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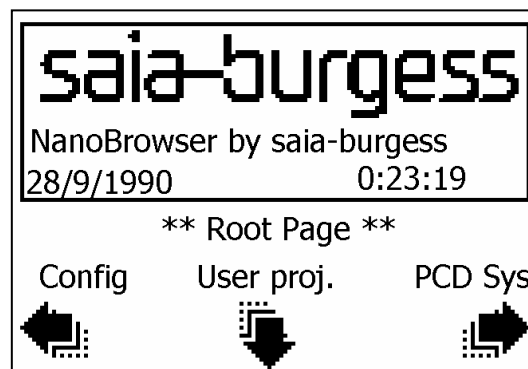 T +41 (0)26 672 71 11 I F +41 (0)26 672 74 99 I www.saia-pcd.com

Saia®PCD eDisplay with Nano-Browser
PCD7. D3100E

Quick start and Demo User project based on the eDisplay.

Revision No.	Description	date
V 01		07.12.09

Quick start by using demo project

1. **Demo "User project"**

1.1. **Material**

1.1.1. *Hardware:*

- PCD2.M5 **HW from C1**
- PCD7.D3100E eDisplay **HW B**

Installing: see User's guide 26/870 chapter 2

1.1.2. *Firmware:*

- PCD2.M5xxx Firmware version: from **1.10.40**
- eDisplay Firmware version → from **0.54 ***

- Upgrade the Firmware version of the PCD2 by the normal way

From FW version 047 to version 054*
* Upgrade old eDisplay firmware version (047)
- You need the PG5 2.0 Firmware downloader to upgrade the eDisplay

If you don't have PG5 2.0 license , you may download the firmware downloader as Stand alone tool.
→ See the support site (public Area).

* FW 054 is the official release version (053 can also be used)

1.1.3. *Software:*

- Web editor **5.14.27 version is necessary.**
If you are a new user of the web-editor tool, the version for programming eDisplay is with free license

1.1.4. *User Project*

Name of the user project (backup): Project Demo_project_eDisplay_5_14_27_xxxxxxxxx.zip
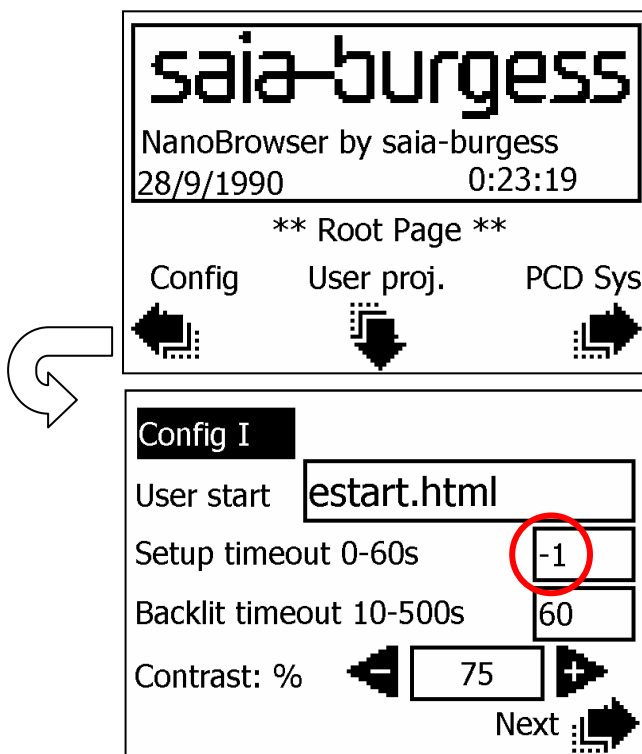
- PG5 **2.0 is necessary to run the demo project.**

1.2. A - Make the demo with eDisplay only (simpler)

1.2.1.What's the drill?

1) Update the PCD2 firmware: 1.10.40

2) Install the eDisplay on the PCD2. See the User's guide 26/870 chapter 2

3) Power on the PCD2

4) The eDisplay displays during some second the Firmware version of the eDisplay then the 'ROOT PAGE' of the setup menu and after 5 sec (default timeout), it starts the user project. For a right demo effect, we suggest changing this default value. (see the next IMPORTANT point)

IMPORTANT → If you want to avoid an automatic start to the user project after a timeout of 5 seconds, you have to adapt the setup timeout parameter of the CONFIG 1 view . Change the default value '5' by '-1' (minus one) and save this new value (save and quit) The timeout becomes infinite and the demo user project starts only by pressing on the User proj. arrow.
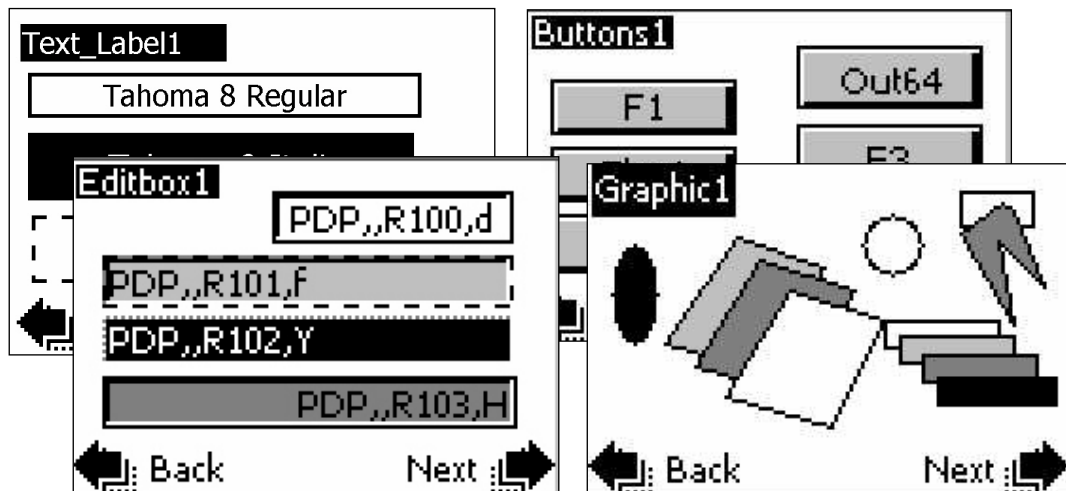

5) Update the firmware version of the eDisplay if need. (See chapter 1.1.2: firmware)

6) Switch off and on the PCD2.

7) Demo is ready

1.2.2. *Demo itself*

The user project allows navigating among the numerous pages of the projects and therefore allows the wide of possibilities.

Bargraphs1.teq Bargraphs2.teq 6	bargraphs
Buttons1.teq Buttons2.teq 2	Action buttons
Editbox2.teq Editbox3.teq 3 Editbox5.teq Editbox6.teq Editbox7.teq	Edit box
Graphic_Images1.teq Graphic_Images2.teq 5 Graphic_Images3.teq	Graphics and monochrome .bmp images
Macros1.teq Macros2.teq Macros3.teq Macros4.teq 7 Macros5.teq Macros6.teq Macros7.teq	Some macros
Main1.teq Main2.teq 1	Main pages for navigation
MsgBox.teq Text_Label1.teq Text_Label2.teq Text_Label3.teq 4 Text_Label4.teq Text_Label5.teq Text_Label7.teq	Texts with different fonts and styles

Examples:

Text_Label1

Tahoma 8 Regular

Buttons1

F1   Out64

F3

Editbox1

PDP,,R100,d

PDP,,R101,f

PDP,,R102,Y

PDP,,R103,H

◀ : Back   Next : ▶

Graphic1
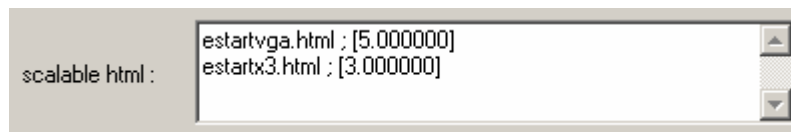
◀ : Back   Next : ▶

1.3. B - Make the demo with the eDisplay + displayed the demo user project on your PC.
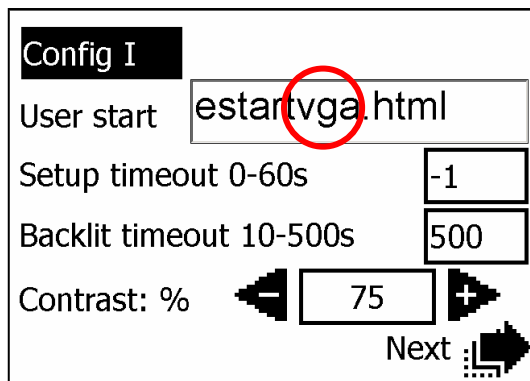
It is possible to display (to browse) the demo user project (and the setup menu pages) on a PC.
- x2 scalable html files are generated in this demo user project.

> **estartvga.html**   (scale 5:1)
> **estartx3.html**   (scale 3:1)

scalable html :

    estartvga.html ; [5.000000]
    estartx3.html ; [3.000000]

- use one of those scalable html files to browse the pages of the project on your PC.

Config I

User start	estartvga.html
Setup timeout 0-60s	-1
Backlit timeout 10-500s	500
Contrast: %	◀ 75 ▶
	Next

Why the pages are enlarges on a PC and not on the Edisplay?

Explanation:
- The Nanobrowser does not understand the part of the html code regarding the scaling and displays therefore correctly the page with the default scaling factor 1.1

- In opposition, the Browser understands the part of the html code regarding the scaling and displays the page with the scaling factor.

Internet explorer:
http://IP address of the PCD2/**estartvga.html**
allows to display, in VGA resolution, all the pages of the demo project
The Demo user project is compile with the web-editor version 5.14.27: → copy IMasterSaiax_5_14_27.jar into the flash module PCD7.R550xxx. (If the demo project is recompile with an other version of Web-editor, copy the The IMasterSaia5_x,xx.jar version corresponding to the web-editor version. (IMasterSaia5_ .jar must always be corresponding to the web-editor version)

http://IP address of the PCD2/**saiaedsetupvga.html** (or direct jump from demo user project to the setup menu)
allows to display, in VGA resolution, all the pages of the setup menu and jump directly to the demo user project with VGA scaling factor.
The setup menu is compile with the web-editor version 5.14.27: → copy IMasterSaiax_5_14_27.jar into the flash module PCD7.R550xxx. (The IMasterSaia5_x,xx.jar version must always be corresponding to the web-editor version)