RS232) or Compass Pro (USB/RS232), or use the Clarus Control memory card reader to transfer the program to a Clarus Control machine.

On Compass Control and Compass Pro, you can also change the order of appearance of the available programs in the display and change which programs should be available, or you can remove custom programs from the machine memory.

The printing function in LPM can be adjusted to give you a better overview of the program structure.

Note!

Administrator rights are required to install Laundry Program Manager and associated drivers and files.

2.2 System requirements

System requirements for CMIS are divided in two parts, PC and Machine.

2.2.1 PC

Microsoft Windows XP (x86), Windows Vista (x86/x64), Windows 7/8/10 (x86/x64)

Microsoft Internet Explorer 6.0 or higher

Intel Pentium compatible, 900 Mhz or better

Recommended Free Hard drive space is 500MB

Monitor with minimum 1280 x 1024 resolution recommended

CD-ROM drive

1 Free serial port (RS232) for connection of communication cable (Compass Control / Compass Pro)

1 Free USB port for connection of Clarus Control USB card reader or standard USB communication cable for Compass Pro

Adapter and Null modem cables for Compass Control (included in Starter kit)

USB cable for Compass Pro (included in Starter kit)

ELS Memory card reader and memory card for Clarus Control (included in Clarus Control Option kit)

2.2.2 Machines — Washers

LPM is supported by machines equipped with Clarus Control, Compass Control or Compass Pro.

There are different ways of transferring the program to or from the machine.

- Clarus Control uses ELS Card reader and Clarus Control Memory Card.
- Compass Control uses a serial COM port connected to P-load port on Compass Control CPU.
- Compass Pro can use either a USB port on the machine front or CPU board, or a serial COM port on the CPU board.

Software

LPM is supported by software versions as listed below:

Clarus Control, all software versions.

Compass Control

Version required to create and upload/download program: Base software 432669904: Version 3.27 or later. Base software 432669701: Version 2.63 or later. Base software 432669920: All versions. Base software 432669720: All versions.

Version required to use functionality **Manage active programs** list: Base software 432669920: Version 4.5 or later. Base software 432669720: Version 4.5 or later.

Actual software version can be read in Service menu under Service – Article Number – Program Unit – Base Software.

Compass Pro, software 432669961 version 4.09 or later.

Actual software number and version can be read in Service menu under System – System Information – CPU – FW. Non-compatible software or machine is recognized by a red stop icon in the Machine view. See **Scanning for connected machines**.

2.2.3 Machines — Dryers

LPM is supported by machines equipped with Compass Pro control system.

Compass Pro can use either a USB port on the machine front or CPU board, or a serial COM port on the CPU board.

Software

LPM is supported by software versions as listed below:

Compass Pro software 432669961 version 4.09 or later.

Actual software version can be read in Service menu under System – System Information – CPU – FW.

Non-compatible software or machine is recognized by a red stop icon in the Machine view. See **Scanning for con-nected machines**.

2.2.4 Additional Requirements

LPM consists of two different kits.

The Starter kit (p/n 988802269), includes software CD, USB cable, adapter cable and a null modem cable. This is all necessary accessories to start using LPM with Compass Control and Compass Pro machines.

Clarus Control Option kit (p/n 988802260, includes ELS Card reader and 5 Clarus Control Memory cards. You need this kit if you intend to use LPM with Clarus Control machines.

Both kits are available for purchase from your local Electrolux Professional dealer.

2.3 File types

Wash Program Manager uses different file types in accordance with the following:

*.mac = Machine file for specific machine. (For Clarus Control, *.mac and *.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required).

Contains factory made program modules with menus and parameters adapted for the selected machine. The machine files will be updated when LPM is updated via the ELS website.

*.seq = Database file for specific machine. Contains user made program modules. The *.seq file will be preserved when LPM program is updated. (For Clarus Control, *.mac and *.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required). (A *.seq file created in WPM 5 / LPM 6 or later cannot be opened in earlier versions).

*.wpf, *.lpf = Program file, (for Clarus Control, *.mac and *.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required), enabling custom made programs to be saved to your hard drive. The file is tagged to a specific machine model, but can be converted to another with the same control system. Files will be preserved when LPM is updated. (The file extension *.lpf is used from LPM 6.0 and later. A *.wpf file created in WPM can be opened with LPM. LPM can save to *.wpf for use in earlier WPM versions. Compass Pro can only use LPF format).

*.wpl = File containing the program library for Compass Control or Compass Pro. This is normally stored on the computer's hard disk and is tagged to a specific machine model. It can also be uploaded to the CPU, but always to the same machine model. Files will be preserved when LPM is updated

*.bin = File containing the program library for Clarus Control. This is normally stored on the computer's hard disk and can be written to a memory card. The .bin file has the same size and memory structure as a Clarus Control memory card. Files will be preserved when LPM is updated.

3 Installation

3.1 Installing LPM

Note!

You must have administrator rights to install ELS LPM. Alternatively, you can select to run the installation as administrator under your own login.

Insert the CD-ROM into the CD / DVD reader. If the Installation dialog will not start automatically, select Open folder to view files and double click the Start file. An internet browser will open with following content.



In addition to the LPM installation files, this menu also holds the following information:

- **Read this first** information about the program' version number and system requirements, along with details of new features in the software and machine files.
- User guide in all available languages in PDF format.
- Registration form.
- Link to the LPM website (requires Internet connection).

Select **Installation**. At the question if you want to run or save the file, select Run. If you get a security warning notifying you that the installation file has been issued by a publisher unknown to Microsoft, click Run.

The installation sequence starts.

If you have a previous installation of ELS Wash Program Manager on your computer, you will be prompted to uninstall this before installing ELS LPM.

Click **Yes** to continue uninstall of previous version.

ELS Laundry Program Manager		X	
ELS Laundry Program Manager Versi the existing version before installing Do you want to uninstall the existing	on 5.6 is already installed. You mu ELS Laundry Program Manager Ve version of ELS Laundry Program I Yes	ust uninstall ersion 6.0.0. Manager? No	
	<u>17</u>		
			fig.W00305

When the installation script opens the Welcome to LPM Installation wizard, select options where applicable, and click **Next** on the next few screens to finalize the installation.



INFORMATION ABOUT THIS RELEASE General: This installation package (Version 6.1) contains release Version 6.1 of ELS Laundry Program Manager and latest available machine files. The major news in this release is the extended support for Compass Pro machines. Since we now support tumble dryers with Compass Pro timers, the name of the application has changed from Wash Program Manager to ELS Laundry Program Manager to reflect that expansion. This release also use the new way to distribute ELS Laundry Program Manager, i.e. that both application and machine files are embedded in the same installation file and will always be installed.

License Agreement You must agree with the license proceed.	agreement below to	Thinking of you
ELS LAUNDRY PROGRAM	MANAGER	<u> </u>
END USER LICENCE AGR	EEMENT	
This is a contract between you and E	lectrolux Laundry Systems	E
USE OF SOFTWARE:		
\$1 YOU MAY INSTALL ONE COPY OF THE	SOFTWARE ONTO A HARD DISK	OR ANOTHER
STORAGE DEVICE OP TO THE PERMITTE	D NUMBER OF COMPUTERS.	
\$2 YOU MAY INSTALL ONE COPY OF THE	SOFTWARE ON A SINGLE FILE S	ERVER FOR THE
OTHER STORAGE DEVICE.	TALLING THE SOFTWARE ONTO A	A HARD DISK OR
I acce	pt the license agreement	
🔘 I do no	ot accept the license agreement	

User manual

installation.	g information to personalize your	Electrolux
Full N <u>a</u> me:	Windows User	
<u>O</u> rganization:		
share this compute users. Install this a	er. You must have administrator rights to install application for:	I the settings for all

ELS Laundry Program Manager Setup	
Destination Folder Select a folder where the application will be installed.	
The Wise Installation Wizard will install the files for ELS Laundry Program Manager in the following folder. To install into a different folder, click the Browse button, and select another folder. You can choose not to install ELS Laundry Program Manager by clicking Cancel to exit the Wise Installation Wizard.	
Destination Folder C:\Program Files (x86)\Electrolux\ELS Laundry Program Ma\ Browse	
< Back Next> Cancel	fig.W00310

You will have the opportunity to choose which brands of machine files you want to install.

As default, only machine files for ELS brand will be installed. If you want to install another brand, click the drop down list to extend the installation. Click **Next** to continue.

HELS Laundry Program Manager Setup	X	
Select Features Please select which features you would	d like to install.	
Laundry Program Manager Applic Machine Files ELS Brand Dubix Brand Wascomat Brand ELS LPM Card Reader Driver ELS Compass Pro USB Driver	Feature Description: Installs machine configuration files that enables you to create programs. This feature will be installed on the local hard drive. This feature requires 0KB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 93MB on your hard drive.	
Current location: C:\ProgramData\Laundry Program Manager\Mad Disk Cost Reset	chine Files\ Browse Cancel Cancel	
		fig

Select the language you want to use. Click Next to continue.

ration s used for configuring the installed	Thinking of Electrolux
the language you want to use inside the applicati	on
Select language	
English	
© German	
© French	
© Swedish	
() Japanese	
You can change the language from within the applcatio	on settings later on.

Select the units for temperature, water volume and water level you want to use. Click **Next** to continue.

Installation Configuration	
Set property values used for configuring the installed application.	Thinking of you
Select the default properties you prefer to use inside the ap	plication
Temperature	
Ocelsius (°C)	
🔘 Fahrenheit (°F)	
Water volume	
 Litre 	
🔘 Gallon	
Water level	
Metric (mm)	
🔘 US (Inches)	
(You can also change these settings inside the application	n later on)
K Back	ext > Cancel

Click **Next** to start installation, which will take a few minutes to complete. Once installation is complete, following screen will show:

技	를 ELS Laundry Program Manager Setup			
	Ready to Install the Application Click Next to begin installation.	10	Thinking of you D Electrolux	
	Click the Back button to reenter t Cancel to exit the wizard.	the installation informatio	n or click	
		< Back Next	Cancel	
				fig.W00314

Click Finish to complete the installation of LPM.



Once installed, you can launch the program from the Start menu under All programs – Electrolux – ELS Laundry Program Manager.

|--|

3.2 Installation of USB driver for ELS Compass Pro and ELS Card reader

Note!

You need to have administrator rights to install the drivers.

The driver files are copied to your local hard drive during ELS LPM installation.

When you plug in the ELS LPM Card reader or an ELS Compass Pro machine for the first time, your computer will recognize this and open the "New hardware detected" information window in the task bar. Click on it to start the "Found New Hardware Wizard".

In the "Found New Hardware Wizard", select **NOT** to use Windows Update to search for a driver.

Instead, select "Install the software automatically"

Click Next or Finish on the next few screens, until your driver is installed.

You might have to do the above for each USB port you want to use with LPM.

4 Communication connection

4.1 Compass Control

Disconnect the power to the machine.

- Remove the top panel from the machine.
- Connect the null modem cable to a free serial port on your computer.
- Connect the adapter' cable contact to the null modem cable.



- Connect the adapter' edge connector to program device contact PLOAD (con6) using the cables to the front of the machine.
- Set the adapter switch to the OFF position.
- Connect the power to the machine.



4.2 Compass Pro

Connect one end of the USB cable to a free USB port on your computer and the other end to the USB port on the machine front.



• Alternatively, disconnect the power to the machine, remove the top panel from the machine and connect the other end of the USB cable directly to the Compass Pro CPU. Connect the power to the machine.



Note!

You must install the ELS Compass Pro USB driver before you can start using LPM and communicate with the machine. See section: Installation of USB driver for ELS Compass Pro and ELS Card reader.

4.3 Clarus Control

- · Connect the ELS card reader to a USB port on the PC.
- · Communication between PC and program device takes place via memory card.



Note!

Note! You must install the ELS LPM Card reader driver before you can start using LPM and transfer programs to or from the memory card. See section: Installation of USB driver for ELS Compass Pro and ELS Card reader.

Note!

Always connect ELS LPM Card reader before launching LPM application.

5 User interface General

5.1 Menus and functions

When you start LPM first time, the Machine view pane will be active.

The Luit Settings V	E a le a le						
Machine view	Favorites 1		+ -				
	Available machine types					Edit and	create programs
	A Clarus Control (105 available)	5 1 - 1	D 1				Create a new program
	W584 030H	Electrolux	Kev: 1	2008-04-16 11:22:58	_ × =		Read program from machine
	WSB4 500H	Electrolux	Rev: 1	2008-04-16 11:21:47	¥ 🗌		
	WSB4 350H	Electrolux	Rev: 1	🖬 💿 🔟 2008-04-16 11:20:31	\$		Open program from file
Machine view	WSB4 250H	Electrolux	Rev: 1	🖬 💿 💷 2008-04-16 11:18:38	\$		Open program from database
	WSB3 670H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:18:40	\$		
	WSB3 470H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:17:11	\$		
	WSB3 340H	Electrolux	Rev: 8	🖬 💿 📖 2008-04-16 10:12:47			
Card manager	WSB3 230H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:11:10	\$		
	WPB4-900H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:26:31	\$		
	WPB4-700H	Electrolux	Rev: 6	🖬 🕥 💷 2009-05-04 14:26:05	\$		
	WPB4-1100H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:26:49	*		
	WPB3 890H	Electrolux	Rev: 8	🖬 💿 📖 2008-04-16 10:22:22			
	WPB3 690H	Electrolux	Rev: 8	ڬ 💿 🔟 2008-04-16 10:20:31			
	WPB3 1080H	Electrolux	Rev: 8	🖬 💿 📖 2008-04-16 10:24:12	\$		
	WP4-900H	Electrolux	Rev: 6	ڬ 💿 🔟 2009-05-04 14:27:28	*		
	WP4-700H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:27:09	*		
	WP4-1100H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:27:52	\$		
	WB4180H	Electrolux	Rev: 2	🖬 🕥 💷 2008-12-16 16:59:45	\$		
	All machines 🔶 My favorites 🙆 Connect	ted machines	D 2	M C HI 2000 12 16 16 59.50	~ •		
Connections (2 found)				Scan for connected ma	chines		
			Ĩ				

The different panes are described deeper in respective section of this manual:

- A. **Machine view** shows all machine files that are installed on your computer. Number of available machine files is indicated after each control system. Expand or collapse the lists by clicking the the arrow to the left in each headline.
- B. Card manager shows connected Clarus Control Memory cards and / or virtual cards.
- C. Connections shows all detected communication ports, both ports that are available and ports used by LPM.

5.1.1 Menu bar

The menu bar contains a number of sub-menus: **File**, **Edit**, **Settings**, **Window** and **Help**. The functions featured in the **File** and **Settings** menus are described in their respective sections in this document. The **Edit**, **Window** and **Help** menus contain standard Windows functions and are not covered in this manual.

5.1.1.1 File menu

File menu is used to:

- Create a new program.
- Open a program file for editing.
- Specify print settings (also found under Settings –rint Settings).

5.1.1.2 Settings menu

ELS Laundry Program Manager 6	
File Edit Settings Window Help Machir Application settings prit Print settings Print settings Print settings W4400H W4400H	
	fig.W00321

Application Settings is used to:

- 1. Specify units for temperature, volume and water height.
- 2. Specify LPM settings.
- 3. Specify the default language when transferring programs to Compass Control or Compass Pro.
- 4. Adjust the appearance and behavior of LPM.

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Main settings 🚞	Directories 🕥 Language settings 🔗 Connection settings
Temperature Fahrenheit Celsius Volume unit Litre US Gallon Water height unit mm mich	Settings Show module hints Auto open machine file on WPF/LPF load Warning before close Warning before multiple copy Warning before delete Scan for machine files upon start Write codepage values to card Auto hide navigator in editor mode Auto scan for connected machines on program start Auto scan for connected machines on program start Auto scan for connected devices in the machine type list
	Prefered language for program text English (United States) OK Cancel Apply

5. Change the search path to system files (default search path recommended).

Settings	_ 0 _ X	
Main settings 🔁 Directories 🕥 Language settings 🖉 Connection settings		
Directories		
Default directory for program files (WPF and LPF files)		
C:\Users\user\Documents\My Laundry Programs\		
Default directory for machine files		
C:\ProgramData\Laundry Program Manager\Machine Files\		
OK Can	Apply	
		fig.W00323

6. Select the language for use in LPM application.

Swedish (Sweden) 0410 SVE
Current language English (United States)

7. Specify the maximum baudrate when transferring data between PC and Compass Control or Compass Pro.

ſ	Settings	
	Main settings 🔁 Directories 🕥 Language settings	
	Connection settings	
	Max baudrate settings	
	230400 bps •	
	OK Cance	Apply
		fig.W

Print settings is used to:

- 1. Determine the format of printouts.
- 2. Select the printer to be used.

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Print settings Print options Normal Advanced Advanced options Print extra information Smart printing	
Setup printer	OK Cancel fig.W00326

5.2 Machine view

When you start LPM first time, the Machine view will be active.

Machine view shows all machine files that are installed. Number of available machines files is presented after each type (A).

ELS Laundry Prog	ran Manager 6						
File Edit Settings	Window Help						
Machine view	Favorites: Novorites 1	•	+ -				
	Available machine opes				_	Edit and	create programs
-9	✓ I v Clarus Control (165 available)	i i i i i i i i i i i i i i i i i i i	1	() 	• "	۵	Create a new program
	WSB4 650H	Electrolux	Rev: 1	₩ () ₩ 2008-04-16 11:22:58	- ²² =		Read program from machine
	WSB4 500H	Electrolux	Rev: 1	₩ 💿 🔟 2008-04-16 11:21:47	\$		read program non machine
	WSB4 350H	Electrolux	Rev: 1	🖬 💿 💷 2008-04-16 11:20:31	会	<u> </u>	Open program from file
Machine view	WSB4 250H	Electrolux	Rev: 1	🖬 💮 🔠 2008-04-16 11:18:38	黨	29	Open program from database
	WSB3 670H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:18:40	*	_	
07	WSB3 470H	Electrolux	Rev: 8	🔟 💿 💷 2008-04-16 10:17:11	\$		
	WSB3 340H	Electrolux	Rev: 8	🖬 💿 🔠 2008-04-16 10:12:47	\$		
Card manager	WSB3 230H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:11:10	*		
	WP84-900H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:26:31	*		
	WPB4-700H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:26:05	*		
	WP84-1100H	Electrolux	Rev: 6	🖬 💿 📖 2009-05-04 14:26:49	*		
	WPB3 890H	Electrolux	Rev: 8	🖬 💿 💷 2008-04-16 10:22:22	*		
	WPB3 690H	Electrolux	Rev: 8	🔟 💿 📖 2008-04-16 10:20:31	*		
	WPB3 1080H	Electrolux	Revt 8	🖬 💿 📖 2008-04-16 10:24:12	\$		
	WP4-900H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:27:28	*		
	WP4-700H	Electrolux	Rev: 6	🔟 💿 💷 2009-05-04 14:27:09	*		
	WP4-1100H	Electrolux	Rev: 6	🖬 💿 💷 2009-05-04 14:27:52	耸		
	WB4180H	Electrolux	Revt 2	🔟 💿 💷 2008-12-16 16:59:45	\$		
	All machines 🙀 My favorites 🔘 Conner	cted machines	02	M () 111 2008 12 16 16 40 40			
Connections (2 found)				Scan for connected ma	chines		
(B)							

When tab **All machines** (B) or **My favorites** (C) is selected, you can toggle the list of machine files to be expanded or collapsed individually for Clarus Control, Compass Control and Compass Pro by clicking the arrow to the left in the Control system headline (D).



Depending on if you have selected a machine file or not, if you have selected a machine file for a Clarus Control, Compass Control or Compass Pro, and if the machine is connected or disconnected, different options appear in this view.

No selected machine

ELS Laundry Pri	ogram Manager 6	ine collect	-	144			
File Edit Setting	s Window Help						
Machine view	Favorites: Favorites 1	• +	-				
	Available machine types			P		Edit and	d create programs
	Clarus Control (153 available)				40 A		Create a new program
	EX618 Compass	Wascomat	Rev: 5		\$		Read program from machine
Ó	EX625 Compass	Wascomat	Rev: 4	🖬 💮 💷 2011-01-17 08:34:09	\$	<u>2</u>	Open program from file
Hardstein state	EX630 Compass	Wascomat	Rev: 4	🖬 💮 💷 2011-01-17 08:34:36	\$		
Hachine view	EX645 Compass	Wascomat	Rev: 4	🖬 🕥 💷 2011-01-17 08:35:36	ŵ		Open program from database
00	EX660 Compass	Wascomat	Rev: 4	🖬 💮 💷 2011-01-17 08:36:48	☆		
	EX677 Compass	Wascomat	Rev: 4	🖬 💮 🔠 2011-01-17 08:38:16	会		
Card manager	EXSM 665 Compass	Wascomat	Rev: 1	🖬 💿 💷 2011-01-17 09:37:50	畲		
	EXSM680 Compass	Wascomat	Rev: 1	🖬 🕥 💷 2011-01-17 09:38:14	\$		
	SU620 Compass	Wascomat	Rev: 2	🔟 💿 🕕 2011-01-17 09:23:28	\$		
	SU620 Compass	Wascomat	Rev: 4	🖬 🗇 🖽 2011-01-17 08:39:42	*		
	SU625 Compass	Wascomat	Rev: 4	🖬 🔘 💷 2011-01-17 08:40:04	*		
	SU625 Compass	Wascomat	Rev: 2	🖬 💿 💷 2011-01-17 09:23:56	\$		
	SU630 Compass	Wascomat	Rev: 2	🖬 💮 💷 2011-01-17 09:24:30	☆		
	SU630 Compass	Wascomat	Rev: 4	🖬 💮 💷 2011-01-17 08:40:24	会		
	SU640 Compass	Wascomat	Rev: 5	🖬 💮 💷 2011-01-17 09:51:06	畲		
	SU645 Compass	Wascomat	Rev: 2	🖬 🕥 💷 2011-01-17 09:26:28	*		
	SU655 Compass	Wascomat	Rev: 4	🖬 💮 💷 2011-01-17 09:51:48	☆		
	SU562 Compass	Wascomat	Rev: 2	🖬 💮 🔠 2011-01-17 09:27:52	ģ •		
Connections (2 found)	Alimachines 🙀 My revontes 🔾 Connec	teo macrines		Scan for connected ma	chines		
(II)							

Clarus Control machine selected

ELS Laundry Progra	im Manager 6		_		_		
File Edit Settings	Vindow Help						
Machine view	Favorites: Favorites 1	•][•	-]			
•	Available machine types WB3130H	Electrolux	Rev: 7	☑ ○ □ 2008-04-16 10:26:39	× ×	Edit and create programs Create a new program	
	W4855	Electrolux	Rev: 0	₩ · · · · · · · · · · · · · · · · · · ·	- <u>-</u>	Read program from card	
2	W485M	Electrolux	Rev: 4	■ () () 2008-12-16 11:14:00	×		
9	W4850H	Electrolux	Revt 2	2008-12-16 11:46:24	* -	Open program from file	
Machine view	W475S	Electrolux	Rev: 0	₩ ③ Ⅲ 2009-03-18 11:31:21	*	Open program from database	
	W475H	Electrolux	Rev: 4	₩ · U 2008-12-16 11:20:32	- *		
	W465H	Electrolux	Revt 4	U 🛈 💷 2008-12-16 11:19:43	*		
Card manager	W4600X	Electrolux	Revt 2	U O U 2008-12-16 11:56:05	富		
	W4500H	Electrolux	Rev: 2	₩ ③ Ⅲ 2008-12-16 11:45:35	*		
	W4400H WM	Electrolux	Rev: 2	🖬 💮 💷 2008-12-16 16:29:46	會		
	W4400H	Electrolux	Rev: 4	₩ · U 2008-12-16 11:44:51	*		
	W4350X	Electrolux	Revt 2	🖬 💿 💷 2008-12-16 11:55:11	\$		
	W4330S	Electrolux	Rev: 0	🖬 💿 💷 2009-03-18 11:49:39	會		
	W4330M	Electrolux	Rev: 4	🔟 💮 💷 2008-12-16 11:18:32	會		
	W4300H WM	Electrolux	Revt 2	🔟 💿 💷 2008-12-16 16:29:10	會		
	W4300H	Electrolux	Revt 4	🖬 💿 💷 2008-12-16 11:37:32	☆		
	W4280X	Electrolux	Rev: 2	🖬 💮 📖 2008-12-16 11:54:27	會		
	W42505	Electrolux	Rev: 0	🖬 💮 📖 2009-03-18 11:48:02	會		
	W4250M	Electrolux	Rev: 4	🖬 💮 📖 2008-12-16 13:44:08	會		
Connections	W4240H WM	Connected machines	Res 2	M (in 101 2008-12-16 16-28-32			
(2 found)				Scan for connected ma	chines	J	
I.			1				
							fig.W00330

Compass Pro or Compass Control selected but not connected



Compass Pro or Compass Control selected and connected



5.2.1 Edit and create programs for Clarus Control

Edit	and create programs	
	Create a new program	
	Read program from card]
	Gpen program from file]
ę	Open program from database]
		fig.W00333

Create new program: Opens the Program editor pane with an empty program for the selected machine model.

Read program from card: (only if there is a valid Clarus Control memory card selected. See section: Card manager). Opens the **Read program from card** dialog to select a program from the card reader. If you have more than one card reader connected, e.g. ELS USB Card reader and a virtual reader, you will have to select which reader you want to read from.

Open program from file: Opens the **Load program** dialog to select a previously saved "*.lpf"-file and open it in **Program editor**. As the "lpf"-file is tagged with the machine model, it will open the correct machine file automatically.

Note!

This function will also handle the previously used "*.wpf" file extension. See section: File types.

If a machine file is selected, following options are also available.

Open program from database: Opens the **Open database program** dialog to select a program from **Sequence database** to be opened in **Program editor**. See section: Sequence database / Database manager

5.2.2 Edit and create programs for Compass Pro or Compass Control

Edit and	l create programs	
	Create a new program	
	Read program from machine	
	Open program from file	
	Open program from database	
		fig.W00334

Create new program: Opens the **Program editor** pane with an empty program for the selected machine model. **Read program from machine**: (only if there is a Compass Pro or Compass Control machine connected). Opens the **Read program from machine** dialog and lets you select a program from the machine to be opened in **Program editor**.

Open program from file: Opens the **Load program** dialog to select a previously saved "*.lpf"-file and open it in **Program editor**. As the "lpf"-file is tagged with the machine model, it will open the correct machine file automatically.

Note!

This function will also handle the previously used "*.wpf" file extension. See section: File types.

If a machine file is selected, following options are also available.

Open program from database: Opens the **Open database program** dialog to select a program from **Sequence database** to be opened in **Program editor**. See section: Sequence database / Database manager

5.2.3 Manage programs on a machine for Compass Pro or Compass Control

Manage	programs on a machine	
P3	Save program to file	
	Download programs and create a library	
	Upload programs from a library	
	Manage active programs on machine	
	Erase programs on machine	
		fig.W00335

If you have a Compass Control or a Compass Pro machine connected, you will have additional options under **Mange programs on a machine**.

Save program to file: Opens the **Read program from machine** dialog and lets you select a program from the machine and save it as a "*.lpf" – file on your hard drive. The "*.lpf"-file is tagged with the machine model to prevent from being uploaded to wrong type of machine. See section: File types.

Download programs and create library: Opens the **Download programs to library** dialog and lets you select a number of user programs to be written to a program library and then saved as a ".wpl"-file on your hard drive. See file extensions.

This can be very useful if you want to upload a number of programs to several machines of the same model. This way you only need to create and upload the programs individually to one single machine, and create the library from that one. The ".wpl"-file is tagged with the model to prevent from being uploaded to wrong type of machine. See section: File types.

Upload programs from a library: Opens the **Select library** dialog to select an previously saved ".wpl"-file to upload to a machine.

Manage active programs on a machine: Opens the Read program from machine dialog and lets you select a program from the machine to be opened in **Program editor**.

Delete programs on machine: Opens the **Delete program from machine** dialog and lets you select one or several programs from the machine to be erased from machine memory.

5.2.4 Managing Favorite lists

Depending on your selection during installation, the Machine file list can contain more than 200 files. Therefore, it can be wise to create one or several Favorite lists.

Use the "+" button (A) to open the dialog Create a new favorite list. Enter a name and click OK.



Create a new favorite setup	×
Please enter a name for the new favorite setup	Favorites 1
	OK Cancel
	fig.W00337

The machine list showing all machines will open.

Add machines to the new favorite list by clicking the star symbol (A) after the machine name.

The star symbol turns yellow to indicate that the machine is in present favorite list.

You can also right click a machine file and select **Add to My favorites**.

ile Edit Settings Wi	ndow Help						
Machine view	Favorites 1	•]	+	-			
	Available machine types				\	Edit and	create programs
	WPB4-1100H	Electrolux	Rev: 6	🖬 💿 🔟 2009-05-04 14:26:49	1 - 😫		Create a new program
	WPB3 890H	Electrolux	Rev: 8	🖬 💿 🔟 2008-04-16 10:22:22	2		
	WPB3 690H	Electrolux	Rev: 8	🖬 🕥 💷 2008-04-16 10:20:31	☆		Read program from card
	WPB3 1080H	Electrolux	Rev: 8	🖬 🕥 💷 2008-04-16 10:24:12	\$	6	Open program from file
Machine view	WP4-900H	Electrolux	Rev: 6	🖬 💮 🔟 2009-05-04 14:27:28	*		Open program from database
	WP4-700H	Electrolux	Rev: 6	🖬 💿 🔟 2009-05-04 14:27:09	*		
ØP	WP4-1100H	Electrolux	Rev: 6	🖬 🕥 💷 2009-05-04 14:27:52	☆		
Card manager	WB4180H	Electrolux	Rev: 2	🖬 🕥 💷 2008-12-16 16:59:45	☆		
Card manager	WB4130H	Electrolux	Rev: 3	🖬 🕥 💷 2008-12-16 16:58:58	☆		
	WB3130H	Electrolux	Rev: 7	🖬 🕥 💷 2008-04-16 10:26:39	會		
	W485S	Electrolux	Rev: 0	🖬 🕥 💷 2009-03-18 11:31:38	會		
	W485M	Electrolux	Rev: 4	🖬 🕥 🔟 2008-12-16 11:14:00	會		
	W4850H	Electrolux	Rev: 2	🖬 💮 🔟 2008-12-16 11:46:24	*		
	W475S	Electrolux	Rev: 0	🖬 🕥 🔟 2009-03-18 11:31:21	☆		
	W475H	Electrolux	Rev: 4	🖬 💿 🔟 2008-12-16 11:20:32	*		
	W465H	Electrolux	Rev: 4	🖬 🕥 💷 2008-12-16 11:19:43	會		
	W4600X	Electrolux	Rev: 2	🖬 🕥 🔟 2008-12-16 11:56:05	會		
	W4600H	Electrolux	Rev: 2	🖬 🕥 🔟 2008-12-16 11:45:35	*		
	W4400H	Electrolux	Rev: 4	🖬 🕥 🔟 2008-12-16 11:44:51	*		
	All machines 😭 My favorites	O Connected machines		MOULTONAL			
Connections (1 found)				Scan for connected ma	chines		

By selecting **"My favorites**" tab below the list, only machines that you have marked as favorites will be visible in this view. You can at anytime select the **"All machines"** tab to view all machines again.

Repeat the above steps to create another favorite list.

Clicking the "-" button (A) will delete the presently selected favorite list.

ELS Laundry Progra	m Manager 6				14.71		Program with	
File Edit Settings W	Empiritori							
Hachine view	Available mechine brane						edia and a	
	Available machine types					▲ ¹³ ▲		Careta a new annual
	WPB4-1100H	Electrolux	Rev: 6		2009-05-04 14:26:49			Create a new program
	WP4-900H	Electrolux	Rev: 6		2009-05-04 14:27:28	- 2		Read program from card
Ö	WP4-700H	Electrolux	Rev: 6	⊎⊚⊎	2009-05-04 14:27:09	= 🍒 🛛		Open program from file
	W4850H	Electrolux	Rev: 2	U () U	2008-12-16 11:46:24			
Flacinite view	W475H	Electrolux	Rev: 4	U OU	2008-12-16 11:20:32	*		Open program from database
60	W4600H	Electrolux	Rev: 2	U () U	2008-12-16 11:45:35			
	W4400H	Electrolux	Rev: 4	⊎⊚⊎	2008-12-16 11:44:51	- -		
Card manager	Compass Control							
	D Compass Pro							
Connections (1 found)	All machines 🙀 My favorites 🔘 Cor	nnected machines		<u>w</u>	Scan for connected m	achines		

5.2.5 Scanning for connected machines

Note!

Only machines with Compass Control or Compass Pro can be scanned.

In order to read or write program to a Compass Control or a Compass Pro machine, you must establish a communication between the machine and your computer. Once you have connected the proper cable setup, you must scan for connected machines. Click the button **Scan for connected machines**. (Also available in **Connections** pane).

Alternatively, you can tick the box **Auto scan for machines on program start** in the **Settings** dropdown menu to automatically scan for connected machines when LPM is started.

The scan will take a few seconds and a pop-up will indicate scan completed and number of machines found.



If the scan succeeded to find a connected machine, it will be indicated by a green "circle" icon in front of the machine name.

Selecting the tab Connected machines (A) will hide non connected machines, and show only connected.

ELS Laundry Progra	am Manager 6				-		-		- 0 - X
File Edit Settings \	Window Help	100 (BOL 75)					-	100 million (1995)	
Machine view	Favorites: Favorites 1		• •	-					
	Available machine types						Edit and	create programs	
	▲ Compass Co	ntrol (1 available)		_	1	♦⁸ ^		Create a new pr	ooram
	O W475N	[COM8:0] Electro	ux Rev: 2	U O U	2011-01-17 08:16:16			oreate a new pr	ogram
	▲ Compass Provide A Compas	o (1 available)				\$8		Read program fr	om card
N	O T5290	[USB12:0] Electro	ux Rev: 0	UOU	2012-05-25 10:22:48			Open program fr	om filo
								open program m	on ne
lachine view							-	Open program from	database
BP									
Card manager									
						-			
	🙀 All machines 🙀 My	favorites 🔘 Connected machi	nes						
(2 found)		\backslash		2	Scan for connected	machines			
							l,		
		\							
			4						

In case there is no machine file available or the connected machine is not supported by LPM, a red stop symbol will be shown in front of the connected machine name.

If the red stop symbol is shown together with information **No machine file found**, make sure you have installed the machine files for the connected brand of machine. See section: Installing LPM. Alternatively, visit ELS website to download latest version of LPM with updated machine files.

User manual

	indon ricip							
Machine view	Favorites: Favorites 1	•	+ -]				
	Available machine types						Edit and	create programs
<u>N</u> 01	Clarus Control (7 available)					\$≅ ^		Create a new program
	▷ Ener© ▲ Compass Control (6 available)					\$ [⊡]		
	▲ Image A Compass Pro (5 available)					\$ [⊡]		Read program from machine
i i i	T5130	Electrolux	Rev: 0	U 🕜 U	2012-05-29 15:08:12	*	1	Open program from file
	T5550	Electrolux	Rev: 0	ພ 🕜 ພ	2012-05-25 09:25:14	*		
Machine view	T5675	Electrolux	Rev: 0	U 🕢 U	2012-05-25 09:26:21	*	-	Open program from database
10	W555H	Electrolux	Rev: 0	U ()	2012-05-25 10:21:10	*		
	75290 < No machine file found> [USB12:0]	Electrolux				\$		
						*		
Connections	😧 All machines 👷 My favorites 💽 Connected	machines				*		

5.3 Card manager

Depending on if you have a valid memory card or **Virtual reader** connected, and if it is selected or not, different options appears in this view.

Card manager with no reader selected

ELS Laundry Prog	am Manager 6		
File Edit Settings	Window Help		
Card manager			
	Available card readers	Edit and create programs	
	Virtual Reader ()	Create a new program	
	O Electrolux ELS WPM Card Reader 0 Free card space: 100 % Programs: 0	Read program from card	
		Manual encount on a cont	
		Save all programs to BIN-file	
Machine view		2 Wide und form 2016	
100		white calls not now the	
		2 Delete program on card	
Card manager		Manage card	
		Copy card 📮 Format card	
		Manage card locks	
		🔒 Lock 💣 Unlock 🃋 Hardlock	
Connections	The sector	l	
(2 found)	O Connected		
E-		l.	
			fig.W00343

Card manager with ELS USB Card reader selected

	ELS Laundry Program Manager 6		
	e Edit Settings Window Help		
	Card manager		
	iard manager	d gave 35 % Program 2 d gave 35 % Program 2 d gave 36 % Program 2	
l			
			fig.W00344

Card manager with Virtual reader selected

5 ELS Laundry Pr	igram Manager 6		
File Edit Setting	s Window Help		
Card manage			
	Available card readers	Edit and create programs	
	O Virtual Reader (Laundry W4240H.bin) Free card space: 20 % Programs: 24	Create a new program	
	Electrolux ELS WPM Card Reader 0 Free card spaces 100 % Programs: 0		
Card manager		Read program on a card Manage program on a card Manage card Delete program on card Manage card Copy card Fermit card	
Constctors I found	Council of		
		fig.V	/00345

The **Card manager** allows you to perform the below operations, regardless if you are using a Clarus Control memory card in an Electrolux USB card reader, or a virtual card in a Virtual reader. (*.bin file from your hard drive).

E	dit and create programs	
	Create a new program	
	Read program from card	
h	Aanage programs on a card	
	Save all programs to BIN-file	
	🚰 Write card from BIN file	
[Delete program on card	
		fig.W00346

Create a new program: Opens the **Select machine type** window to select a Clarus Control machine file and open it in **Program editor**.

When a Virtual card reader or a Clarus Control Memory card reader is selected, additional options are available.

Read program from card: Opens the **Read program from card** dialog and lets you select a program from the memory card or virtual card to be opened in **Program editor**.

Save all programs to BIN-file: Opens the Save card to BIN-file dialog to save the content of a Clarus Memory card into a *.bin-file that can be stored on your hard drive for later use or to send the content of a memory card as an email attachment. The *.bin-file can also be opened in the virtual card reader.

Write card from BIN-file: Opens the Write card from BIN-file dialog to write a *.bin-file that is stored on your hard drive, onto a Clarus Memory card. Note! This operation will overwrite the existing data on the memory card.

Delete program from card: Opens the **Delete program from card** dialog to delete a program from a Clarus Memory card or from a Virtual card.

Copy card	nat card
Manage virtual card	Hardlock
Select	Dismount

Copy card: Lets you copy the content from one Clarus memory card to another. See section: Copy a memory card. **Format card:** This operation restores the Memory card to an empty formatted card.

Note!

This operation will remove all existing programs on the memory card.

Lock, Unlock and Hardlock: You can lock a memory card from being copied or edited. A locked card can be unlocked by clicking **Unlock**. A hardlocked card can not be unlocked.

Select, New and Dismount: These functions are used only by Virtual reader, to select an existing, to create a new, and to dismount a virtual card. Virtual card reader uses *.bin files as the memory card.

You can perform all actions on a virtual card the same way as on a physical memory card

If you have more than one card reader connected, e.g. ELS USB Card reader and a virtual reader, you will have to select which reader you want to use.

Note!

Programs on Clarus Memory card are not tagged with machine model. This means that a program can be opened using wrong machine file. However, LPM limits values that exceed the minimum or maximum allowed in the selected machine file.

Hint! Make a note in each program for which machine model it is intended. Preferably this can be done in the Program free text section. See section: Creating a new program.

5.4 Connections

Connections pane shows information on USB and COM ports (A) as well as connected machines (B).



Scan for connected machines: Starts scanning sequence for connected machines on the available ports. This function is also available in Machine view.

Refresh port list: This function will refresh the list of available ports. Ports that have been removed (see below) will be added again.

Remove port from list: Will remove the selected port from the Connections pane.

Stop scan: This will stop an ongoing scan sequence

Clear scan log: This will clear the logged information from the last scanning sequence.

The Ports list shows information about the available ports on your computer, such as port number, description (from driver), present scan range for machine addresses and port enabled or disabled.

As default all found ports are enabled and Scan range setting is "0", which means connection to an individual machine. The address in the machine is then ignored. Connection can always be established with this setting.

You can disable a port by clicking the **Disabled** (A) field for the port, if you do not want it to be scanned.

It is recommended to disable a port if you know that it will never be used for LPM communication, e.g. ports used for modems, bluetooth or other wireless devices.

Click in the **Enabled** (B) field for a port to enable it again.

If you have machines connected in an ELS Network, you can change the scan range to include several addresses. State individual addresses separated by comma, (1,5,7) or an interval (1-127).

If you change the scan range setting or disable a port, these settings will be kept for next start of LPM.


6 Creating or editing program

6.1 Creating a new program

- 1. Start in the Machine view, by selecting the machine you want to build the new program for.
- 2. Click Create a new program.

							-
ELS Laundry Progr	am Manager 6			Sine Lines			1
File Edit Settings	Window Help						
Machine view	Favorites: Meine Favoriten 1	• + -					
	Available machine types					Edit and create programs	1
-9	Clarus Control (154 available)					Create a new program	
	Compass Control (76 available)				_0	ER Dani annun fam maties	
	W745	Wascomat	Rev: 0	₩ · U 2012-09-21 13:51:43	4		
<u> </u>	EXSM065	Wascomat	Rev: 0	M () 111 2012-09-21 14:56/36	- 	Open program from file	•
Machine view	EVENTED	Warrowst	Rev 0	M (a) 111 2012-09-21 1522-05	- 31	0. Onen program from database	1
	Autor	Platete	Dev. 0		~	-	
00	nucces	Electrolux	rvev: 1	0 0 0 2012-10-19 10:39:13			1
	HOREW	Electrolux	Kev: 0	2012-10-19 10:59:50			
Card manager	W575H	Electrolux	Rev: 0		- *		
	W5855	Electrolux	Rev: 0		2		1
	W745	Wascomat	Rev: 0		室		
	W5105H	Electrolus	Rev: 0	🖬 💿 🔟 2012-10-19 12:08:53	*		
	W5105N	Electrolux	Rev: 0	🔟 💿 📖 2012-10-19 12:09:29	*		
	W5130H	Electrolux	Rev: 0	🖬 💿 💷 2012-10-19 12:10:00	*		
	W5130N	Electrolux	Rev: 0	🖬 🕥 💷 2012-10-19 12:24:25	会		
	W51305	Electrolux	Rev: 0	🖬 💿 📖 2012-10-19 12:36:30	\$		
	W5180H	Electrolux	Rev: 0	🖬 💿 🔠 2012-10-19 12:37:01	*		
	W5180N	Electrolux	Rev: 0	🖬 🕢 📖 2012-10-19 13:09:36	\$		
	W5240H	Electrolux	Rev: 0	🖬 💮 🔟 2012-10-19 13:10:13	*		
	W5280X	Electrolux	Rev: 0	🖬 💿 🔠 2012-10-19 13:11:11	÷.		
Connections	All machines 🚖 My favorites 🔘 Connected machines	5					
(1 found)				Scan for connected m	achines		
I •							
							-

- 3. A new empty program will open and be displayed in **My program** pane in **Program editor**.
- 4. Add and edit program modules. See section: Program editor.
- 5. Click the Change name/Free text button (A) to open the dialog.



6. Give your program a new name and add some additional text if needed. When you are creating programs for Clarus control, the **Free text** field can be used to state machine model for which the program is made.

Program name (max 15 letters) NORMAL 85	Language selection Language
Program free text (max 149 letters on 5 lines)	English (United States)
NORMAL 85 WITH 3 RINSES MACHINE: W4240H	Codepage 1252 In order for the machine display to show characters correct you need to make sure that the language selected above is the same as the language your Clarus Control was designed for.
	OK Cancel
	fig.W00353

6.2 Editing an existing program

6.2.1 From an .lpf or .wpf file

An .lpf file is saved to your hard disk and always contains a single program. The file is opened automatically using the machine file it was saved with, but it can be converted to a different machine. See section: Converting an *.lpf or *. wpf file to a different machine.

The .wpf format, previously used by Wash Program Manager can also be handled by LPM.

1. Open the File menu and select Open or click the Open program from file button in the Machine view toolbar.

E	ELS Laundry Program Man	hager 6
	File Edit Settings Window	v Help
	New	tes: E
	🚰 Open	
	😬 Open from database	ible mai
	💕 Open recent file 🔹 🕨	▶ W4400I
	Save	W4600I
	Save to database	
	Close all	W4600;
	🕘 Print	W465H
	Print settings	W475H
	Exit F10	
-		fig.W003
Edit and	create programs	
	Create a new progr	ram
	Read program from	card

Open program from file Open program from database	Read program from card	J	
Open program from database	Open program from file]	
	Open program from database]	

2. Highlight the program file you want to edit and click **Open**.

Note that you need to select which type of file you want to open (*.lpf or *.wpf) from the file type drop down menu, or select Any files to view all types (A).

Load program					×	
User I	 My Documents My Laundry Programs 		_	← ← Search	My Laundry Programs	P
Organize 👻 New fo	older				8= • 🗖 🙆	
Favorites	Name	Date modified	Туре	Size		
Cesktop	Na 40° SYNTH.wpf	2012-06-07 04:43	Laundry Program	1 KB		
Downloads	5 60° NORMAL W4180H.lpf	2012-06-07 02:34	Laundry Program	1 KB		
S Recent Places	So NORMAL W4240H.lpf	2012-06-07 02:30	Laundry Program	1 KB		
	S5° NORMAL.wpf	2012-06-07 04:41	Laundry Program	1 KB		
Cibraries	90" NORMAL.wpf	2012-06-07 04:42	Laundry Program	1 KB		
Documents	test.bin	2012-04-27 15:35	BIN File	8 KB		
J Music	=					
E Pictures						
Videos						
1 Computer						
🚢 Local Disk (C:)						
🔮 DVD/CD-RW Driv						
📬 Network	-					\checkmark
Fil	e name: 85° NORMAL W4240H.lpf			✓ Any files	: (*.*)	
				Oper	Cancel	
<u></u>						

- 3. The program will open and be displayed in My program pane in Program editor.
- 4. Add and edit program modules. See section: Program editor.



6.2.2 From a memory card (only Clarus Control)

1. Go to the **Card manager** and select the card reader you want to read from. (Electrolux ELS Card reader or Virtual reader).

2. Click Read program from card in the toolbar or double click the Card Reader.

ELS Laundry Progra	n Manager 6			
File Edit Settings V	indow Help			
Card manager				
Card manager	Available card readers Virtual Reader () Electrolux ELS WPM Card Reader ()	Free card space 98 % Programs: 2	Edit and create programs Create a new program Read program from card Manage programs on a card Manage card Copy card Manage card Manage card Copy card Manage card Manage card Copy card Manage card Man	
Connections	Connected			
				fig.W00357

As programs on a memory card does not contain information about what machine type it was originally made for, you must select the proper model from the Select machine type window.

3. In the Select machine type window, double click on correct machine type, or select and click OK.

Select machine type				-		
Available machine types						
Clarus Control					^	OK
EXSM230	Electrolux	Rev: 5	U 💮 U	2008-12-16 11:49:13	😭 ≡	Cancel
EXSM350	Electrolux	Rev: 5	U	2008-12-16 11:50:03	☆ -	
FAG 3105N	Electrolux	Rev: 7	⊎⊙⊎	2008-12-16 13:46:10	\$	
FAG 3130N	Electrolux	Rev: 7	U	2008-12-16 13:50:43	\$	
FAG 3180N	Electrolux	Rev: 7	⊎⊙⊎	2008-12-16 13:51:22	\$	
FAG 3250N	Electrolux	Rev: 7	⊎⊙⊎	2008-12-16 13:51:59	\$	
FAG 3330N	Electrolux	Rev: 7	U	2008-12-16 13:52:57	\$	
FAS 3105H	Electrolux	Rev: 8	U	2008-12-16 13:53:37	黛	
FAS 3130H	Electrolux	Rev: 8	U	2008-12-16 13:54:22	黛	
FAS 3180H	Electrolux	Rev: 9	⊌⊚⊎	2008-12-16 13:55:11	會	
FAS 3240H	Electrolux	Rev: 9	⊌⊚⊎	2008-12-16 13:55:47	會	
FAS 3300H	Electrolux	Rev: 5	U () U	2008-12-16 13:57:03	會	
FAS-FASA-3-1080	Electrolux	Rev: 8	⊌⊚⊎	2008-04-16 11:17:15	會	
FAS-FASA-3-230	Electrolux	Rev: 8	⊎⊚⊎	2008-04-16 11:11:30	會	
FAS-FASA-3-340	Electrolux	Rev: 8	⊌⊚⊎	2008-04-16 11:12:40	會	
FAS-FASA-3-470	Electrolux	Rev: 8	U () U	2008-04-16 11:13:44	\$ -	
🙀 All machines 🙀 My favorites						

4. A list will now appear showing the programs available on the memory card.

5. Select the program to be edited and click **Read**.

0	Electrolux ELS V	WPM Card Rea	der 0		
Number	Name	Format	Size	Checksum	-
001	WOOL PULLOVER	Normal	250	0D4Ah	
002	WOOL GARMENT	Normal	249	0D41h	
003	WOOL COAT	Normal	246	0C70h	Ξ
004	SILK-VISCOSE	Normal	249	0D4Fh	
005	RAINCOAT	Normal	245	0C66h	
006	WEDDING DRESS	Normal	268	0D51h	
007	DUVET	Normal	242	0C7Ah	
008	WOOL BLANKET	Normal	249	0D81h	
009	SYNTHETIC FUR	Normal	250	0D37h	
010	CURTAINS	Normal	245	0D49h	
011	SKIING WEAR	Normal	261	0E92h	
012	DELICATE SILK	Normal	248	0CD0h	
021	1/2WOOLPULLOVER	Normal	264	0C3Eh	7
Number	008			Delete	
Name	WOOL BLANKET				
Free text	WOOLMARK W4240H 120207 REV 00			Cancel	d

- 6. The selected program will open and be displayed in **My program** pane in **Program editor**.
- 7. Add and edit program modules. See section: Program editor.

ELS Laundry Program	Manager 6 - [W4240H/WOOL BL	ANKET]	Them (Controlling)	
File Edit Program Se	ttings Window Help			
Program editor	Save program to file	Write program to card		× Close
	Sequence database	WOOL BLANKET		My program
-0	🗍 Database manager 🗐 🖉	Revert to default value Solution Undo change		🥥 Add 🗸 📋 🖄 🛃 🧘
	▼ OEfault data	🥪 0 - Head		WOOL BLANKET
	III Prewash	Start Extraction	C Off	E Mainwash
ä	Mainwash	Buzzer at Program end	🔽 On	Mainwash
	🕨 📋 Rinse	Motor Gentle Action On Time	00:05	🕨 🛃 Drain
Machine view	Rinse Repeat	Motor Gentle Action Off Time	00:25	🕨 📋 Rinse
	► U Soak	Motor Normal Action On Time	00:00	Drain Hill Pince
10	► Let Drain	Motor Normal Action Off Time	00:00	► Log Drain
19	O Spin	□1 - Mainwash(1)		▶ ⑧ Spin
	🗾 End	Pause Before Wash	C Off	😴 End
Card manager	VOOL BLANKET	Wash Time In Min:Sec	01:00	
	Head	Temperature	31°C	
6===	Mainwash	Temperature Hystereses	2°C	
	🕨 🛃 Drain	Max Temp. Increase per min	10°C	
Program editor	🕨 📋 Rinse	First Fill Level (Scale Units)	117	
	Drain	First Fill Level (Litre)	114	
	Kinse Kinse	First Fill Level (mm)	322	
	O Spin	Second Fill Level (Scale Units)	117	
	🗾 End	Second Fill Level (Litre)	114	
		Second Fill Level (mm)	322	
		Level Hystereses (Scale Units)	20	
		Cold Water	💟 On	
		Hot Water	🔽 On	
,	Converse information	Cold Hard Water	C Off	Current Danamar (D40 Datasa)
	Name -	Water 1 Tank	C Off	Current Program (249 Bytes)
Connections	Size -	Water 2 Tank	C Off	20%
(1 found)	Default data	Worker 2 Tank	P 0#	WOOL BLANKET
34	Default data	WOOD DLAIRE I		WOOL BLANKEP
2°				

6.2.3 From a .bin file (only Clarus Control)

There are two ways to open a program from a .bin file:

- Write the .bin file to a memory card and then open the program.
- Open the .bin file using a virtual reader.

6.2.3.1 Write the .bin file to a memory card

- 1. Go to the Card manager and select the Memory card reader you want to read from.
- 2. Click Write card from bin file in the toolbar.



3. In the **Load program** window, double click on correct *.bin file, or select and click **Open**.

4. Once the *.bin file is written to the memory card, follow steps in: From a memory card.

, user ,	wy bocanicitis V wy caunary riograms			• • • • • • • • • • • • • • • • • • • •	
Organize 🔻 New fold	ler				ie 🕶 🛄 🔞
🖌 Favorites	Name	Date modified	Туре	Size	
📃 Desktop	🐴 40° SYNTH.wpf	2012-06-07 04:43	Laundry Program	1 KB	
🚺 Downloads	NORMAL W4180H.lpf	2012-06-07 02:34	Laundry Program	1 KB	
Recent Places	85° NORMAL W4240H.lpf	2012-06-07 02:30	Laundry Program	1 KB	
	NORMAL.wpf	2012-06-07 04:41	Laundry Program	1 KB	
词 Libraries	1 90° NORMAL.wpf	2012-06-07 04:42	Laundry Program	1 KB	
Documents Music Uideos Uideos Computer Computer Local Disk (C:) DVD/CD-RW Driv	test.bin	2012-04-27 15:35	BIN File.	8 KB	
Filer	name: W4180Hbin .			Any f	iles (*.*) pen Cancel

6.2.3.2 Open the .bin file in virtual card reader

1. Go to the Card manager and select Virtual reader (A). Click Select to open the Select virtual card dialog (B).

File Edit Settings Window Help		
File Edit Settings Window Help Card manager Available card readers Virtual Reader (Laundry W4240H.bin) Card manager Card manager	Free card space: 20 % Programs: 24	Edit and create programs Create a new program Read program from card Manage programs on a card Save all programs to BIN-File Write card from BIN File Delete program on card Manage card Copy card Format card Manage card Lock Select New Dismount B

Select the *.bin file you want to use as Virtual card, and click "Open". If you already have a *.bin file connected to your Virtual card reader, it will be dismounted and the selected *.bin file will be connected instead.
 Once the *.bin file is visible in the Virtual reader, follow steps in section From a memory card.

Select virtual card								
O S + user + My Documents + My Laundry Programs					My Laundry Program	s p		
Organize - New folder			-		10 · 10	0		
Cognities - Territories Cognities - Territories Downloads Recert Places Libraries Documents Music Fictures Videos Cognities Computer Locanication Locanication Computer Locanication Computer Locanication Computer Locanication Computer Locanication Locanic	Name VE20H-bin tetabin VE30H-bin VE30H std bin	Date modified 2012-06-08 16-28 2012-04-28 00:35 2012-09-26 11:47	Type BIN File BIN File BIN File	Size 8 KB 8 KB 8 KB		•		
🗣 Network 👻	ne RAUserAuserADocumentsIMy Laundry P	rograms/W4850H std.bin	1	Binary fi Op	ile (".bin) en Cancel	•		
							fig.W00)363

6.2.4 From a program device (only Compass Control and Compass Pro)

Editing programs for Compass Control and Compass Pro is normally done in the CPU itself and requires that your computer is connected to the powered-up program device. See sections: Scanning for connected machines. 1. Go to the **Machine view** and select the connected machine you want to read from.

2. Click Read program from machine in the toolbar.

Machine view	Favorites: Favorites 1	•	+ -]				
	Available machine types						Edit and c	reate programs
- N	Elarus Control (165 available)					◆ ³ ^		Create a new program
	Compass Control (80 available)					\$ ³		
	▲ Compass Pro (21 available)					◆ ⁶³		Read program from machine
i i	T5130	Electrolux	Rev: 0	U 🕜 U	2012-05-29 15:08:12	*	1	Open program from file
-	T5130C	Electrolux	Rev: 0	U 🗿 U	2012-05-29 15:01:27	\$		
Machine view	Т5290	Electrolux	Rev: 0	U 🕢 U	2012-05-25 10:22:48	*		Open program from database
ale l	T5550	Electrolux	Rev: 0	U 🕢 U	2012-05-25 09:25:14	*	Manage pr	ograms on a machine
	T5675	Electrolux	Rev: 0	U 🕢 U	2012-05-25 09:26:21	*	3	Save program to file
Card manager	TD35	Wascomat	Rev: 0	U 🕢 U	2012-05-25 09:27:36	☆ =		lownload programs and create a library
	TD67	Wascomat	Rev: 0	U 🕢 U	2012-05-25 09:28:29	\$		entitional programs and create a library
	TD83	Wascomat	Rev: 0	U 🕲 U	2012-05-25 09:39:24	\$		Upload programs from a library
	W5105N	Electrolux	Rev: 0	⊎⊚⊎	2012-08-20 16:28:07	\$		Manage active programs on machine
	W5130N	Electrolux	Rev: 0	⊎⊚⊎	2012-08-20 16:29:52	\$		
	W5180H	Electrolux	Rev: 0	U () U	2012-09-07 14:10:51	\$	<u> 8</u>	Erase programs on machine
	W5240H	Electrolux	Rev: 0	U () U	2012-08-24 15:10:47	\$	Connectio	n settings
	O W555H [USB12:0]	Electrolux	Rev: 0	⊎⊙⊎	2012-05-25 10:21:10	*	Software	transfer baudrate 230400 bps 🔻
	W565H	Electrolux	Rev: 0	⊎ ⊚ ₩	2012-08-20 16:24:19	\$		
	W575H	Electrolux	Rev: 0	U () U	2012-08-20 16:21:00	\$		
	WS5180H	Electrolux	Rev: 0	⊌⊙⊎	2012-09-07 16:49:57	\$		
	WS5250H	Electrolux	Rev: 0	⊌⊙⊎	2012-09-07 16:50:16	\\$.		
Connections (1 found)	🕎 All machines 🚖 My favorites 🔾 Connected n	nachines		(ST	Scan for connected m	achines		

3. A list will now appear showing the programs available in the machine memory.

4. Select the program to be edited and click **Read**.

0	W555H - [USE	312 / addr: 0]			-	R
Number	Name	Lock	Active	Creato	or	
001	NORMAL 30		🙀 Ac	🚮 Fac	tory	
002	NORMAL 40		🙀 Ac	🚮 Fac	tory	
003	NORMAL 40		📩 Ac	🚮 Fac	tory	
004	NORMAL 60		📩 Ac	🚮 Fac	tory	
005	NORMAL 60		📩 Ac	🚮 Fac	tory	
006	NORMAL 95		🙀 Ac	🚮 Fac	tory	
007	MILD 60		🙀 Ac	🚮 Fac	tory	
008	MILD 40		📩 Ac	🚮 Fac	tory	
009	DELICATE 30		📩 Ac	付 Fac	tory	
010	HANDWASH		🙀 Ac	🚮 Fac	tory	
011	WOOL 40		🙀 Ac	🚮 Fac	tory	
012	RINSE		📩 Ac	🚮 Fac	tory	
013	DRUM RINSE		à	🚮 Fac	tory	
014	MACHINE CLEAN		23	🚮 Fac	tory	
015	NORMAL 40		23	🚮 Fac	tory	
016	NORMAL 60		23	🚮 Fac	tory	
017	NORMAL 95		à	🚰 Fac	tory	
018	SYNTH. 40		ŵ	付 Fac	tory	-
Language	English (US)			•		
Number	005				🛛 Rea	d
Name	NORMAL 60				Cancel	

- 5. The selected program will open and be displayed in My program pane in Program editor.
- 6. Add and edit program modules. See section: Program editor.

User manual

rite zait rrogiarit				-	
Program editor	Save program to file	Write program to machine	Manage active programs	Erase programs	× Close
	Sequence database	No extract 85			My program
Pal	📋 Database manager 🗐 🖄	🖉 📎 Revert to default value 🗠 Une	do change		🦢 Add 🗸 📗 🖄 🔚
	▼ 🧕 Default data	🥪 0 - Head			▲ ▼ O No extract 85
	Head	Count weight		📝 On	Head
	Mainwash	Start Extraction		Off	Mainwash
	Rinse	Buzzer at Program end		🔽 On	Mainwash
Machine view	Pre-Rinse	Powder, flush valve from wash prog	ram	🔽 On	Mainwash
The the tree	▶ 🔲 Soak	Liquid, flush main cold water valve		🔽 On	Mainwash
-	K Cool	Motor action 1 on time, CW		00:06	Drain
BP	Extraction	Motor action 1 on time, CCW		00:06	Binse
	🗾 End	Motor action 1 off time		00:18	Drain
Card manager	▼ O extract 85	Motor action 2 on time, CW		00:15	
	🔛 Head	Motor action 2 on time, CCW		00:15	► 🛄 Rinse
6-	Mainwash	Motor action 2 off time		00:04	Drain
	Mainwash	Motor action 3 on time, CW		00:08	Find
Program editor	Mainwash	Motor action 3 on time, CCW		00:08	C-Contraction of the second se
	▶ Ш Mainwash	Motor action 3 off time		00:07	
	Drain	Motor action 4 on time, CW		00:00	
	Extraction	Motor action 4 on time, CCW		00:00	
	Drain	Motor action 4 off time		00:03	
	Extraction	Motor action 5 on time, CW		00:00	
	🕨 🛗 Rinse	Motor action 5 on time, CCW		00:00	
	Drain	Motor action 5 off time		00:03	
	End	U1 - Mainwash(1)			
		Reheat		🔽 On	
4	Sequence information	Module heated		🔽 On	Current Program (517 Byte
- E	Name -	Pause Before Wash		Off	21%
Connections	Size -	Wash time before heat (Min:Sec)		00:00	
(2 found)	Default data	No extract 85			No extract 85

6.2.5 From a program library file, *.wpl. (only Compass Control and Compass Pro)

A program cannot be opened directly in a *.wpl file. Instead, in order to edit a program in a library file, it first has to be uploaded to the program device.

- 1. Go to the **Machine view** and select the connected machine you want to read from.
- 2. Click Upload programs from library in the toolbar.

Maabina uisu							
Machine view	Favorites: Favorites 1	•					
	Available machine types						Edit and create programs
-9	► Clarus Control (105 available)						Create a new program
	4 Compass Pro (21 available)					▼	Deed answer from modelse
		Flasterium	Day 0		2012 05 20 15 09 12	-	Read program from machine
	10100	Electrolux	Kev. 0		2012-05-25 15:08:12	- ^	Open program from file
	T5130C	Electrolux	Rev: 0	U 🕜 U	2012-05-29 15:01:27	¥	
Machine view	T5290	Electrolux	Rev: 0	U 🕜 U	2012-05-25 10:22:48	*	Open program from database
ab	T5550	Electrolux	Rev: 0	U 🕜 U	2012-05-25 09:25:14	*	Manage programs on a machine
6	T5675	Electrolux	Rev: 0	U 🕜 U	2012-05-25 09:26:21	*	Save program to file
Card manager	TD35	Wascomat	Rev: 0	U 🕢 U	2012-05-25 09:27:36	☆ ₌	Download programs and create a library
	TD67	Wascomat	Rev: 0	ພ 🌀 📖	2012-05-25 09:28:29	\$	
	TD83	Wascomat	Rev: 0	U 🕜 U	2012-05-25 09:39:24	\$	Upload programs from a library
	W5105N	Electrolux	Rev: 0	U 🕢	2012-08-20 16:28:07	\$	Manage active programs on machine
	W5130N	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-20 16:29:52	\$	
	W5180H	Electrolux	Rev: 0	U 🛈	2012-09-07 14:10:51	\$	Erase programs on machine
	W5240H	Electrolux	Rev: 0	🖬 🔘 🖽	2012-08-24 15:10:47	\$	Connection settings
	O W555H [USB12	2:0] Electrolux	Rev: 0		2012-05-25 10:21:10	*	Software transfer baudrate 230400 bps 🔻
	W565H	Electrolux	Rev: 0	⊌⊚⊎	2012-08-20 16:24:19	\$	
	W575H	Electrolux	Rev: 0	U ()	2012-08-20 16:21:00	\$	
	WS5180H	Electrolux	Rev: 0	U () U	2012-09-07 16:49:57	\$	
	WS5250H	Electrolux	Rev: 0	U () U	2012-09-07 16:50:16	☆.	
Connections (1 found)	🙀 All machines 🚖 My favorites 🔾 Connect	ed machines			Scan for connected m	achines	
(1 round)	L				searror connected the	icitalites	

3. In the Select library file window, select the *.wpl file you want to upload, and click Open.

Select library file	and install Minutester				X	Ŋ
User > M	y Documents 🔸 My Laundry Programs			- - 4 9	Search My Laundry Programs 👂	1
Organize 🔻 New folder					· · · ·	
🔆 Favorites	Name	Date modified	Туре	Size		
🧮 Desktop	T5290 library.wpl	2012-09-25 16:39	Windows Media p	32 KB		
퉳 Downloads	💽 W555H Hygiene.wpl	2012-09-26 15:12	Windows Media p	21 KB		
🔛 Recent Places						
Libraries						
Documents						
Pictures						
Videos						
📜 Computer						
🚢 Local Disk (C:)						
🔮 DVD/CD-RW Driv						
224-01 MIN						
📬 Network 👻						
File nar	me: W555H Hygiene.wpl			•	Wash program library (*.wpl) 🔹	
					Open Cancel	
						⊿ fig.W0036

It will take a few seconds to read the information in the *.wpl file and in the connected machine. A window will open and the information will be presented.

4. In the **Upload library programs to machine** window, select one, more or all programs in the *.wpl file to be uploaded.

5. Click Upload programs. Note that all programs that you write to the program device will be activated automatically. You can deactivate programs using Manage activated programs function later on.

6. Select the program you want to edit, following the steps in section: From a program device.

📋 Library			🚺 Machine	1			
Library <i> </i> Load I	ibrary 🚯 Details 🗛 Chang	je codepage	0	W555H - [USB12 / ad	dr: 0]	 	
Machine: Manufacturer: Model: Structure: Description	Electrolux/W555H 9 1 3		Machine: Manufactu Model: Structure: Languages	Electrolux/W555H rer: 9 1 3 s supported by the mag	hine		
			LCID	Language	Co	depage	
			1033 1053 1044 1036	English (US) Swedish (SE) Norwegian (Bokmål) (N French (FR)	12 12 10) 12 12	52 52 52 52	*
Programs in li	brary		Programs	in machine			
Y Number ✓ © 041 ✓ © 042 ✓ © 042 ✓ © 043	Name LIGHT SOIL 40 NORMAL 72 HEAVY SOIL 85	Codepage 1252 1252 1252	Number © 041 © 042 © 043 © 044 © 045 © 046 © 047 © 048 © 049 © 050 © 051	Name <empty slot=""> <empty slot=""></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty>	Lock Activ	/e	4 m
Creation date:	2012-09-26 15:11:58		Verwrite	e existing programs if sar	n <mark>e number</mark>		
Select all	programs			🚺 Upload progr	ams	Cance	el 📄
			15 Progr	ams		Used 10	0%

In order to upload programs to machine, the library information about machine model, manufacturer and structure must match what is contained in the machine. The codepage (font table) stated in the library, must also be present in the machine. If there is a mismatch between *.wpl file and machine, the upload will be interrupted and a message shown.

Can't write library, machine type mismatch	
The library you are trying to upload is not intended/created for the machine that is currently connected to LPM The library was created for a "Electrolux/T5290" But the connected machine is a "Electrolux/W555H"	
ОК	fig.W0036

6.2.6 From Sequence database

The **Sequence database** contains as default the factory set of program modules (**Default data**). These can not be changed or deleted, but you can use the modules to build a new program. However, user made program sequences that have been saved to the **sequence database** using the **Save to database** function can be deleted or edited.

- 1. Go to the Machine view and select the machine you want to create a program for.
- 2. Click Open program from database in the toolbar.

ELS Laundry Program	Manager 6			A last the l			
File Edit Settings Win	dow Help						
Machine view	Favorites: Meine Favoriten 1	• + -					
	Available machine types					Edit and	create programs
≥ä	Clarus Control (154 available)				♦ ²³ ^		Create a new program
	Compass Control (78 available)			•	\$ [⊡]		
	Compass Pro (51 available)			•	♦ ¹³		Read program from machine
	W745	Wascomat	Rev: 0	2012-09-21 13:51:43	- ×	2	Open program from file
	EXSM765	Wascomat	Rev: 0	🖬 💿 🔟 2012-09-21 14:56:36	ģ ≡		
Machine view	EXSM780	Wascomat	Rev: 0	🖬 🕥 🔟 2012-09-21 15:37:06	Â	8	Open program from database
ab	W555H	Electrolux	Rev: 1	🖬 💮 🔟 2012-10-19 10:59:15	*		
	W565H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 10:59:50	*		
Card manager	W575H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 11:00:27	*		
	W5855	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:07:51	\$		
	W745	Wascomat	Rev: 0	🖬 🕥 🔟 2012-10-19 12:08:25	\$		
	W5105H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:08:53	*		
	W5105N	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:09:29	*		
	W5130H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:10:00	*		
	W5130N	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:24:25	\$		
	W5130S	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:36:30	\$		
	W5180H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 12:37:01	*		
	W5180N	Electrolux	Rev: 0	🖬 💿 🔟 2012-10-19 13:09:36	\$		
	W5240H	Electrolux	Rev: 0	🖬 🕥 🔟 2012-10-19 13:10:13	*		
a de la companya de l	W5280X	Electrolux	Rev: 0	🖬 💿 💷 2012-10-19 13:11:11	- <u>i</u>		
Connections (1 found)				Scan for connected r	nachines		

3. Select the database file you want to use as a template, and click **Open**.

🏮 Open data	base program	-	×	
Availible pro	grams for selected n	nachine		
Number	Name	Steps	Size	
001 001	Default data No extract 85	15 15	491 517	
Machine W555H		ок	Cancel	
				fig.W003

- 4. The selected program will open and be displayed in My program pane in Program editor.
- 5. Add and edit program modules. See section: Program editor.



7 Deleting program

7.1 *.lpf or *.wpf file

From an Explorer Window, open the folder in which the program is located. Select the program and click the **Delete** button on your keyboard.

Organize 👻 🎦 open 🔹 Share with 👻	Bu	irn New folder					
🖻 퉲 Program Files	^	Name	Date modified	Туре	Size		
🛛 🎍 Program Files (x86)		St 40° SYNTH.wnf	2012-06-07 13:43	Laundry Program	1 KB		
🖻 퉲 ProgramData		S 60° NORMAL W4180H.lpf	2012-06-07 11:34	Laundry Program	1 KB		
4 鷆 Users		Si 85° NORMAL W4240H.lpf	2012-06-07 11:30	Laundry Program	1 KB		
🍌 Administrator		Sk 85° NORMAL worf	2012-06-07 13:41	Laundry Program	1 KB		
🖻 🍌 Default		S 90° NORMAL wof	2012-06-07 13:42	Laundry Program	1 KB		
🖻 퉲 Public		Eull library 15 prog wpl	2012-09-26 16:07	Windows Media n	99 KB		
4 🎪 user		Sh HEAVY SOIL 85. Inf	2012-09-26 15:35	Laundry Program	2 KB		
🛎 📕 AppData		Laundry W4240H.bin	2012-06-08 16:28	BIN File	8 KB		
D Local		St NORMAL 95.Inf	2012-09-26 15:44	Laundry Program	1 KB		
Description		T5290 library wol	2012-09-25 16:39	Windows Media n	32 KB		
a 🍌 Roaming		V555H Hygiene.wpl	2012-09-26 15:12	Windows Media p	21 KB		
🛛 🍌 Adobe		W4850H std.bin	2012-09-26 11:47	BIN File	8 KB		
🖻 🍌 Identities		B Warning png	2012-09-25 10:39	PNG image	1 KB		
🍌 Laundry Program Manager							
🛛 🌽 Macromedia							
🍌 Media Center Programs							
🛛 🌽 Microsoft	H						
DenOffice.org							
🔓 Contacts							
🖻 ॊ Desktop							
🖻 퉳 Downloads							
Favorites							
🔯 Links							
4 📗 My Documents							
Electrolux							
ELS Common Service Tool							
🌗 My Laundry Programs							
🖻 🚺 My Music							
崖 My Pictures							
📓 My Videos	-						

7.2 From a memory card (only Clarus Control)

- 1. Go to Card Manager and select the reader in which the program is located.
- 2. Click Delete program on card.



0	Electrolux ELS W	IPM Card Reader	0	
Number	Name	Format	Size	Checksum
991	NORMAL 95°C	Normal	235	
992	NORMAL 60°C	Normal	235	
993	NORMAL 40°C	Normal	235	
994	INTENSIVE 95°C	Normal	332	
995	INTENSIVE 60°C	Normal	332	
996	PERM.PRESS 60°C	Normal	234	
997	PERM.PRESS 40°C	Normal	227	
998	DELICATE 30°C	Normal	225	
999	EXTR.HIGH SMIN	Normal	85	
Number	991			
Name	NORMAL 95°C			
Free text				Delete

3. From the list of programs held on the memory card, select the program to be deleted and click **Delete**.

7.3 From a *.bin file (only Clarus Control)

1. Go to Card Manager and select Virtual reader.



2. Click **Select** in the **Manage virtual card** section, and select the *.bin file you want to use. If you already have a *. bin file connected to your Virtual card reader, it will be dismounted and the selected *.bin file will be connected instead.

- 3. Once the *.bin file is visible in the Virtual reader, click **Delete program on card**.
- 4. From the list of programs in the *.bin file, select the program to be deleted and click **Delete**.

Select virtual card						
OO~↓ user → N	Ay Documents 🕨 My Laundry Program	15		✓ 4y Sea	arch My Laundry Programs	ρ
Organize 🔻 New folde	r				88 🔹 🚺 🔞)
🔶 Favorites	Name	Date modified	Туре	Size		
📃 Desktop	Laundry W4240H.bin	2012-06-08 16:28	BIN File	8 KB		
📕 Downloads	test.bin	2012-04-28 00:35	BIN File	8 KB		
🔛 Recent Places	W4850H std.bin	2012-09-26 11:47	BIN File	8 KB		
Libraries Documents Music Pictures Videos Computer Coal Disk (C:) DVD/CD-RW Driv. Network v						
File na	ame: C:\Users\user\Documents\My La	undry Programs\W4850H std.bin		✓ Bina	ry file (*.bin) 🔻	
					Open Cancel	
•						

7.4 From a program device (only Compass Control and Compass Pro)

Deleting programs from Compass Control or Compass Pro CPU requires that your computer is connected to the powered-up program device. See section: Scanning for connected machines.

- 1. Go to the Machine view and select the connected machine you want to delete a program from.
- 2. Click Erase program from machine in the toolbar.

Machine view	Favorites 1	•]			
	Available machine types						Edit and create programs
Paj	Clarus Control (165 available)						Create a new program
	Compass Control (80 available)					€ ^{E3}	
	A Compass Pro (21 available)					\$	Read program from machine
	15130	Electrolux	Rev: 0		2012-05-29 15:08:12	_ ~	Open program from file
	T5130C	Electrolux	Rev: 0	U 🕜 U	2012-05-29 15:01:27	\$	
Machine view	T5290	Electrolux	Rev: 0	ພ 🎯 ພ	2012-05-25 10:22:48	*	Open program from database
-	T5550	Electrolux	Rev: 0	ພ 🎯 ພ	2012-05-25 09:25:14	*	Manage programs on a machine
6	T5675	Electrolux	Rev: 0	ພ 🎯 ພ	2012-05-25 09:26:21	*	Save program to file
Card manager	TD35	Wascomat	Rev: 0	ຟ 🎯 ຟ	2012-05-25 09:27:36	☆ _	Download programs and create a library
	TD67	Wascomat	Rev: 0	U 🕜 U	2012-05-25 09:28:29	\$	
	TD83	Wascomat	Rev: 0	ຟ 🎯 ຟ	2012-05-25 09:39:24		Upload programs from a library
	W5105N	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-20 16:28:07		Manage active programs on machine
	W5130N	Electrolux	Rev: 0	🖬 💮 📖	2012-08-20 16:29:52	숯	
	W5180H	Electrolux	Rev: 0	🖬 💮 📖	2012-09-07 14:10:51	숯	Erase programs on machine
	W5240H	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-24 15:10:47	\$	Connection settings
	• W555H [USB12:0]	Electrolux	Rev: 0	⊌⊙⊎	2012-05-25 10:21:10	*	Software transfer baudrate 230400 bps 🔹
	W565H	Electrolux	Rev: 0	U ()	2012-08-20 16:24:19	\$	
	W575H	Electrolux	Rev: 0	U	2012-08-20 16:21:00	会	
	WS5180H	Electrolux	Rev: 0	U	2012-09-07 16:49:57	会	
	WS5250H	Electrolux	Rev: 0	U	2012-09-07 16:50:16	☆.	
Connections	👷 All machines 👷 My favorites 🔘 Connected m	achines		<u>1</u>			
(1 found)				2	Scan for connected ma	chines	

3. A list will now appear showing the programs available in the machine memory.

4. Select one or more programs to remove by ticking the boxes, and click **Delete**.

Note!

Only user made programs can be deleted from the machine memory.

0	W555H - [USB12 / addr: 0]				
3 N	Number	Name	Lock	Active	Creator
	041	LIGHT SOIL 40		🚖 Active	🕵 User
	042	NORMAL 72		🚖 Active	🕵 User
	043	HEAVY SOIL 85		🙀 Active	🕵 User
	044	HEAVY SOIL 80		🚖 Active	🕵 User
V 2	045	HEAVY SOIL 60		🙀 Active	🕵 User
	046	LIGHT SOIL 30		🚖 Active	🕵 User
	047	LIGHT SOIL 35		🙀 Active	💰 User
	048	LIGHT SOIL 45		🙀 Active	🕵 User
	049	HEAVY SOIL 85		🙀 Active	🕵 User
	050	NORMAL 95		🚖 Active	🕵 User
	051	NORMAL 98		🙀 Active	🕵 User
	052	LIGHT SOIL 50		🚖 Active	🕵 User
	053	LIGHT SOIL 55		🚖 Active	🕵 User
	054	LIGHT SOIL 53		🚖 Active	🕵 User
	055	HEAVY SOIL 88		🚖 Active	🕵 User
Se	elect all p	programs		Delete	Cancel
		15 Progra	ams		Used 100%

7.5 From a program library file, *.wpl. (only Compass Control and Compass Pro)

A program cannot be deleted directly in a *.wpl file. Instead, it first has to be uploaded to the program device and then saved again

- 1. Follow the steps how to upload the program library to program device in section: From a program library file, *.wpl.
- 2. Go to the **Machine view** and select the connected machine you want to read from.
- 3. Click **Download programs and create a library** in the toolbar.



3. In the **Download programs to library** window, select only the programs you want to include in the new library file, and exclude the one you want to remove.

4. Type any descriptive information for the program library, and click Create.

5. Give the *.wpl file a new name or overwrite the existing and save it to your hard drive.

-		W335H - [U	W3351 - [030127 addi: 0]					R
H	Number	Name	Lock	Act	tive	Cre	ator	
~	041	LIGHT SOIL 40		*	Active	5	User	
	042	NORMAL 72		à	Active	5	User	
	043	HEAVY SOIL 85		à	Active	5	User	
	044	HEAVY SOIL 80		À	Active	5	User	E
 Image: A start of the start of	045	HEAVY SOIL 60		A	Active	5	User	
	046	LIGHT SOIL 30		\$	Active	5	User	
	047	LIGHT SOIL 35		云	Active	5	User	_
 Image: A start of the start of	048	LIGHT SOIL 45		云	Active	5	User	
 Image: A start of the start of	049	HEAVY SOIL 85		*	Active	5	User	
	050	NORMAL 95		x	Active	5	User	
Mach	ine		Manufacturer	M	odel		Structure	e ID
Elect	trolux/W555H	1	9	1			3	
Desc	ribing text fo	r this library						
	elect all prog	Irams			Create		Cance	el

7.6 From the sequence database

Note!

You can only delete a program that you have previously saved to the Sequence database.

The factory program **Default data** is locked and cannot be deleted.

1. In the Machine view, select the relevant machine and click Create a new program.

2. In the **Program editor**, in **Sequence database** pane, select the database program you want to remove and click the **Delete** button on your keyboard, or right click and select **Delete program**.



3. Click OK in the Delete warning window.

Delete warning	
Delete program "No extract 85" from sequence database?	
OK Cancel	
	fig.W00375

If you want to delete only a program step from the database program, it must first be moved to the **My program** pane, and then you can delete the module from there.

If you want to remove all available database program for a specific machine, remove the *.seq file located in the same folder as the *.mac files. For correct location, see **Settings** menu under **Directories** tab.

8 Program library

8.1 Program library files

Program libraries are used to create a backup of a set of user made programs.

Depending on control system of the machine, this is done in different ways. Clarus Control uses a *.bin file, and Compass Control and Compass Pro uses a *.wpl file to store the backup.

The Clarus Control *.bin file can also be opened in Virtual reader . See section: Card Manager.

Note!

You can not open a Compass Pro *.wpl file into a Compass Control or vice versa.

8.1.1 Create a *.bin file from memory card (only Clarus Control)

The function is mainly used to backup a Clarus Control memory card, or as an easy way to distribute the content of memory cards by e-mail.

The *.bin file is built up and formatted the same way as the Clarus Control memory card.

- 1. Go to Card manager and select Electrolux USB Card reader. Make sure the relevant card is inserted.
- 2. Click Save all programs to BIN file in the toolbar.



3. Enter a name for your backup file, or select an existing file to overwrite and click Save.

Save card to BIN-file				
Organize New folder Organize New folder Image: Computer	Save card to BIN-file		×	
Organize ▼ New folder	🕞 🕞 🖉 🕨 user 🕨 My Documents 🕨 My Laundry Programs		 Fy Search My Laundry Programs 	
Image: Second Desktop Image: Desktop Image: Downloads <	Organize 🔻 New folder		u= ▼ ()	
BIN File BIN F	Favorites	W4850H std.bin		
Downloads Recent Places Documents Music Pictures Videos Videos Computer Local Disk (Ci) DVD/CD-RW Driv	Desktop BIN File	BIN File		
Ibraries Image: Computer Signature Image: Computer Signature Image: Computer Signature Image: Compu	Downloads	0,00 Kb		
ibraries ■ Documents Music Pictures ■ Videos ■ Videos ■ Local Disk (C:) ■ D/D/CD-RW Driv ▼ ■	💯 Recent Places			
Image: Second secon				
Documents Music ■ Pictures ■ Videos ■ Local Disk (C:) ▲ DVD/CD-RW Driv ~	🥽 Libraries 🗮			
Music Pictures Videos Computer Local Disk (C:) DVD/CD-RW Driv ~	Documents			
Pictures Videos Computer Local Disk (C:) DVD/CD-RW Driv →	🎝 Music			
Videos	Pictures			
Computer Local Disk (C:) DVD/CD-RW Driv =	Videos			
Computer Computer Local Disk (C:) DVD/CD-RW Driv -				
	Computer			
ET MARCOLLAND IN				
File name: W4000F std.bin	File name: W4850H std.bin		•	
Save as type: Binary file (*.bin)	Save as type: Binary file (*.bin)		• •	
Hide Folders Save Cancel	Hide Folders		Save Cancel	

You can now keep your backup file for later use as a virtual memory card or copy it to a Clarus Memory card using the ELS WPM Card Reader.

The backup file can also be sent as an attachment in an e-mail.

8.1.2 Write a *.bin file to a memory card (only Clarus Control)

This is used to restore a backup from your hard drive to a memory card.

1. Go to **Card manager** and select Electrolux USB Card reader. Make sure an empty card is inserted. (The operation will overwrite all existing programs on the card).

2. Click Write card from BIN file in the toolbar.



3. In the **Open file to write card** window, select the *.bin file you want to be copied to the memory card.

Den file to write card		
→ user → My Documents → My Launc	Iry Programs	✓ 4 Search My Laundry Programs
Organize 🔻 New folder		
✓ Favorites Laundry W4240 EIN File BIN File BOownloads 8,00 KB Image: Computer Music Image: Computer Mucal Disk (C:) Image: Computer MINGSTON (E:)	H.bin BIN File 8,00 KB	
File <u>n</u> ame:		▼ Binary file (*.bin) ▼
		Open 🔽 Cancel

8.1.3 Create a *.wpl file (only Compass Control and Compass Pro)

This is used to create a backup of user made programs from a control device to your hard drive, and can only be performed if you have a proper control device connected.

- 1. Go to Machine view and select the connected machine.
- 2. Click **Download programs and create a library** in the toolbar.

Machine view	Favorites: Favorites 1	-	-				
	Available machine types						Edit and create programs
<u>-</u> 0	Element Clarus Control (165 available)						Create a new program
	Compass Control (80 available)					\$	
	▲ Image A Compass Pro (21 available)					€ ³	Read program from machine
<u> </u>	T5130	Electrolux	Rev: 0	U 🕜 U	2012-05-29 15:08:12	*	Open program from file
3	T5130C	Electrolux	Rev: 0	U 🕢 U	2012-05-29 15:01:27	\$	
Machine view	T5290	Electrolux	Rev: 0	ພ 🎯 ພ	2012-05-25 10:22:48	*	Open program from database
AD	T5550	Electrolux	Rev: 0	ພ 🎯 ພ	2012-05-25 09:25:14	*	Manage programs on a machine
E F	T5675	Electrolux	Rev: 0	ພ 🌀 🔟	2012-05-25 09:26:21	*	Save program to file
Card manager	TD35	Wascomat	Rev: 0	ພ 🌀 🔟	2012-05-25 09:27:36	술 =	Download programs and create a library
	TD67	Wascomat	Rev: 0	ພ 🕜 ພ	2012-05-25 09:28:29	\$	Download programs and create a notary
	TD83	Wascomat	Rev: 0	ພ 🌀 ພ	2012-05-25 09:39:24	\$	Upload programs from a library
	W5105N	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-20 16:28:07	\$	Manage active programs on machine
	W5130N	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-20 16:29:52	\$	
	W5180H	Electrolux	Rev: 0	🖬 🕥 🖽	2012-09-07 14:10:51	\$	Erase programs on machine
	W5240H	Electrolux	Rev: 0	🖬 🕥 🖽	2012-08-24 15:10:47	\$	Connection settings
	• W555H [USB12:0]	Electrolux	Rev: 0	U () U	2012-05-25 10:21:10	*	Software transfer baudrate 230400 bps 👻
	W565H	Electrolux	Rev: 0	U ()	2012-08-20 16:24:19		
	W575H	Electrolux	Rev: 0	U 🕢	2012-08-20 16:21:00		
	WS5180H	Electrolux	Rev: 0	U () U	2012-09-07 16:49:57		
	WS5250H	Electrolux	Rev: 0	U () U	2012-09-07 16:50:16	☆.	
Connections	👷 All machines 🚖 My favorites 🔘 Connected m	achines		<i>10</i>			
(1 found)				3	Scan for connected ma	achines	

3. In the **Download programs to library** window, select the programs you want to save to library.

- 4. Type any descriptive information for the program library, and click Create.
- 5. Give the *.wpl file a new name or overwrite an existing and save it to your hard drive.

Note!

Only user made programs can be saved to *.wpl file.

0		W555H - [U	SB12 / addr: 0]	•	R
	Number	Name	Lock	Active	Creator	
~	041	LIGHT SOIL 40		🚖 Active	🕵 User	
	042	NORMAL 72		🙀 Active	🕵 User	
~	043	HEAVY SOIL 85		🙀 Active	🕵 User	
-	044	HEAVY SOIL 80		📩 Active	🕵 User	E
 Image: A start of the start of	045	HEAVY SOIL 60		🙀 Active	🕵 User	
¥	046	LIGHT SOIL 30		🙀 Active	🕵 User	
 Image: A start of the start of	047	LIGHT SOIL 35		🙀 Active	🕵 User	
\checkmark	048	LIGHT SOIL 45		🚖 Active	🕵 User	
 Image: A start of the start of	049	HEAVY SOIL 85		🚖 Active	🕵 User	
~	050	NORMAL 95		🙀 Active	🕵 User	-
Machi	ne		Manufacturer	Model	Structu	re ID
Elect	rolux/W555H	1	9	1	3	
Descr	ibing text fo	r this library grams	1	Creat	e Can	cel

8.1.4 Write *.wpl file to program device (only Compass Control and Compass Pro)

This is used to restore a backup of user made programs from your hard drive to a control device, and can only be performed if you have a proper control device connected.

- 1. Go to Machine view and select the connected machine.
- 2. Click Upload programs from a library in the toolbar.



3. In the Select library file window, select the *.wpl file you want to restore, and click Open.

Select library file	Mandatan .			- E			
User + My Document	ts • My Laundry Programs	_		• +)	Search My Launary Programs		
Organize 🔻 New folder					II • 🗊 😣		
Favorites Name	^	Date modified	Туре	Size			
Desitop	Hbrary.wpl 2 H Hygiene.wpl 2	2012-09-25 15:12	Windows Media p Windows Media p	32 KB 21 KB			
M Recent Places							
Documents							
Music							
🚼 Videos							
Computer							
DVD/CD-RW Driv							
🙀 Network 👻							
File name: WS55H	l Hygiene.wpl			•	Vash program library (*.wpl) 🔹		
					Open Cancel		
÷						fig MC	10266
						lig.vvc	10300

It will take a few seconds to read the information in the *.wpl file and in the connected machine. A window will open and the information will be presented.

4. In the **Upload library programs to machine** window, select one or more programs in the *.wpl file to be uploaded.

5. Click Upload programs.

🕒 Library			Machine				
Library Load lil	orary 🛛 🕄 Details 🛛 🖓 Change	codepage	0	W555H - [USB12 / addr: 0	1 IV		
Machine: Manufacturer: Model: Structure: Description	Electrolux/W555H 9 1 3		Machine: Manufactu Model: Structure: Language:	Electrolux/W555H rer: 9 1 3 s supported by the machine	e		
			LCID	Language	Codepage		
			1033 1053 1044 1036	English (US) Swedish (SE) Norwegian (Bokmål) (NO) French (FR)	1252 1252 1252 1252	•	
Programs in lib	rary		Programs	in machine			
Number	Name	Codepage	Number	Name Lock	Active		
♥ © 041 ♥ © 042 ♥ © 043	LIGHT SOIL 40 NORMAL 72 HEAVY SOIL 85	1252 1252 1252	C 041 O 042 O 043 O 044 O 045 O 046 O 047 O 048 O 049 O 050 O 051	<empty slot=""> cempty slot> empty slot> empty slot> empty slot> empty slot> empty slot> empty slot> empty slot> eempty slot> eempty slot> eempty slot> eempty slot> eempty slot></empty>		E	
Creation date:	2012-09-26 15:11:58		Verwrit	e existing programs if same n	umber		
Select all p	rograms			Upload programs	Canc	el	
			15 Progr	ams	Used 1	00%	

Note!

All programs that you write to the program device will be activated automatically. You can deactivate programs later on. See section: Manage active programs.

Program slots that will be written to are indicated in red in the Programs in machine pane.

If you uncheck the checkbox Overwrite existing programs if same number, programs will be written only to free program slots.

In order to upload programs to machine, the library information about machine model, manufacturer and structure must match what is contained in the machine. The codepage (font table) stated in the library, must also be present in the machine.

If there is a mismatch between *.wpl file and machine, the upload will be interrupted and a message shown.

Can't wr	ite library, machine type mismatch	
0	The library you are trying to upload is not intended/created for the machine that is currently connected to LPM	
	The library was created for a "Electrolux/T5290" But the connected machine is a "Electrolux/W555H"	
	ОК	
		fig.W00368

9 Sequence database / Database manager

The sequence database is used to facilitate the restoration of a module, a number of program steps or an entire program for a specific machine. The modules in the sequence database are locked to the selected machine model. The **Default data** contains the factory set of modules. It is extracted from the *.mac file and can not be deleted or edited. Programs or program sequences that are saved by the user can be deleted.

The database tool is used to manage various functions in the sequence database.

9.1 Edit a program in Sequence database

When editing a program in the sequence database the program must first be moved to the **My program** pane in the edit menu. See section: From Sequence database.

9.2 Add a program to Sequence database

There are two ways of adding a program sequence to database.

Save program to database

Once a program or program sequence is ready in the **My program** pane of the edit menu, it can be saved to **Sequence database**.

1. Drag it from the My program pane into the Sequence database pane, or right-click and select Save to database.



9.3 Import *.wpf or *.lpf file

- 1. Open the Sequence database manager by clicking the Database manager button (A).
- 2. Click Import program (B).

ELS Laundry Progr	am Manager 6 - [W555H/Program	1		_ _ ×
File Edit Program	Settings window Heip			
Program editor	Save program to file	Write program to machine	Manage active programs	× Close
	Sequence database	📁 Default data		My program
	🧊 Database manager 📁 🎽	🗊 👘 Revert to default value i 🕤 Undo	change	Add - 🔯 🖄 🐴
	🔻 🧕 Default data	H Sequence database n	nanager	
	🥪 Head	Count weir Database Program		
	Prewash	Start Extrac	ogram ध Import program ᢖ 🗓 🗙 🔚	
	Mainwash	Burner the Sequence database man	ager Program data	
	Pre-Rinse	Devudes fil	^ ■0 - Head	*
Machine view	Soak	Powder, Tu - 🥪 0 - Head	v v - neau	
	K Cool	Liquid, flus UII 2 Meisuar	(1) Count weight	⊘ On
THE REAL PROPERTY AND INCOMENT	🕨 🛃 Drain	Motor activ	n(1) Start Extraction	Off
	O Extraction	Motor acti	e(1) Buzzer at Program end	☑ On
	🚽 End	Motor acti 5 - Soak(1)	Powder, flush valve from wash program	☑ On
Card manager	▼ O extract 85	Motor acti * 6 - Cool(1)	Liquid, flush main cold water valve	📝 On
	Head	Motor activ 7 - Drain(1)	Motor action 1 on time, CW	00:06
6	Mainwash	Motor acti	Motor action 1 on time, CCW	00:06
	Mainwash	Motor activ	Motor action 1 off time	00:18
Program editor	Mainwash	Motor acti	Motor action 2 on time, CW	00:15
	Mainwash	Motor activ III 2 - Mainwas	h(1) h(2) Motor action 2 on time, CCW	00:15
	🕨 🛃 Drain	Motor activ - W 3 - Mainwas	h(3) Motor action 2 off time	00:04
	Textraction	Motor acti	h(4) Motor action 3 on time CW	00:08
	Rinse	Motor acti	h(5) Motor action 3 on time, CCW	00:08
	Drain	Motor acti 6 - Drain(1)	motor action 5 on time, CCW	00:00
	O Extraction	Motor actin	motor action 3 off time	00:07
		Motor acti	Motor action 4 on time, CW	00:00
	Textraction	Motor acti @ 10 - Extract	ion(2) Motor action 4 on time, CCW	00:00
	🗾 End	U1 - P 11 - Rinse(2	Motor action 4 off time	00:03
		Reheat	on(3) Motor action 5 on time, CW	00:00
1	Sequence information	Module he 14 - End	 Motor action 5 on time, CCW 	00:00
2	Name Default data	Pause Befo. W555H 2	Programs	
Connections	Size 491	Wash time before heat (Min-Sec)	00-00	_
(1 found)	🛄 Default data	Default data		Program

3. Select the *.lpf or *.wpf file you want to import to the **Database manager** and click **Open**.

Load program			
→ user → My Documents → My Laundry Programs	s	 + Search My Laundry Programs 	
Organize 🔻 New folder			
Favorites Desktop Downloads Recent Places	85° NORMAL.wpf Laundry Program 404 bytes	90° NORMAL.wpf Laundry Program 494 bytes	
Libraries ☐ Documents J Music ☐ Pictures ☑ Videos			
Image: Computer Image			
File name: 90° NORMAL.wpf		Wash program file (*.wpf) Open Cancel	
K			

9.4 Export database program

There are two ways of exporting a program from the sequence database.

Add steps from database

In order to use a program that is saved in the sequence database, it must be exported to My program.

1. In **Program editor**, find the database program you want to use.

2. Drag it from the **Sequence database** pane into the **My program** pane, or right click the program and select **Add steps from database**.

You can also copy a single module from a program in the **Database manager** by dragging it from the "Sequence database" pane into the **My program** pane, or right click the module and select **Add steps from database**.



Export database program to *.wpf or *.lpf file

- 1. Open the Sequence database manager by clicking the Database manager button (A).
- 2. Select the database sequence you want to export (B).
- 3. Click Export program button (C).



4. Name the *.lpf or *.wpf file you want to save.

Save program	Tank and		12.00	×
Solution of the second	s My Laundry Programs		✓ 4 Search My Laundry	Programs 🔎
Organize 🔻 New folder				ur • 🕐
Favorites Desktop Downloads Recent Places	40° SYNTH.wpf Laundry Program 494 bytes	85° NORMAL.wpf Laundry Program 404 bytes	90° NORMAL.wpf Laundry Program 494 bytes	
☐ Libraries ☐ Documents J Music Pictures Videos				
🖳 Computer				
🚢 Local Disk (C:)				
BVD/CD-RW Driv +				
File name: No extract 85.wpf	F1.00 0			
Save as type: Wash program file v	v5.1 (*.wpt)			
🔿 Hide Folders			Save	Cancel

10 Program editor

10.1 How to open Program editor

Program editor can be opened in different ways. See section: Creating or editing program.
10.2 Using Program editor

I El Landry Rongen Manage 6 - (VSSSHVDMALL 8 File Edit Program Stings Window Help Program oditor Seve program to file Window Help Program oditor Sever program to file Window Help Program oditor Sever program to file Window Help Program oditor Window Help Program odito			A B	D	С	
Lif Bis Bandy Program Marager 6 : W03SHXNDMAL 8 Write program duffer X Close File Edit Program Setting: Window Help Write program duffer NoRMAL 80 NoRMAL 80 Sequence database Image: Close of the setting of t			/ /	/	/	
Fite Edit Program Settings Window Help Program editor Sequence database Image active programs Image active	ELS Laundry Program	Manager 6 - [W555H/NORMAL 80]				
Program coltor Sore program to file Write program to make in Manage schee program: It core Program coltor Sore program to file Write program to make in Manage schee program: It core Program coltor Program coltor NOBMAL 80 Program coltor NOBMAL 80 Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Program coltor Profin <td< td=""><td>File Edit Program Se</td><td>ttings Window Help</td><td>/</td><td></td><td></td><td></td></td<>	File Edit Program Se	ttings Window Help	/			
Program cellor Imaging a cuto programs Imaging a cuto program cuto program cuto cuto cuto cuto cuto cuto cuto cuto	Desenses aditors	Ganzanan ta fila		[] []	The Case	
Sequence database No Portan Image: Portan and Portan Portan database Image: Portan and Portan Portan Image: Portan and Portan Portan <	Program editor	ave program to me	white program to machine	Base programs	× Close	
Image: Interface Image: Im		Sequence database	INORMAL 80		My program	
Weine data O - Hgrd Weine data D - Hgrd Weine data <td>-9</td> <td>Uatabase manager</td> <td>Revert to default value So Undo change</td> <td></td> <td></td> <td></td>	-9	Uatabase manager	Revert to default value So Undo change			
Image: Solution of the solution		Head	🥏 0 - Head		Head	
Image: Program editor Image: Program ed		Prewash	Count weight	🗹 On	E Mainwash	
Nachine view Image: A Brogen edd	N	🕨 🛄 Mainwash	Start Extraction	C Off	🕨 🛄 Mainwash	
Machine view Image: Construction Pre-Brace Product fluch water volve Image: Construction Image: Card manager Image: Construction Image: Const		🕨 🛄 Rinse	Buzzer at Program end	🖉 On	▶ Ш Mainwash	
Image: Cool Image: Cool	Machine view	Pre-Rinse	Poweler, flush valve from wash program	🖉 On	Mainwash	
Image: Curd manger Image: Curd m		Cool	Liquid, flush main cold water valve	🕼 On	► III Drain	
Card manager Image: End Motor action 1 on time, CCW 0006 Image: End Image: End Motor action 2 on time, CCW 0013 Image: End Image: End Image: End Image: End Motor action 2 on time, CW 0013 Image: End Image: End Image: End Motor action 3 on time, CW 0014 Image: End Image: End Image: End Motor action 3 on time, CW 0006 Image: End Image: End Motor action 3 on time, CW 0004 Image: End Image: End Image: End Motor action 3 on time, CW 0008 Image: End Image: End Image: End Motor action 3 on time, CW 0008 Image: End Image: End Image: End Motor action 3 on time, CW 0000 Image: End Image: End Image: End Motor action 5 on time, CW 0000 Image: End Image: End Image: End Motor action 5 on time, CW 0000 Image: End Image: End Image: End Motor action 5 on time, CW 0000 Image: End Image: End Image: End Motor action 5 on time, CW 0000 Image: End Image: End Image: End Image: End Image: End Image: End Image: End Image	1	Drain	Motor action 1 on time, CW	00:06	Extraction	
Card manager Imager Motor action 1 off time 00.88 Imager Imager Motor action 2 on time, CW 00.35 Imager Imager Imager Imager		O Extraction	Motor action 1 on time, CCW	00:06	🕨 🛗 Rinse	
Constraining Image: Moder action 2 on time, CW 00.15 Image: Moder action 2 on time, CW 00.16 Image: Moder action 2 on time, CW 00.06 Image: Moder action 2 on time, CW 00.06 Image: Moder action 3 on time, CW 00.06 Image: Moder action 4 on time, CW 00.06 Image: Moder action 4 on time, CW 00.06 Image: Moder action 5 on time, CCW 00.06 Image: Moder action 5 on time, CW 00.06 Image: Moder action 5 on time, CCW 00.06<	Card manager	End /	Motor action 1 off time	00:18	🕨 🛃 Drain	
Image: Program editor Image: Mainwash in the formation 2 on time, CCW in the image: CCW in t	Card manager	VICE NORMAL 70	Motor action 2 on time, CW	00:15	Extraction	
Image: Second		Ill Mainwash	Motor action 2 on time, CCW	00:15	I I Drain	
Program editor Ш Mainwash 		Mainwash	Motor action 2 off time	00:04	a Extraction	
Program editor W Mainwash Motor action 3 on time, CCW 00.08 Drain Motor action 4 of time Motor action 4 on time, CCW 00.000 Extraction Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 W Drain Motor action 5 on time, CW 00.000 Current Program (516 Bytes) Extraction NORMAL 70 NORMAL 80 MORMAL 80 		🕨 🛄 Mainwash	Motor action 3 on time, CW	00:08	😴 End	
Image: Stratchine Motor action 3 off time 00:07 Image: Stratchine Motor action 4 on time; CW 00:00 Image: Stratchine Motor action 4 on time; CW 00:00 Image: Stratchine Motor action 4 on time; CW 00:00 Image: Stratchine Motor action 4 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 00:00 Image: Stratchine Motor action 5 on time; CW 0:00 Image: Stratchine Motor action 5 on time; CW 0:00 Image: Stratchine Motor action 5 on time; CW 0:00 Image: Stratchine Motor action 5 on time; CW 0:00 Image: Stratchine Motor action 5 on time; CW 0:00 <	Program editor	Mainwash	Motor action 3 on time, CCW	00:08		
Image: Solution of the state of the stat		Mainwash	Motor action 3 off time	00:07		
Image: Brase Motor action 4 on time, CCW 00:00 Image: Brase Motor action 4 of time 00:03 Image: Brase Motor action 5 on time, CCW 00:00 Image: Brase Motor action 5 on time, CCW 00:00 Image: Brase Motor action 5 on time, CCW 00:00 Image: Brase Motor action 5 of time 00:03 Image: Brase Motor action 5 of time 00:03 Image: Brase Image: Brase Image: Brase Sequence information Reheat Image: Brase Module heated Image: Brase Module heated Module heated Image: Brase Image: Brase Sequence information Pause Before Wash Image: Brase Image: NORMAL 70 Module heated Image: Brase Image: NORMAL 70 Image: Brase Image: Brase Image: NORMAL 70 Image: Brase Image: Brase		Extraction	Motor action 4 on time, CW	00:00		
Image: Stratzion Motor action 4 off time 0003 Image: Stratzion Motor action 5 on time, CW 0000 Image: Stratzion Motor action 5 on time, CW 0000 Image: Stratzion Motor action 5 on time, CW 0000 Image: Stratzion Motor action 5 on time, CW 0000 Image: Stratzion Motor action 5 off time 00.03 Image: Stratzion Motor action 5 off time 00.03 Image: Stratzion Module heated Image: On Sequence information Module heated Image: On Name: NORMAL 70 Pause Before Neath (MnSec) 0000 Image: NORMAL 70 Normation Related Image: NORMAL 80		Rinse	Motor action 4 on time, CCW	00:00		
		🕨 🛃 Drain	Motor action 4 off time	00:03		
Image: Starting in the set of the set		O Extraction	Motor action 5 on time, CW	00:00		
Sequence information Motor action 5 off time 00.03 Sequence information U - Mainwash(1) Sequence information Module heated Name NORMAL 70 Sequence information Pause Before Wash Module heated Ø On Module heated Ø On If found) Pause Before Heat (MinSec) NORMAL 20 NORMAL 80		Rinse	Motor action 5 on time, CCW	00:00		
Sequence information Module heated On Sequence information Module heated On Name NORMAL 70 Pause Before Wash Off Connections (1 found) Use Module heated 0000 Image: NORMAL 70 NORMAL 80 Image: NORMAL 80			Motor action 5 off time	00:03		
Reheat Image: One of the state		🗾 End	U1 - Mainwash(1)			
Sequence information Module heated Image: Connections Conn			Reheat	🗹 On	E	
Nome NORMAL 70 Pauce Before Wash Off Connections (1 found) Size Size Size 0.000 Image: NORMAL 70 NORMAL 80 Image: NORMAL 80 Image: NORMAL 80		Sequence information	Module heated	🔽 On	Current Program (516 Bytes)	
Connections (1 found) Wash time before heat (MinSec) 00:00 - Image: NORMAL 70 NORMAL 80 Image: NORMAL 80		Name NORMAL 70 Size 516	Pause Before Wash	C Off	21%	
NORMAL 20 NORMAL 80	(1 found)		Wash time before heat (Min:Sec)	00:00	·	
		NORMAL 70	NORMAL 80		NORMAL 80	
					it.	

A. Program modules held in **Sequence database**.

- B. User made Program modules.
- C. My program under construction.
- D. Program module editor pane.
- E. Size of My program under construction.

The Program editor is made up of three panes. The left hand pane displays a tree structure with factory created program modules from the machine file (*.mac), together with any user made modules that are held in a *.seq file. See sections: **File types** and: **Creating from sequence database**.

The right hand pane displays a tree structure with the program you are currently creating or editing. (**My program**). The centre pane is where you do the actual editing. It displays the content and parameters of a highlighted module and allows you to make required adjustments to the parameters in your program.

Construct your program by using an existing program as a template, and add new modules from the **Sequence database** pane, or duplicate an existing module from **My program** pane.

		B /		
aundry Program	Manager 6 - [W555H/NORMAL	80]		
it Program Se	ttings Window Help			
ram editor	Save program to file	🚰 Write program to machine 🔲 Manage ctive programs 🗔 Erase progra	ms	× Close
€]	Sequence database	Image: Severt to default value Image		My program
	▼ 🧕 Default data	山2 - Mainwash(5)		▲ VORMAL 80
	Head	Reheat	C Off	Head
<u> </u>	Mainwash	Module heated	🔽 On	Mainwash
	Rinse	Pause Before Wash	Off	Mainwash
chine view	Pre-Rinse	Wash time before heat (Min:Sec)	00:00	Mainwash
Shine view	. 🕨 🖌 Soak	Wash Time (Min:Sec)	17:00	▶ Ш Mainwash
-	* Cool	Temperature	80°C	Drain
	Drain Drain Drain	Temperature Hystereses	4°C	E @ Extraction
	End	Max Temp. Increase per min	38°C	Drain
d manager	VORMAL 70	First Fill Level (Set mm)	0	Extraction
	Head	First Fill Level (Litre)	0	Rinse
	Mainwash	First Fill Level (mm)	0	Drain
	Mainwash	Second Fill Level (Set mm)	58	Tend
aram editor	Mainwash	Second Fill Level (Litre)	8	z Ena
	Mainwash	Second Fill Level (mm)	54	
	🕨 🛃 Drain	Level Hystereses (Scale Units)	21	
		Cold Water	E 0#	
	Rinse	Hot Water	C 0ff	
	Drain	Hot water fluch	0ff	
	Rinse	Motor action fill	2	
	Drain	Motor action heat	2	
	Textraction	Mater action med	2	
	🗾 End	Motor Action Wash	2	
		Meteo Speed During Filling (Kpm)	50	
	Sequence information	Motor Speed During Hilling (G)	0,31	Current Program (516 Bytes)
	Size 516	Motor Speed During Heating (Rpm)	54	<u>▼</u> 21%
1 found)		🧾 🍯 Water 🧊 Level 🧊 Heating 🗊 Motor 🗊 Powder Detergent	Liquid Detergent	
	NORMAL 70	Mainwash(5)		NORMAL 80
		C		

Once you have put all modules in your modified program in place, highlight one module at a time and check that all parameters are properly set.

A. Highlight program module.

B. Parameter list for the highlighted program module.

C. Module parameter group.

If you want to change any parameter, click the relevant parameter group in the lower part of the window, or click the arrow in **My program** pane to open the Module parameter group, and select from there. Alternatively, you can edit the parameter directly in the parameter list.

Edit parameters as required.

If you hold the pointer over an editing field, minimum, maximum and default values for that parameter are shown.



10.3 Saving a program

Once you are finished editing your new program, there are a number of different saving options available.

- Save as an *.lpf (*.wpf) file on your hard drive.
- Save to Clarus Control memory card. (Clarus Control only)
- · Save to virtual memory card. (Clarus Control only)
- Save to program device. (Compass Control and Compass Pro only)
- Save to sequence database.

10.3.1 Save program as *.lpf (*.wpf) file

An *.lpf or *.wpf file is saved to your hard drive and always contains one single program. The file is tagged with machine type and automatically opened using the machine file it was created for, but it can be converted to another machine. See section: **Converting an *.lpf or *.wpf file to a different machine file**.

Save to *.wpf file only if you want the program to be possible to open with the older version of Wash Program Manager.

Note!

It is not possible to save programs for Compass Pro as *.wpf.

- 1. Open the File menu and select Save. (or click the Save program to file button in the toolbar)
- 2. Select target folder or create a new folder to save your program.

 Save program	Ay Documents ► My L	aundry Programs		← ← Search My	Laundry Programs	
Organize ▼ New fold Favorites Desktop Downloads Wasc Documents Music Pictures Videos Computer <u>&</u> Local Disk (C:) <u>&</u> DVD/CD-RW Driv. ↓	60° NORMAL W4180H.lpf	85° NORMAL W4240H.Ipf	HEAVY SOIL 85.lpf	HEAVY SOIL 88.lpf	NORMAL 95.lpf	
File name: NOR Save as type: Launc	MAL 80.1pf Iry program file (v6.0) (*.	lpf)		Save	Cancel	
						fiç

10.3.2 Save to Clarus Control memory card (Clarus Control only)

In order to save a program to Clarus Control memory card, you must have a connected Electrolux ELS Card reader and a Clarus Control memory card that is not write protected. See section: **Card manager**.

1. Click the Write program to card button in the toolbar, and select Electrolux ELS Card reader.

2. Once the content of the memory card has been read, enter a program name and additional information. Select a free program number (or select an existing program to overwrite), and click **Write**.



10.3.3 Save to virtual memory card (Clarus Control only)

In order to use this function, you must first have selected an existing *.bin file or created a new to use as virtual card. See section: **Card manager**.

1. Click the Write program to card button in the toolbar, and select Virtual card reader.

2. Once the content of the virtual memory card (*.bin file) has been read, enter a program name and additional information. Select a free program number or select an existing program to overwrite, and click **Write**.

					-
Number	Name	Format	Size	Checksum	*
001	WOOL PULLOVER	Normal	250	0D4Ah	
002	WOOL GARMENT	Normal	249	0D41h	=
003	WOOL COAT	Normal	246	0C70h	
004	SILK-VISCOSE	Normal	249	0D4Fh	
005	RAINCOAT	Normal	245	0C66h	
006	WEDDING DRESS	Normal	268	0D51h	
007	DUVET	Normal	242	0C7Ah	
008	WOOL BLANKET	Normal	249	0D81h	
009	SYNTHETIC FUR	Normal	250	0D37h	
010	CURTAINS	Normal	245	0D49h	+
•	11	1		•	
Number	40			Default	
Name	DENIM 55			Delete	
Format	Normal		•	A ^a Set language	•
Free text	W4240H				
				Write	
				Cancel	
0	1	1-			
T	24 Progra	ams Free memory 1	664 Byt	es Used 779	6

10.3.4 Save to sequence database

The sequence database is ideally suited to act as a temporary buffer for the storage of a specific program or program sequence. The program sequences stored in the database can be easily re-used in new programs.

Note!

Sequences in the database are locked so that they can be retrieved only for the machine model they were originally saved from. See section: Sequence database.

1. Highlight and drag the program or sequence from the **My program** pane into the **Sequence database** pane, or right click and select **Save to database**.

2. Your new database program is listed after the factory set **Default data**.

3. Use the modules or sequences that you have saved in the **Sequence database** for the construction of new programs.

ELS Laundry Progra	im Manager 6 - [W555H/No extra Settings Window Help	ct 85]		
rogram editor	Save program to file	Write program to machine Manage activ	e programs 🧕 Erase programs	× Close
	Sequence database	No extract 85		My program
	🧻 Database manager 💷 🖉	🖉 📎 Revert to default value 🗠 Undo change		🔛 Add - 🛄 🖄 🔠
	▼ 🧕 Default data			No extract 85
	Head /	Count weight	🔽 On	E Head
	Prewasn III Mainwash	Start Extraction	Off	Mainwash
	Rinse	Buzzer at Program end	V On	Mainwash
Machine view	Pre-Rinse	Poyder, flush valve from wash program	📝 On	Mainwash
actine view	Soak	Liquid, flush main cold water valve	🖉 On	Mainwash
An	K Cool	Motor action 1 on time, CW	00:06	Drain Destruction
E V	Drain D	Motor action 1 on time, CCW	00:06	Binse
	🗾 End	Motor action 1 off time	00:18	Drain
ard manager	▼ O extract 85	Motor action 2 on time, CW	00:15	@ Extraction
	Head	Motor action 2 on time, CCW	00:15	▶ 🛗 Rinse
	Mainwash	Motor action 2 off time	00:04	Orain Drain Drain
	Mainwash	Motor action 3 on time, CW	00:08	₽ End
ogram editor	Mainwash	Motor action 3 on time, CCW	00:08	C.C.
	Mainwash	Motor action 3 off time	00:07	
	Drain	Motor action 4 on time, CW	00:00	
	Rinse	Motor action 4 on time, CCW	00:00	
	Drain	Motor action 4 off time	00:03	
	Extraction	Motor action 5 on time, CW	00:00	
	Rinse	Motor action 5 on time, CCW	00:00	
	Drain	Motor action 5 off time	00:03	
	End	Ⅲ1 - Mainwash(1)		
		Reheat	V On	
4	Sequence information	Module heated	🔽 On	Current Program (517 Bytes)
2	Name -	Pause Before Wash	Off Off	21%
Connections (2 found)	0120	Wash time before heat (Min:Sec)	00:00	
(L'iounu)	🏢 Default data	No extract 85		No extract 85

- A. Factory set modules **Default data**.
- B. Programs / sequences saved in Sequence database.
- C. Your new program.

10.3.5 Save to program device (Compass Pro)

In order to save a program to a control unit, you must have connected your computer to a poweredup machine. See section: **Communication connection**.

1. Click the Write program to machine button in the toolbar.

2. Once the content of the available memory slots in the connected machine has been read, enter a program name, and additional information.

0	W555H -	USB12 / addr: 0]		▼ 2
Number N	ame	Lock	Active	Creator
0 41 <	empty slot>			
042 <	empty slot>			
043 <	empty slot>			
044 <	empty slot>			
045 <	empty slot>			
046 <	empty slot>			
047 <	empty slot>			
048 <	empty slot>			
049 <	empty slot>			
050 <	empty slot>			
0 051 <	empty slot>			
052 <	empty slot>			
053 <	cempty slot>			
054 <	empty slot>			
0 055 <	cempty slot>			
Number				
Number	041			A ^d Set language
Name	Normal 60			L Edit symbol
Short desc.	COLOR			
Long desc.			1.1	
				Write
				Cancel

A. Name. Maximum approximately 12 characters, depending on language used.

B. Short description. Maximum approximately 18 characters, depending on language used. This text will be shown as additional program information below the program name in the machine display.

C. Long description. Max. 7 lines with 20 characters per line. This text is only visible in LPM.

3. If necessary, change the language in which your new program is to be shown in the machine display. This menu also allows you to change the program name, short and long description.

Supported languages in the machine	
English (US)	
Codepage	
1252	
Program name preview	
NORMAL 60	
Short description text preview	
Normal 60 Color	
Program free text preview	
Normal 60 with short extraction	
OK Cancel	

Note!

Compass Pro can handle a number of different languages. However, user made programs are always monolingual, and displayed in the language used in their configuration.

4. If you want a symbol to be shown in front of the program name, you can create or edit an existing in the **Symbol editor**. See section: **Symbol editor**.



5. Highlight the program slot in which you want to save your program. 15 slots are available for user made programs (41 to 55). If you select a slot where a program already is stored, it will be overwritten.

6. Click Write.

0		W555H - [USB12 / ad	dr: 0]		-
Number	Name		Lock	Active	Creator
041	<empty slot=""></empty>				
042	<empty slot=""></empty>				
043	<empty slot=""></empty>				
044	<empty slot=""></empty>				
045	<empty slot=""></empty>				
046	<empty slot=""></empty>				
047	<empty slot=""></empty>				
048	<empty slot=""></empty>				
049	<empty slot=""></empty>				
050	<empty slot=""></empty>				
051	<empty slot=""></empty>				
052	<empty slot=""></empty>				
0 053	<empty slot=""></empty>				
0 054	<empty slot=""></empty>				
M 035	<empty slot=""></empty>				
Number	041				A ^a Set language
Name	Normal 60				Edit symbol
Short de	sc. COLOR				
Long des	ic.				
					Write
					Cancel

Note!

A user made program will be automatically activated, and placed as the last program visible in the display, when saved to the control unit. In order to move it to another position or to deactivate it, see section: Manage active program.

10.3.6 Symbol editor (Compass Pro)

Symbol editor is a simple tool to create or edit an existing symbol to be shown in front of the program name in the machine display.

- 1. Click Edit Symbol button in Write Program to machine dialog window.
- 2. If the program already has a symbol attached, this will be opened, otherwise the editor is empty.
- 3. Use the functions below to draw or edit the symbol, or open a saved symbol from your hard drive.
- 4. If you want to save it for future use, select ${\bf Save}$, and name the symbol.
- 5. By selecting Close editor, the symbol is saved to the present program, and the editor is closed.



- A. Undo change and Redo change.
- B. Pen tool. Left click adds pixel, right click removes pixel.
- C. Select. Select an area to copy or move. Shift + drag to copy, Ctrl + drag to move.
- D. Move. Moves all pixels in editor.
- E. Line and Circle tool. Left click to start, release to stop.
- F. Fill area.
- G. Clear all pixels.
- H. Invert pixels.
- I. Load a previously saved symbol.
- J. Save a symbol to hard drive.
- K. Close editor and save symbol to program.

10.3.7 Save to program device (Compass Control)

In order to save a program to a control unit, you must have connected your computer to a powered up machine. See section **Communication connection**.

1. Click the Write program to machine button in the toolbar.

2. Once the content of the available memory slots in the connected machine has been read, enter a program name, and additional information.

A. Name. Maximum approximately 14 characters, depending on language used. If you are using more than 10 characters, add a tilde character (~) to make the text wipe in from the right. The ~ will not be shown.

B. Short description. Maximum approximately 15 characters, depending on language used. This text will be shown as program information in the machine display.

C. Long description. Max. 7 lines with 20 characters per line. This text will be shown as program information in the machine display.

0	W475N -	COM8 / addr: 0]		•
Number	Name	Lock	Active	Creator
041	<empty slot=""></empty>			
042	<empty slot=""></empty>			
043	<empty slot=""></empty>			
044	<empty slot=""></empty>			
045	<empty slot=""></empty>			
046	<empty slot=""></empty>			
047	<empty slot=""></empty>			
048	<empty slot=""></empty>			
049	<empty slot=""></empty>			
050	<empty slot=""></empty>			
Number Name	041 NORMAL 60			A ^a Set lang
Short des	c. Normal 60 Color			
Long desc	Normal 60 with short extraction			Cancel
				20

3. If necessary, change the language in which your new program is to be shown in the machine display by clicking: **Set language** button.

 English (US) Codepage 1252 Program name preview NORMAL 60 Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction 	Supported languages in the machine
Codepage 1252 Program name preview NORMAL 60 Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction	English (US)
1252 Program name preview NORMAL 60 Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction	Codepage
Program name preview NORMAL 60 Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction	1252
NORMAL 60 Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction	Program name preview
Short description text preview Normal 60 Color Program free text preview Normal 60 with short extraction	NORMAL 60
Normal 60 Color Program free text preview Normal 60 with short extraction	Short description text preview
Program free text preview Normal 60 with short extraction	Normal 60 Color
Normal 60 with short extraction	Program free text preview
	Normal 60 with short extraction

Note!

Compass Control can handle a number of different languages. However, user made programs are always monolingual, and displayed in the language used in their configuration.

10.3.8 Symbol (Compass Control)

4. If you want a symbol to be shown in front of the program name, you can select one by clicking the **Set Symbol** button. There are a number of symbols to choose from. Select number according to the symbol library below. Symbols are fixed and cannot be edited. Text inside a symbol can be maximum 3 caracters and is only visible in symbols 0 and 1.

Set symbol	
Symbol settings Symbol (0-7 allowed)	
0	
Symboltext	
60°	
Do not show any symbol for this program	
OK Cancel	
	fig.W0039

Symbol library:

	0	1	2	3	4
l	U	\Box	6		⊎
	6				
	5				

5. Highlight the program slot in which you want to save your program. 10 slots are available for user made programs (41 to 50). If you select a slot where a program already is stored, it will be overwritten.

6. Click Write.

0		W475N - [COM8 / add	r: 0]		9	
Number	Nam	ie	Lock	Active	Creat	or
041	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
042	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
043	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
044	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
045	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
046	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
047	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
048	<en< td=""><td>npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot>				
이 049 이 050	<en< td=""><td>npty slot> npty slot></td><td></td><td></td><td></td><td></td></en<>	npty slot> npty slot>				
Number		041			A ^a Set lar	nguage
Name		NORMAL 60			U Set sy	/mbol
Short des	C.	Normal 60 Color				
Long desc	с.	Normal 60 with short extraction			Canc	rite el
		1.000				1.00/

Note!

A user made program will be automatically activated, and placed as the last program visible in the display, when saved to the control unit. In order to move it to another position or to deactivate it, see section: Manage active program.

11 Other

11.1 Converting an *lpf or *.wpf file to a different machine file

This is useful if you want to re-use a program that you have made for one machine model as a template when making a program for another machine model.

1. Go to Machine view and click "Open program from file".

Machine view	Favorites: Favorites 1	• +	-				
	Available machine types					Edit and	create programs
- North Contraction of the second sec	Clarus Control (153 available)				♦ ⁸³ ^		Create a new program
	▲ Compass Control (78 available)	1 1		1	\$ ⁸³		
	EX618 Compass	Wascomat F	Rev: 5	🔟 💮 🔟 2011-01-17 08:33:26	\$		Read program from machine
	EX625 Compass	Wascomat F	Rev: 4	🖬 💿 💷 2011-01-17 08:34:09	\$		Open program from file
	EX630 Compass	Wascomat F	Rev: 4	🖬 💿 💷 2011-01-17 08:34:36	\$		
Machine view	EX645 Compass	Wascomat F	Rev: 4	🖬 💿 💷 2011-01-17 08:35:36		8	Open program from database
-	EX660 Compass	Wascomat F	Rev: 4	🖬 💿 💷 2011-01-17 08:36:48	\$		
	EX677 Compass	Wascomat F	Rev: 4	🖬 💮 💷 2011-01-17 08:38:16	- 		
Card manager	EXSM 665 Compass	Wascomat F	Rev: 1	🖬 🔘 🔟 2011-01-17 09:37:50			
	EXSM680 Compass	Wascomat F	Rev: 1	🖬 🔘 🔟 2011-01-17 09:38:14	\$		
	SU620 Compass	Wascomat F	Rev: 2	🖬 🕥 🔟 2011-01-17 09:23:28	\$		
	SU620 Compass	Wascomat F	Rev: 4	🖬 🕥 🔟 2011-01-17 08:39:42	\$		
	SU625 Compass	Wascomat F	Rev: 4	🖬 🕥 🔟 2011-01-17 08:40:04	\$		
	SU625 Compass	Wascomat F	Rev: 2	🖬 🕥 🔟 2011-01-17 09:23:56	\$		
	SU630 Compass	Wascomat F	Rev: 2	🖬 🕥 🔟 2011-01-17 09:24:30	\$		
	SU630 Compass	Wascomat F	Rev: 4	🖬 🔘 🔟 2011-01-17 08:40:24	\$		
	SU640 Compass	Wascomat F	Rev: 5	🖬 💿 🔟 2011-01-17 09:51:06			
	SU645 Compass	Wascomat F	Rev: 2	🖬 💿 🔟 2011-01-17 09:26:28	会		
	SU655 Compass	Wascomat F	Rev: 4	🖬 💿 🔟 2011-01-17 09:51:48	会		
	SU662 Compass	Wascomat F	Rev: 2	🖬 🕥 🔟 2011-01-17 09:27:52	- -		
Connections	💢 All machines 💢 My Tavorites 🔱 Connec	leu machines		Scan for connected ma	achines		
(2 found)					cillies		

2. While pressing the "SHIFT" key, select the *.wpf or *.lpf file you want to open, and click **Open**. The **Select machine type** window will open, showing possible machine types to open the selected program with.

Note that it is not possible to convert between different control systems and not between a dryer and a washer or vice versa.

Image: Wight of the second	Doad program		×	
Organize V New folder Image: Construction of the second secon	Wy Laundry Programs		 Search My Laundry Programs 	
Image: Solution of the second seco	Organize 🔻 New folder			
File name: HEAVY SOIL 88.lpf Laundry program file (v6.0) (*.ly	★ Favorites 60° NORMAL W4180H.lpf Loundry Program 408 bytes >> Downloads HEAVY SOIL 88.lpf >> Libraries Documents >> Music E >> Music E >> Videos 1,02 KB >> Uotrores Videos >> Videos Videos >> Local Disk (C;) > >> MUSCTON (E:) >	85° NORMAL W4240H.Jpf Laundry Program 494 bytes NORMA295.Jpf Laundry Program 1023 bytes	HEAVY SOIL 85.1pf Laundry Program 1,02 KB	
	File name: HEAVY SOIL 88.lpf		Laundry program file (v6.0) (*.1; ▼	

3. From the **Select machine type** window, select the machine model you want to convert the program to, and click **OK**.

Select machine type						
Available machine types						
Compass Pro (7 available)						
W 575H	Electrolux	Rev: 0	🖬 🔘 🛄 201	12-08-20 16:21:00	☆ <u>C</u> ancel	
W565H	Electrolux	Rev: 0	🖬 🕥 🛄 201	12-08-20 16:2 <mark>4:</mark> 19	*	
W555H	Electrolux	Rev: 0	🖬 🕥 🛄 201	12-05-25 10:21:10	*	
W5240H	Electrolux	Rev: 0	🖬 🔘 🛄 201	12-08-24 15:10:47	*	
W5180H	Electrolux	Rev: 0	🖬 🔘 🛄 201	12-09-07 14:10:51	*	
W5130N	Electrolux	Rev: 0	🖬 🕥 🛄 201	12-08-20 16:29:52	*	
W5105N	Electrolux	Rev: 0	🖬 🕥 🛄 201	12-08-20 16:28:07	*	
All machines 👉 My favorites			5			
			S S	can for connected mad	hines	
						fia.\

Now you will have two warning messages.

The first will inform you that some minimum or maximum values for the machine are exceeded, and the second informs you that the program is opened with a machine file that the program was not created for.

Note!

The program will automatically be adjusted so that values are within limits, but parameters might need to be changed in order to achieve the optimal result and function. It is recommended that you check all parameters in the program before using it.





Once the warning messages are confirmed, the program will open with the new machine file.

The lower section of the Program editor pane shows all parameters that have been changed in order to conform to minimum or maximum values for the new machine file. When you save the program, these new values will be used in the program.

Program editor	Save program to file	Write program to machine Manage active program	ns 🛛 🛃 Erase programs	× Close
	Sequence database	HEAVY SOIL 88		My program
1	🧊 Database manager 🗐 🎽	🔋 📎 Revert to default value 🐜 Undo change		📁 🖂 🐚 🔤 🖓
	🔻 🧕 Default data	₽0 - Head		HEAVY SOIL 88
	🥪 Head	Count weight	🔽 On	🗐 😺 Head
	Prewasn Mainwach	Start Extraction	Off	Mainwash
	Rinse	Buzzer at Program end	🔽 On	Mainwash
Marshing	Pre-Rinse	Powder, flush valve from wash program	🔽 On	Mainwash
Machine view	▶ 🔲 Soak	Liquid, flush main cold water valve	🔽 On	► Ш Mainwash
-	* Cool	Motor action 1 on time. CW	00:06	Drain
07	Drain	Motor action 1 on time. CCW	00:06	O Extraction
	End	Motor action 1 off time	00:18	► III Drain
Card manager		Motor action 2 on time CW	00:15	
		Motor action 2 on time CCW	00:15	🕨 🛗 Rinse
		Motor action 2 off time	00:04	🕨 🛃 Drain
		Motor action 3 on time. CW	00:08	Extraction
Program editor		Motor action 3 on time. CCW	00:08	s End
		Motor action 3 off time	00:07	
		Motor action 4 on time. CW	00:00	
		Motor action 4 on time, CCW	00:00	
	Sequence information	Motor action 4 off time	00:03	Current Program (516 Bytes)
	Name -	Motor action 5 on time, CW	00:00	21%
	Size -	Motor action 5 on time, CCW	00:00	
	🏢 Default data	HEAVY SOIL 88		HEAVY SOIL 88
	≧			
	중 우 Data	Loaded Changed to		
/	🗄 🗄 1 - Mainwash(1)			
	Motor Speed During	Heating (Rpm) 54 48		
	Motor Speed During	y Wash (Rpm) 54 48		
Connections	- 2 - Mainwash(2)	Heating (Dam) 54 (P		
	Motor Speed During	ricoung (April) 24 40		

11.2 Manage active programs (Compass Control and Compass Pro)

This functionality is implemented in later versions of Compass Control software. See section: **System requirements**. Manage active programs allows you to activate, deactivate and arrange the order of appearance for the programs in the display. From **Machine view** select a connected machine and click **Manage active programs on machine**.



A. In the left column all available programs in the machine are shown, together with information which programs are active.

B. In the right column the active programs list in machine is shown, numbered in the order they will appear in the machine display.

C. By selecting a program in left column and clicking **Add to active program list**, the program gets activated. You can also click left mouse button and drag over a program from left column to right column.

D. By selecting a program in right column and clicking **Remove from active program list** the program gets deactivated. You can also double click the activated program to deactivate it.

E. Select an activated program and click Arrow up or Arrow down to reorganize the order of active programs.

F. By clicking the buttons **Show factory made programs** and/or **Show customer made programs** you can sort out the programs you want to see in **All programs in machine**.

G. Before changes will take effect you will have to write them to Compass Control by clicking the button **Write** changes to machine.

11.3 Copy a memory card (Clarus Control)

This functionality is used to duplicate a Clarus Control memory card. From **Card manager** select the card reader with the card that you want to duplicate and click **Copy Card**.

1. Click the **Read data from card** button. All data stored on the source memory card will be copied to the computer memory.

Note!

It is not possible to copy a hard locked memory card.

2. Remove the source card from the reader and insert a new empty target memory card.

Note!

Any programs on the target memory card will be overwritten.

3. Click the **Write data to card** button. All data copied from the source memory card will now be written to the target memory card.

4. To make multiple copies repeat steps 2 and 3. A counter keeps track of the number of copies made.

C Make card copies	
Reader: 🥺 Electrolux ELS WPM Card Reader 0 👻	
Read data from card	
0%	
Target	
Write data to card	
0%	
Written 0 times	
Close	
	fiq

11.4 Format a memory card (Clarus Control)

This functionality is used to remove all data from a Clarus Control memory card. From Card manager select the card reader with the card that you want to format and click **Format Card**.

1. A message appears warning you that all data on the memory card will be lost during formatting.

2. If you want to continue wit the formatting process, click Yes. To abort the operation, click No.

Format card	
Are you sure you want to format the card? All programs will be lost!	
Yes No	
	fig.W00401

11.5 Locking a memory card (Clarus Control)

There are two ways of locking a memory card, **Lock** and **Hardlock**. From **Card manager** select the card reader with the card that you want to lock and click **Lock** or **Hardlock**.

1. Lock. Locking a memory card allows you to protect it from being overwritten.

A locked card can be unlocked using the function **Unlock**. Confirm by clicking **Yes**.

Change lock on card	
Are you sure you want to lock the card?	
	fig.W00402

2. Hardlock. Hardlocking a memory card allows you to protect it from being overwritten and copied.

Note!

A hardlocked card can not be unlocked or copied.

Confirm by clicking **Yes**, or **No** to abort the operation.

Change lock on card	
Are you sure you want to hardlock the card? You will not be able to open the card for reading again!	
Yes No	
	tig.W00403

12 Trouble shooting

12.1 Warning message when opening a program

Warning message when opening a program from a program device, *.lpf or *.wpf file.

This warning message indicates that the program you just opened has parameters set outside the limits stated in the selected machine file. This can happen if a machine file has been updated since the program was created, or when opening a program with a different machine file than the program was originally made for.

Warning	
Some values, in the program you just opened, exceeds the min or max limits for current machine. To keep these new values the program must be saved. Close without saving if you don't want to keep the changes.	
OK	
	fig.W00396

LPM has adjusted all parameters to fit within the limits. You should always check that the values are acceptable before you save the program again.

A list of the values automatically changed, is shown in the lower part of LPM window. You can toggle this view on and off by clicking the **Show auto changed values** button (A).

rile Edit Program	setungs window Help			
Program editor	Save program to file	Write program to machine Manage active progr	rams Erase programs	× Close
	Sequence database	HEAVY SOIL 88		My program
-0	📁 Database manager 🗐 🖄	Revert to default value Sa Undo change		🥥 Add - 🔯 🔬 🔬
	▼ O Default data	0 - Head		► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ► ►
	Head	Count weight	🕼 On	III Mainwash
ä	Mainwash	Start Extraction	Coff Off	Mainwash
9	Rinse	Buzzer at Program end	🖾 On	► 🛄 Mainwash
Machine view	Pre-Rinse	Powder, flush valve from wash program	🕼 On	Mainwash
	Soak	Liquid, flush main cold water valve	🖉 On	Mainwash
A	► V Cool	Motor action 1 on time, CW	00:06	Urain Orain
PP		Motor action 1 on time, CCW	00:06	Binse
-	🗾 End	Motor action 1 off time	00:18	Drain
Card manager		Motor action 2 on time, CW	00:15	Bxtraction
		Motor action 2 on time, CCW	00:15	► 📋 Rinse
		Motor action 2 off time	00:04	Drain Destruction
		Motor action 3 on time, CW	00:08	End
Program editor		Motor action 3 on time, CCW	00:08	
		Motor action 3 off time	00:07	
		Motor action 4 on time, CW	00:00	
		Motor action 4 on time, CCW	00:00	
	Sequence information	Motor action 4 off time	00:03	Current Program (516 Bytes)
	Name - Size -	Motor action 5 on time, CW	00:00	21%
		Motor action 5 on time, CCW	00:00	
	🏢 Default data	HEAVY SOIL 88		HEAVY SOIL 88
	E Print changed values			
	C Data	Loaded Changed to		
1	📴 🗉 1 - Mainwash(1)			4
2	Motor Speed Durin	g Heating (Rpm) 54 48		4
~	Motor Speed Durin	g wasn (kpm) 54 48		
Connections	X Motor Speed Durin	a Heating (Rpm) 54 48		
		g reading (riprity		

Note!

The program must be saved in order for the adjusted values to apply. This includes automatically changed values as well as changes that you have made manually.

12.2 Machine files not shown in Machine view

Make sure you see a number of available machine files to the right of each headline (A).

1. In order to see the available machine files it might be necessary to click the arrow to the left of the headline (B).

2. If you have some machine files available, but not all that you expect, please go to ELS webpage and download latest version of LPM and update your installation. This will include all presently available machine files as well as updated ones.

3. If you still can not see any machine files, make sure you have the correct search path stated in the **Settings** menu under **Directories**. Open an explorer window and navigate to the stated directory, and make sure the machine files are there. Machine files have a file extension *.mac.

4. If you can not find the *.mac files, try re-installing LPM according to instructions in section: Installing LPM.

5. During installation of LPM, make sure you include the correct brand names for the machine files you want to use. See section: **Installing LPM**.

ELS Laundry Progra	im Manager 🖉			
File Edit Settings V	Vindow Help			
Machine view	Favorites: Favorites 1 +	-		
	Avaivable machine types		Edit and	create programs
≦ a	E Clarus Control (165 available)	◆ ²³	^	Create a new program
	Compass Control (79 available)	● ³		
	Compass Pro (21 available)	♦ ¹³		Read program from machine
Õ				Open program from file
Machine view				Open program from database
Connections (1 found)	All machines 😧 My favorites 🔘 Connected machines	Scan for connected machines	*	
Connections (1 found)	All machines 😿 My favorites O Connected machines	Scan for connected machines	×	

12.3 Not possible to read programs from Clarus Control memory card

This can be caused by:

1. The card being incorrectly inserted, upside down or poor contact in the card reader. Try removing the card from the reader and re-insert it.

2. The Card reader is incorrectly configured or not detected by the computer's operating system. Make sure the Electrolux ELS Card reader driver is correctly installed and up to date, and that the card reader is connected to the USB port before LPM is launched. When the card reader is connected the LED at the USB symbol should be lit, and when a card is inserted the LED at the card symbol should be lit. Try removing the card reader from the USB connection on your computer and the card from the reader. Close LPM application. Wait one minute before you connect the USB cable again. Start LPM, insert the card into the reader, and try again.

3. Wrong driver or driver incorrectly installed. Uninstall the card reader using **Device manager** and reinstall the card reader driver. See section: Installation of drivers.

4. LPM does not recognize the card reader. Unplug the reader from your computer, wait one minute and reconnect it. If none of the above procedures corrects the problem, the card is probably defective. Try formatting the card or replacing the card. If you format the card, all data held on the memory card will be lost. If the problem is still present, the card reader may be defective and needs to be replaced.

Note!

Never try to use any other card reader than the original Electrolux ELS Card reader.

12.4 User made programs disappear after software update

When machine software is updated, all user made programs will become inactive. User made programs are saved on memory slots 41 to 50 on Compass Control and on slots 41 to 55 on Compass Pro.

In order to activate them again, follow steps in section: Manage active programs.

Note!

If you choose to delete user made programs during machine software upload, they will be permanently lost. Refer to ELS Common Service Tool manual.

12.5 The program device does not support the language you selected

This message appears when you try to upload a program to a program device if the language you select in the **Edit name / free text** dialog in **Program editor**, is not supported by the software in the program unit.

To be able to upload the program, you must use a language that is supported by the program device when you write text in the Program texts dialog,

Click **Set language** and select a language from the list. The list only contains languages that are supported by the program device.

Number Name Lock A Image: Odd of the second	Active Creator	E
Image: Solution of the second seco	Image: Second state Image: Second state Imag	E
Q 042 NORMAL 72 Q 043 HEAVY SOIL 85 Q 044 HEAVY SOIL 80 Q 045 HEAVY SOIL 60 Q 046 LIGHT SOIL 30 Q 047 LIGHT SOIL 35 Q 048 LIGHT SOIL 45 Q 049 HEAVY SOIL 85 Q 050 MACHINE CLEAN	Image: Second state Image: Secon	E
Q 043 HEAVY SOIL 85 Q 044 HEAVY SOIL 80 Q 045 HEAVY SOIL 60 Q 046 LIGHT SOIL 30 Q 047 LIGHT SOIL 35 Q 048 LIGHT SOIL 45 Q 049 HEAVY SOIL 85 Q 050 MACHINE CLEAN	Image: Second state	F
Image: Solution of the solution	Image: Second state Image: Secon	
Image: Solution of the solution	Image: Second secon	
Image: Constraint of the state of the s	✓ S User ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	
Image: Constraint of the second se	✓ ✓ </td <td>-</td>	-
Image: Constraint of the second se	Active SUser	-
Image: Solution of the second seco	Active SUser	+
Image: State of the state	Active 🕵 User	-
The machine does not support the language you are of Number	using, please change!	
Short desc. EMPTY DRUM	A ^a Set langu	uage nbol
Long desc.	Cancel	te

12.6 Driver for ELS Compass Pro or ELS LPM Card reader is not installed

Note!

You need to have administrator rights to install the drivers.

If the driver installation according to section: **Installing drivers** fails, it might be necessary to follow the below steps to re-install them.

Open Device manager on your computer and double click the ELS Compass Pro under **Universal Serial Bus Con**trollers or the ELS Card reader under **Smart card readers**.

In the Properties window, select the Driver tab and click Update driver

In the **Update Hardware Wizard**, select **No**, **not this time** when asked if you want to use Windows Update to search for a driver. Instead, select "Install from a specific location" and browse to the folder "**C:\Program Files\Electrolux \ELS Laundry Program Manager\Drivers\CardReader**" for ELS Card reader driver and to "**C:\Program Files\Electrolux\ELS Laundry Program Manager\Drivers\CompassProUSB**" for the ELS Compass Pro driver.



Browse For Folder
Select the folder that contains drivers for your hardware.
Common Files Electrolux Ele
🤒 amd64 👻
Folder: CompassProUSB
fig.W00408

Click Next or Finish on the next few screens, until your driver is installed.

12.7 Not possible to write program to machine

From **Program editor**, when you have made a program for a Compass Control or Compass Pro, it can be written to the machine under certain circumstances. If the buttons **Write program to machine**, **Manage activate programs** and **Erase programs** are not active, it is not possible to perform any of these actions. This can be due to different reasons.

ELS Laundry Program	Manager 6 - [W555H/NORMA	L 80]					
File Edit Program Settings Window Help							
Program editor	Save program to file	Write program to machine	Manage active programs	Erase programs			
	Sequence database	ORMAL 80					
				fig.W00414			

1. The machine must be connected and scanned in LPM. See section: **Scanning for connected machines**.

2. If the green connection symbol is not shown in front of the relevant machine model in the **Machine view**, press the **Scan for connected machines** button.

3. If this does not help, remove the adapter cable or USB cable for ten seconds, and then connect it again. Press the **Scan for connected machines** button and check in the **Port scan log** under **Connections**, that a machine is found. Make sure that it is of the same model as the machine file used in the program.



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