

Door Entry Systems Station Manager Software

Description • Installation • Operation

06/2012



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The software

The **Station Manager Software** is used to configure Portier display modules (Art. No. 1 8791) at door stations that are part of a TwinBus system. The software allows you to manage subscribers, update texts, and adjust the settings of the display modules.



Note:

The **Station Manager Software** cannot be used to program bell buttons.

The bell buttons (of the display module) are programmed in the same way that is used for the TwinBus process (see current edition of the TwinBus system manual). When programming the display module, select the corresponding name using the [↑] [↓] buttons instead of the bell button before pressing [OK] to confirm.

Installation

- ▶ Insert the data carrier containing the installation file into the drive.
- ▶ Should the installation process not start automatically, execute the file **Setup.exe** stored on the data carrier.

System requirements

| | |
|---------------------------|-------------------------------------|
| Operating system | Windows XP SP2 or later / Vista / 7 |
| Available hard disc space | 10 MB |
| RAM | 1 GB |
| Processor | 1 GHz |

Getting started

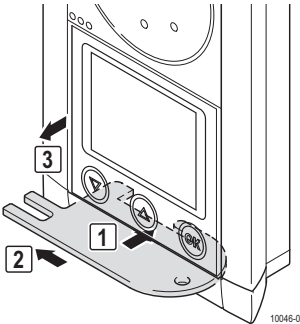
Establishing the connection

Operating the **Station Manager Software** does not necessarily require a connection to the display module. However, the changes you made cannot be transferred unless the display module is connected ("*Transferring data*"– P.11).

Connecting the display module directly to the PC

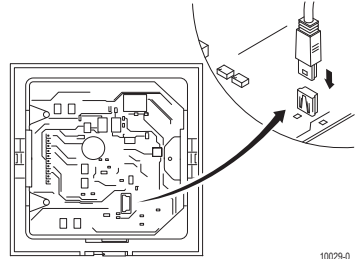
A direct connection to a PC or laptop requires that the display module be removed from the door station.

- ▶ Release the retaining mechanism on the display module using the release card inside the door station.
- ▶ Take the display module out of the door station.
- ▶ Remove the protective cover from the USB port on the rear of the display module.
- ▶ When you are finished programming, slip the protective cover shielding the UBS port back on.



- Use the included USB cable to connect the display module with the PC or laptop on which the **Station Manager Software** has been installed. The USB port is located in the bottom right corner on the rear of the display module.

The status bar of the **Station Manager Software** shows **Display module connected**.



Connecting the display module to the PC via the programming adapter

If your system is equipped with a programming adapter, you can use this adapter to program the display module while it is installed at the door station.

- Use a USB cable to connect the PC or laptop on which the **Station Manager Software** has been installed with the programming adapter.

The status bar reads **Programming adapter connected**.



Note:

Each display module requires its own programming adapter. If your system is equipped with more than one display module, make sure you connect your PC or laptop to the correct programming adapter.

Launching the program

To launch the program, double-click on the **Station Manager Software** icon on your desktop or go to **Start → All Programs → Schneider Electric → TwinBus** and select the **Station Manager**.



Note:

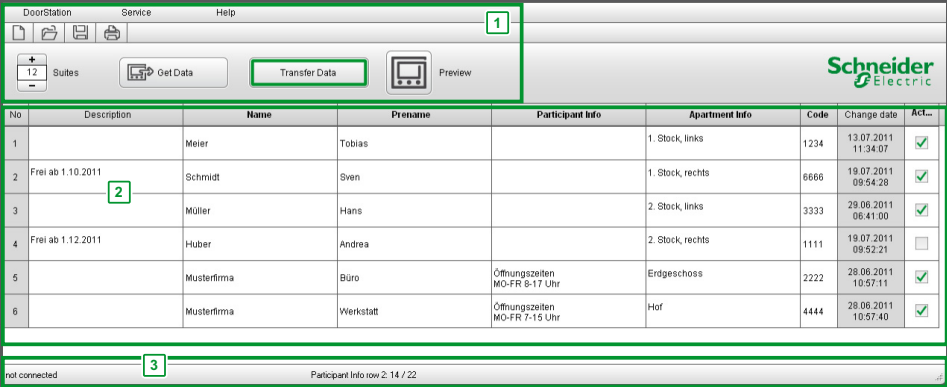
While starting up, the program will prompt you to create a new project or open an existing project ("*Project*"– P.6).

Help

- Select **Help → Station Manager Help**.

A PDF file opens in the designated application.

User interface











The user interface can be grouped into the following sections:

- 1. **Menu and shortcuts**
Shortcuts allow you to directly select the menu commands that you need most frequently.
- 2. **Configuration data**
You can use the configuration data to edit the required information about the subscribers of the respective door station.
- 3. **Status bar**
The status bar shows the connection status, the characters remaining in the input field, and the data and time of the last changes.

Shortcuts

Most shortcut commands can also be selected via the menu. The chapters describing project and configuration explain the function and application of the commands in more detail.

| | |
|---|--|
|  | Create new project |
|  | Open existing project |
|  | Save all project changes |
|  | Print subscriber list of current project |
|  | Add subscriber / apartment |
|  | Remove subscriber / apartment |
|  | Read display module data |
|  | Preview current configuration |

Project

Before you can apply the configuration of a system, you need a project to which the data of the display module will be saved.




Note:


You cannot edit more than one project at the same time:

If you have already opened a project, you will be prompted to save this project before you can create or open another project. The project will be save under its current file name. If you want to save the project under a different name, you must specify a name and save it manually (*"Saving a project"*– P.6). The current project will be closed automatically when it has been saved.

Creating new project

- ▶ Click on the shortcut  or select **Project** → **New** from the menu.

Opening a project

- ▶ Click on the shortcut  or select **Project** → **Open** from the menu.
- ▶ Select a previously saved project.


Reading data



Note:

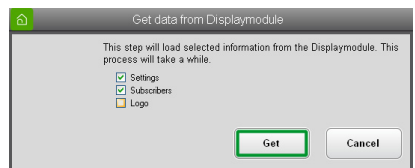
The data stored in an open project of the **Station Manager Software** will be overwritten by the data that is selected to be read!

If you are uncertain whether the data in the **display module** or in the **Station Manager Software** is up to date, create a new project before reading the data (*"Creating new project"*– P.6) and save it under a new name. Now, compare the data contained in both projects. This allows you to avoid overwriting the up-to-date data with older data.


- ▶ Click on the shortcut  or select **Service** → **Read data** from the menu in order to load data directly to the connected display module.
- ▶ If a project containing data is already open, you can select which data you wish to read (settings, subscriber list, start screen).
- ▶ Click on **[Read]**.

The selected data is read.

Once the subscribers have been read, the corresponding configuration data is displayed in the **Station Manager Software**.



Saving a project

- ▶ Click on the shortcut  or select **Project** → **Save** from the menu in order to save all changes you made to the project.
- ▶ Select **Project** → **Save as...** from the menu in order to save the project under a different name.



Note:

The Station Manager Software will suggest a file name when you **Save** a new project or save it using the **Save as** option:
StationManager_20110713.cfg

The series of numbers at the end of the file name indicates the date when the file was saved last in the format **Year-Month-Day**. The file ending must be **cfg**.

Closing a project

- ▶ Select **Project** → **Exit** from the menu to exit the **Station Manager Software**.

Printing the subscriber list

- ▶ Click on the shortcut or select **Project** → **Print** from the menu in order to open the print menu.
- ▶ Use the drop-down menu to select the desired printer and set the number of copies you want to print. To edit your printer configuration (e.g. select paper feed), click on **[Settings]**.
- ▶ Click on **[OK]**.

Configuration

This section explains the basic steps necessary to adjust the configuration. This section also covers the individual commands listed in the menus and their respective shortcuts.

Adding subscribers

Since it identifies the subscriber in the system, the serial number of the subscriber cannot be altered.

- ▶ Click on the shortcut to add a subscriber.

An additional line is added at the end of the subscriber list. Inserting lines between existing lines is not possible.

You can also adjust this setting directly at the display module ("*Manual configuration directly at the display module*"– P.12).

| No | Description | N |
|----|-------------------|---------|
| 1 | | Meier |
| 2 | Frei ab 1.10.2011 | Schmidt |
| 3 | | Müller |



Note:

A maximum of 500 subscribers can be created.

Removing subscribers

- ▶ Click on the shortcut to remove the last subscriber from the list.

The last entry on the subscriber list will be removed.



Note:

It is not possible to delete individual subscribers from the list or add new entries to the existing subscribers. This would affect the serial numbers of the remaining subscribers ("*Adding subscribers*"– P.7).

Editing subscribers

You can either enter new data in blank fields or modify existing data.

| No | Description | Name | Prenome | Participant Info | Apartment Info | Code | Change date | Act... |
|----|-------------------|-------------|---------|-----------------------------------|------------------|------|------------------------|-------------------------------------|
| 1 | | Meier | Tobias | | 1. Stock, links | 9998 | 27.06.2011 13:55:38 | <input checked="" type="checkbox"/> |
| 2 | | Schmidt | Sven | | 1. Stock, rechts | 6666 | 27.06.2011 12:56:45 | <input checked="" type="checkbox"/> |
| 3 | | Müller | Hans | | 2. Stock, links | 3333 | 27.06.2011 12:56:47 | <input checked="" type="checkbox"/> |
| 4 | Frei ab 1.12.2011 | Huber | Andrea | | 2. Stock, rechts | 1111 | 28.06.2011 10:58:45 | <input type="checkbox"/> |
| 5 | | Musterfirma | Büro | Öffnungszeiten: MO-FR 8-17 Uhr | Erdgeschoss | 2222 | 28.06.2011 10:57:11 | <input checked="" type="checkbox"/> |

Description

- Enter the descriptions or information of your choice.
The text you enter will not be transferred to the display module.

Names



Note:

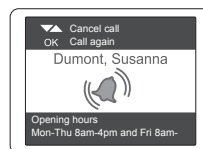
The field **Name** must always be completed as all subscribers are displayed in alphabetical order on the display module ("*Display mode*"– P.9). A **First Name** is not necessarily required, e.g. when managing companies.

- Enter the name and, if applicable, the first name of the respective subscriber.
You can also adjust this setting directly at the display module ("*Manual configuration directly at the display module*"– P.12).

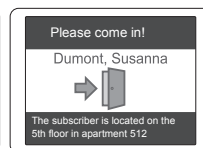
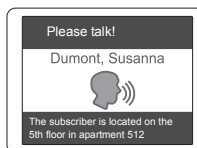
Information about subscriber and apartment

You can store individual information for every apartment / every subscriber.

- Enter no more than 2 lines of text composed of 22 characters each into the field **subscriber info**.
The text (e.g. opening hours) will be displayed while the phone is ringing.



- Enter no more than 2 lines of text composed of 22 characters each into the field **apartment info**.
The text (e.g. floor, apartment number) will be displayed when the call is answered or the door is opened.



Code (can only be used in connection with the coding module)

- To assign a code to a subscriber, you must click the **Code** field in the **Station Manager Software** once. You will then be shown a pull-down menu that lets you check and set the DIP switch setting of the coding module (e.g. 1 8764..). Once you have confirmed your input, you can enter a combination of numbers.
If the DIP switch is set to **ON** or **1**, you can enter number combinations between 1...799999 and 1...9999, respectively.



Note:

The coding module is not included with your shipment of the display module.



Note:

When the code data has been successfully transferred to the display module, the bell button must be programmed before the code can be used.

Enabled

If you no longer want to display a specific subscriber at the display module (e.g. if the subscriber has moved out), you can disable that subscriber. All information will remain stored in the display module, but no longer displayed.


You can re-enable the subscriber (e.g. if the subscriber moves back in) at any time.

- ▶ Tick the check box **Enabled** for all subscribers that are supposed to be displayed on the display module.

You can also adjust this setting directly at the display module (*"Manual configuration directly at the display module" – P.12*).

- ▶ Open the menu **Project** → **Enable all** or **Project** → **Disable all** if you want to, respectively, enable and disable all subscribers at the same time.

Preview

- ▶ Click on the shortcut [- ▶ Click on [**Close**] to exit the preview.

Settings

- ▶ Open the menu **Service** → **Settings**.
- ▶ Click on [**OK**] when you are finished adjusting the desired settings.
- ▶ Click on [**Cancel**] if you want to discard the changes you made.



Note:

All changes will not take effect until the data has been transferred to the display module (*"Transferring data" – P.11*).

Changing the language

- ▶ Select the preferred language. You can select between German / English / French / Italian / Dutch / Spanish / Finnish / Danish / Swedish / Norwegian / Greek / Polish / Turkish

Display mode

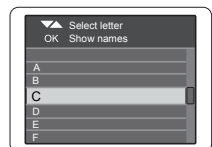
- ▶ Select from the following options:

1. Call up name list

The display shows all subscribers in alphabetical order sorted by their last name.

2. Initials

The display shows the initials of all last names. After selecting the desired letter, you will be shown a list containing matching names. Particularly useful for a system handling several subscribers.



Font size

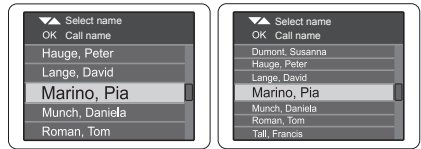
- Select from the following options:

1. Standard

The display can show 7 names at the same time.

2. Large

The display can show 5 names at the same time.



Colour scheme

- Select between Dark / Bright / Green / Blue / Red

The menu items of the display module will adopt the colour scheme you selected.

You can also adjust this setting directly at the display module (*"Manual configuration directly at the display module"– P.12*).

Start screen

You can customise the pre-set start screen to your requirements (e.g. company logo).

- Click on **[Select image]** to set up your own start screen at the display module.

The image must meet the following criteria:

Image size max. 320 W × 180 H pixels

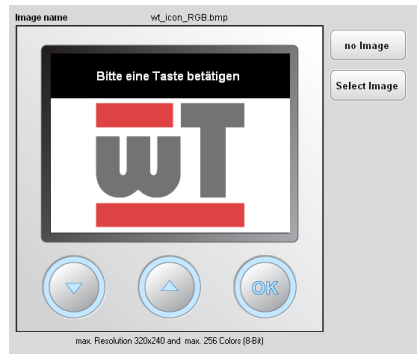
256 colours (8-bit)

File format .bmp

File size max. 153,600 bytes (approx. 150 KB)

You will find several included start screens in the folder **Images** which is located in the installation directory of the **Station Manager Software**.

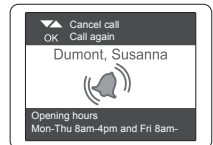
- Click on **[no image]** to display a blank standby screen on the display module.



Visual call signalling

- Specify for how long the "ringing" status is supposed to be indicated on the display (5-60 seconds).

The display will switch back to the list of names when the set time period has elapsed.



Language - display module

- Set the language you want the display module to use. You can select between German / English / French / Italian / Dutch / Spanish / Finnish / Danish / Swedish / Norwegian / Greek / Polish / Turkish

You can also adjust this setting directly at the display module (*"Manual configuration directly at the display module"– P.12*).

Coding module

- Specify to which position the DIP switch of the coding module (available separately) has been set (see also *"Code (can only be used in connection with the coding module)"– P.8*).

**Note:**

DIP switch **1** = no more than 4 digits (up to 9999)

DIP switch **ON** = no more than 6 digits (up to 799999)

The DIP switch settings **ON** and **1** at the coding module are not compatible. When changing the DIP switch setting of the coding module, you must re-program the subscriber(s).

For more information about the coding module, refer to the operating instructions provided for the coding module.

Changing the PIN

The PIN set at the factory is **0369**. We urge you to change this PIN as it is also possible to make changes directly at the display module without the need to use the **Station Manager Software** (*"Manual configuration directly at the display module"– P.12*).

- ▶ Enter the current PIN.
- ▶ Enter a new PIN.
- ▶ Re-enter the new PIN.
- ▶ Click on **[Change]**.

Transferring data

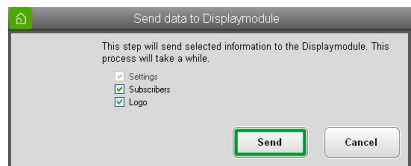
**Note:**

The data stored on the **display module** will be overwritten when the selected data is transferred to the device!

If you are uncertain whether the data in the **display module** or in the **Station Manager Software** is up to date, read the data into a new project (*"Creating new project"– P.6*, *"Reading data"– P.6*) and save it under a new name. Now, compare the data contained in both projects. This allows you to avoid overwriting the up-to-date data with older data.

When you are finished adjusting the configuration for your project, you must transfer the data to the display module.

- ▶ Click on the shortcut **[Transfer data]** or select **Service → Transfer data** from the menu.
- ▶ Select which data (settings, subscriber list, start screen) you wish to transfer.
- ▶ Click on **[Submit]**.
- ▶ Enter the PIN and click on **[OK]** to confirm (only necessary when transferring data for the first time after launching the program, *"Changing the PIN"– P.11*).



The data transfer to the display module may take several moments. When finished transferring the data successfully, the **Station Manager Software** will display a corresponding message.

If the shortcut **[Transfer data]** does not work or the menu item **Service → Transfer data** is greyed out, there is no connection to the display module. The status bar reads **Display module not connected**.

- ▶ Check if the USB cable and the programming adapter are properly connected and establish a connection between laptop/PC and display module (*"Establishing the connection"– P.3*).

Reset to factory settings



Note:

Resetting the display module to its factory settings will erase all data stored on the display module! The PIN will be reset to the default value **0369**.

- ▶ Open the menu **Service** → **Factory settings**.
- ▶ Enter the PIN and click on **[OK]** to confirm ("*Changing the PIN*"– P.11).

The display module was set to its original factory settings.

Firmware update

For the current firmware releases, log on to www.schneider-electric.com.

- ▶ Open the menu **Service** → **Update firmware**.
- ▶ Click on **[OK]** to confirm.
- ▶ Select the corresponding (.hex) file and click on **[Open]**.
- ▶ Follow the instructions on your screen.

Manual configuration directly at the display module

When configuring the device without a PC, you can edit subscribers (e.g. set to enabled/disabled, rename) while operation is in progress. While it is also possible to create new subscribers, we recommend that you use the **Station Manager Software** for this purpose.

You can make the following changes to the configuration directly at the display module:

- Edit existing subscribers (rename / enable / disable)
- Add new subscribers (names only, no more than 500 subscribers)
- Set colour scheme and display module language
- Display service information



Note:

For safety reasons, the configuration will be terminated automatically if no buttons have been pressed at the display module for approx. 30 seconds. Before you can make any additional changes to the settings, you must call up the configuration menu again.



Note:

Data you have changed manually can be read from the display module into the **Station Manager Software** at a later time ("*Reading data*"– P.6).



Note:

All steps to be completed in the manual configuration must be selected using the **[↑]** **[↓]** buttons at the display module and confirmed by pressing **[OK]**.

Opening the configuration menu at the display module

The display module must have been installed and enabled in the door station.

- ▶ Wait until the standby screen (**Please press a key** on the blank display / screen) appears.
- ▶ Press and hold the **[OK]** button of the display module.
- ▶ Continue by also pressing the **[↑][↓]** buttons and holding all buttons for approx. 5 seconds.

The PIN prompt is displayed.



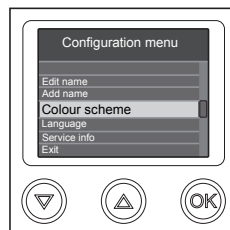
Note:

We strongly recommend that you change the PIN set at the factory in order to prevent unauthorised users from making any changes directly at the display ("*Changing the PIN*"– P.11).

- ▶ Enter the PIN by selecting the corresponding digits with the **[↑][↓]** buttons.
- ▶ Press the **[OK]** button to confirm each digit and continue with the next digit.

The configuration menu opens.

- ▶ Select the desired function.



Editing existing subscribers

- ▶ Select **Edit names** from the configuration menu.
- ▶ Select **Change**.
- ▶ Select the desired subscriber.
- ▶ Select the requested action in the field on the left:

1. Cancel

Return to the **Edit names** menu; changes will not be saved.

2. OK

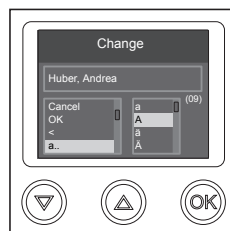
Save the changes; return to the **Edit names** menu.

3. <

Delete last character.

4. Letters (a..z..) / digits (1..) / special characters (&..)

The right field holds the corresponding digits of the selected group.
The remaining characters are displayed in brackets (up to 22).



Enabling / disabling subscribers

- ▶ Select **Edit names** from the configuration menu.
- ▶ Select **Enable** or **Disable**.

The display shows all subscribers that can be enabled or disabled. If no names are displayed, all subscribers have already been enabled or disabled.

- ▶ Select the desired subscriber.

The subscriber was enabled or disabled.

You will automatically be taken back to the **Edit names** menu.

Adding subscribers



Note:

You can only add the first and last name of a subscriber to the list of subscribers. Details (apartment info, code, etc.) must be added after the data stored in the display module ("*Reading data*"– P.6) has been read into the **Station Manager Software**.

The bell buttons (of the display module) are programmed in the same way that is used for the TwinBus process (see current edition of the TwinBus system manual). When programming the display module, select the corresponding name using the [↑] [↓] buttons instead of the bell button before pressing **[OK]** to confirm.

A maximum of 500 subscribers can be created.

- ▶ Select **Add names** from the configuration menu.
- When entering names, follow the pattern "**Last name, first name**", e.g. Tall, Francis.
- ▶ Select the requested action in the field on the left:

1. Cancel

Return to the configuration menu without saving the changes

2. OK

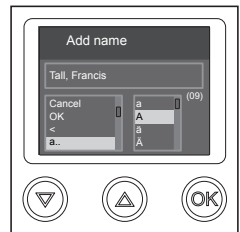
Return to the configuration menu after the subscriber was stored as a new entry at the end of the subscriber list.

3. <

Delete last character.

4. Letters (a..z..) / digits (1..) / special characters (&..)

The right field holds the corresponding digits of the selected group.
The remaining characters are displayed in brackets (up to 22).



Changing the colour scheme

- ▶ Select **Colour scheme** from the configuration menu.
- ▶ Select between Dark / Bright / Green / Blue / Red

Changing the language

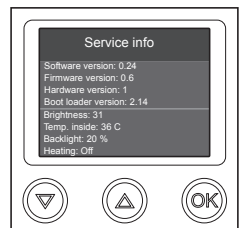
- ▶ Select **Language** from the configuration menu.
- ▶ Set the language you want the display module to use. You can select between German / English / French / Italian / Dutch / Spanish / Finnish / Danish / Swedish / Norwegian / Greek / Polish / Turkish

Service info

- ▶ Select **Service info** from the configuration menu.

The following information will be displayed:

- Version number of software, firmware, hardware, and boot loader
- Brightness
- Temperature inside
- Backlight in per cent
- Heating status on/off



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