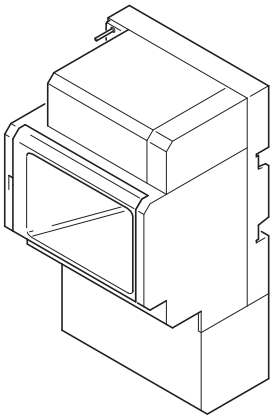
TWINBUS®

07/2012



01460-0

RTY 1 7585 0001

GB

Communication adapter

Description • Assembly • Starting up • Operation

Schneider Electric

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Information on the article number

The article number on the title page is made up of four components:

- RTY Production ID
- 1 7585 Device number
- 00 Colour ID
- 01 Country code

► In the following, only the device number is provided.



Note:
Please read the general notes in the current edition of the TwinBus system manual before starting installation and setup.

Device description

The telecommunication adapter a/b RGE 1 7585 allows a TwinBus system

to be used in combination with a telephone extension system, meaning that the telephone can be used as part of the TwinBus system like an indoor telephone.

Performance characteristics

- Connection of a TwinBus door intercom system to a telecommunications system using MFC dialling
- Modular serial built-in device supplementing a TwinBus door intercom system
- Connection to an available a/b port on the telecommunications system
- Power supply from power supply unit 1 7573 (central) or mains transformer 1 6477 (decentralised)
- Dialling via bell button of the TwinBus door station or coding module 1 8764
- Programming via analogue phone
- Potential-free contact

New features

- Day and night mode
- Call signalling to up to 200 subscribers
- USB interface for PC/laptop connection
- Programming via setup application
- Two modes for connecting the door call
  - Call is answered by pressing a number between 0 and 9
  - Door call connection without the need to press a button
- Loading/saving the configuration
- Firmware updates possible via USB
- Automatic door opener can be adjusted using power-up authorisation (day/night)
  - By the end customer without the need to access the programming level
- Door opener can also be operated even if no door call is being received

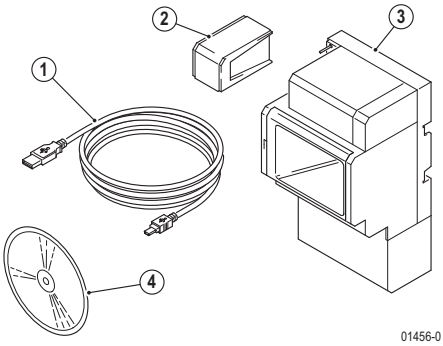
Note:

Some features are not supported by all telecommunications systems (call tone differentiation, call waiting, direct dialling, etc.). Conversely, additional performance characteristics of the telecommunications system are available for use (call forwarding to an external line, team call, priority, etc.). The phones to be connected to the telecommunications system must also meet certain minimum requirements (MFC post-dialling). Some system phones can also show a name on the display, e.g. "door call".

We recommended that you not turn off the privacy function when operating a TwinBus system if additional TwinBus subscribers are connected to the system.

If subscribers to the telecommunications system are dialled using the coding module, the extension call numbers do not need to be set up in the TwinBus telecommunication adapter. Numeric sequences made up of up to six digits are detected in the telecommunication adapter, converted into MFC dial signals and transmitted directly to the telecommunications system.

Scope of delivery

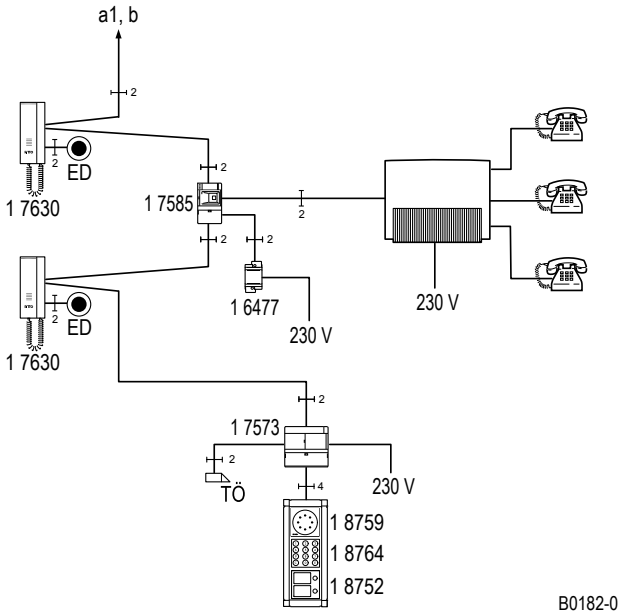


1. Mini USB plug-in connector
2. System bus connector
3. TwinBus communication adapter
4. CD including the setup application

Technical data

Dimensions (H x W x D) in mm	90 × 70 × 60
	≙ 4 automatic device slots
Power supply	via system bus from power supply unit 1 7573 or AC12 V from mains transformer 1 6477
Power consumption	up to 41 mA from system bus up to 67 mA from mains transformer
Ambient temperature	0 to 40 °C
Max. relative humidity	60%

Applications - telecommunication adapter



Connection prerequisites

Note:

The analogue port to which the communication adapter is connected must not be set to automatic exchange line seizure.

It must be ensured that the port cannot be dialled into externally.

The analogue port must be able to evaluate MFC dialling.

Bell button signalling on several telephones depends on the telephone system, where it must also be set up.

The telephone that is used for setting up must also allow MFC post-dialling (including the "*" and the "#" sign).

If the target subscriber's call number is made up of less than 20 characters, the number can be preceded by the "*" or the "#" sign.

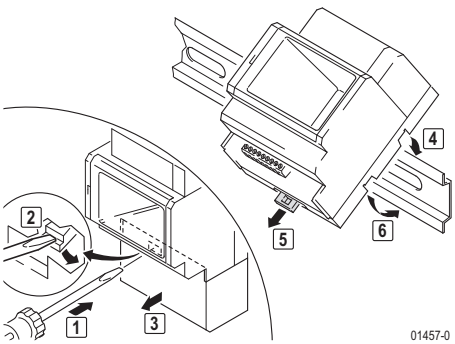
If a bell button is to signal door ringing at several analogue connections, it should be assigned to a group call, provided that the telecommunications system supports this function.

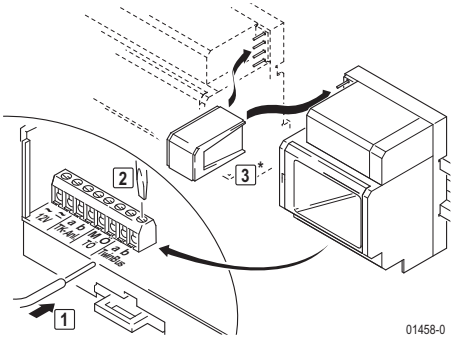
A telephone supporting MFC post-dialling and software for the telecommunications system are used for installation.

Switching commands are set up in the TwinBus switching device 1 4981.

Assembly

- ► Remove the TwinBus device and the supplied components from the packaging.
- ► For more information, read the provided instructions.





* Cut off the cover for connecting to additional devices.

Connections

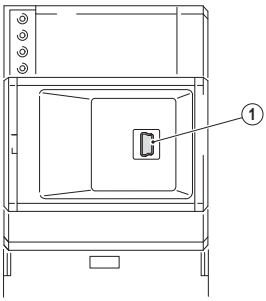
AC 12V	Power supply
a, b	Telecommunications system
M, Ö	Potential-free make contact (DO) 24 V/1 A
a, b	TwinBus

Connecting the telecommunications adapter

Connect the telecommunication adapter to your PC or laptop if you want to use the setup application to set up the telecommunication adapter.

Note:

Your PC interface 1 7588 must not be powered by the same transformer as the telecommunication adapter.



- ► Plug the mini USB plug-in connector into the port (1) of the telecommunication adapter.
- ► Connect the USB interface with your PC or laptop.

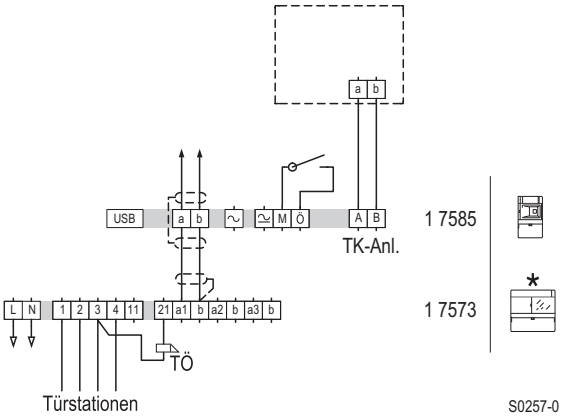
Connection

Achtung!

Risk to life from electric shock.
According to standard ETSI TBR 21 the voltage supply and the AC ringing voltage are 50V DC and 30V rms, respectively

Circuit diagram:

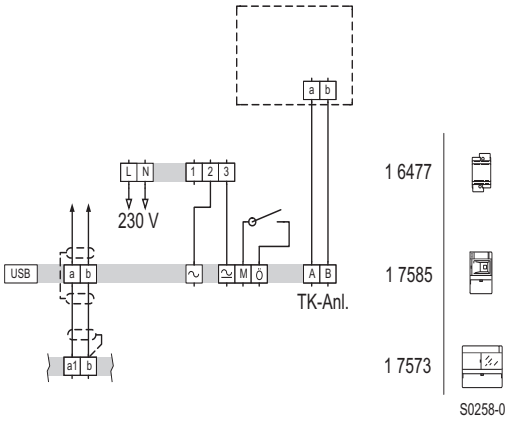
Connection to TwinBus power supply unit 1 7573



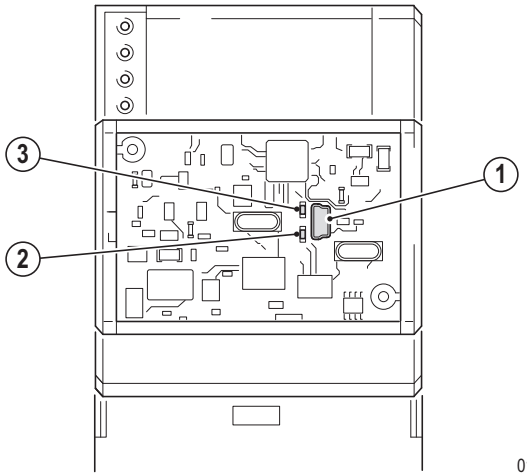
* Please note the system bus connection – see "System bus connector between power supply unit and telecommunications adapter".

Circuit diagram:

Connection with supply from mains transformer 1 6477 12 V AC



Setup - analogue



Operating elements

1. USB interface
2. LED, voice connection/USB
3. LED, operating status/USB

Function	Activity		Result	
Activate commissioning mode		Dial the telephone no. of the telecommunication adapter Dial ****** Select pass code [1]		Acknowledgement tone
	Performing setup; see command summary or Procedure Instructions			
Deactivate commissioning mode		Dial *****		
				

[1] Set to "0000" at the factory.

Command summary

Each setup procedure is confirmed with a signal tone . The next step of the setup procedure can be performed after the signal tone.

Code number		Meaning
10	Enter call number	Store call number in memory location. If no call number is specified, memory location is deleted completely. If call number has less then <20 digits, finish input by entering the "*" sign. It is possible to have the numeric sequence preceded by the "*" or the "#" sign. You will then be able to enter up to 19 additional digits. → *„Procedure "Assign bell button to subscriber"“ – S. 16*
11	Set door call	Set TwinBus telegram for memory locations 000-199. A voice connection to the door is established. It is terminated by pressing "*". After exiting the voice connection, you have 60s to set a telegram (press bell button, etc.). You can program door calls and button adapter commands. → *„Procedure "Assign bell button to subscriber"“ – S. 16*
12	Delete telegram	TwinBus telegram is deleted from memory location (iii). → *„Procedure "Assign bell button to subscriber"“ – S. 16*
13	Switching contact	The switching contact of the telecommunication adapter is active/inactive for the memory location (1/0). When a telegram associated with this memory location is received, the contact will be enabled provided the switching contact is activated. If inactive, the switching contact can be actuated by pressing the command #07 on the telephone. → *„Procedure "Activate switching contact for subscriber"“ – S. 17*
14	Subscriber: memory location	Subscriber in memory location active/inactive (1/0). If the subscriber is inactive, no connection will be established (upon receipt of a telegram associated with this memory location). → *„Procedure "Activate subscriber"“ – S. 17*
19	Check memory location	Use this function to check if the corresponding memory location is still available or already occupied. The code number is followed by input of the memory location 000 – 199 that you wish to check. **Long acknowledgement tone**: Memory location occupied, **Brief acknowledgement tone**: Memory location available. → *„Procedure "Check memory location"“ – S. 26*

Code number		Meaning
80	Break time: busy tone	40 corresponds to 400 ms' Value range: 0040-0400 Factory setting: [50] → *„Procedure "Break time: busy tone"“ – S. 20*
81	Signal time: busy tone	20 corresponds to 200ms Value range: 0020-0200 Factory setting: [30] → *„Procedure "Signal time: busy tone"“ – S. 20*
82	Break time: ringing tone	40 corresponds to 400ms Value range: 0040-0400 Factory setting: [400] → *„Procedure "Break time: dialling tone"“ – S. 21*
83	Signal time: ringing tone	e.g. 10 corresponds to 100ms, [01001000] Value range: 0010-0100 Factory setting: [100] → *„Procedure "Signal time: busy tone"“ – S. 20*
84	Voice volume to door	01 – 10, [05] → *„Procedure "Set voice volume to door"“ – S. 23*
85	Voice volume from door	01 – 10 volume, [05] → *„Procedure "Set voice volume from door"“ – S. 23*
86	Set automatic door opening rights	This command is used to assign the subscribers' general rights to operate the automatic door opener. These rights allow subscribers to open the door automatically after a bell signal was received. The code number is followed by the numbers 0 (turn off) or 1 (turn on). Press #93 on your telephone to deactivate the contact actuation you previously activated with #07. Press #92 to re-activate this function. → *„Procedure "Set automatic door opening rights"“ – S. 19*
87	Door opener operation without door call	Use this function to actuate the door opener even if no door call has been established. The code number is followed by the numbers 0 (turn off) or 1 (turn on). → *„Procedure "Door opener operation without door call"“ – S. 26*

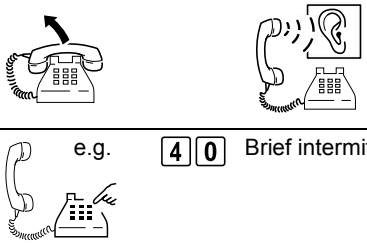
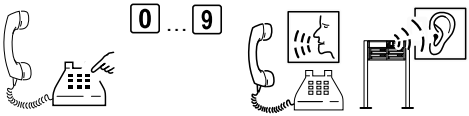
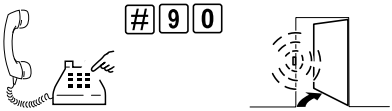
Code number		Meaning
88	Assign switching commands	This function makes it possible to assign up to 10 different switching commands to one single number. The 10 commands are separate switching commands which are available in addition to the regular switching commands (#01-#08). The code number is immediately followed by a switching command. These are numbered 01 – 10. These numbers are followed by the code number which you wish your telephone to dial later. Possible entries are 10-89. Please note that the setup and use of a switching command requires that the accessory TwinBus switching device 1 4981 be available. Every switching command is unique and varies with the respective telecommunication adapter. → *„Procedure "Assign the switching commands"“ – S. 18*
89	Assign code number to door opener	You can use this code number to assign a specific digit to the door opener with which you want the door to be opened. The digits you can select range from 1 to 9. The digit set at the factory is 9. → *„Procedure "Assign door opener"“ – S. 24*
90	Set switch-on delay for switching contact	You can use this function to set the respective time after which the switching contact will be activated. The values you can set range from 0 to 9 seconds. The factory setting is 0. → *„Procedure "Switch-on delay: switching contact"“ – S. 19*
91	Set switching time for switching contact	Use this function to set the time for the duration of the switching contact. The values you can set range from 1 to 9 seconds. → *„Procedure "Set switching time for switching contact"“ – S. 24*
92	Set switching contact rights	This function is switched on by default at the factory. The code number is followed by the numbers 0 (turn off) or 1 (turn on). The switching contact rights make it possible to use the functions #92 and #93. If these rights are inaccessible, this lock will prevent the switching contact from being turned on and off by mistake. Ex.: Switching contact rights are granted, and the switching contact is set to active. Press #07 to actuate the contact of the telecommunication adapter. → *„Operation - telecommunication adapter“ – S. 14*

Code number		Meaning
93	Turn privacy button on/off	This function is switched on by default at the factory. The code number is followed by the numbers 0 (turn off) or 1 (turn on). This function makes it possible to assign up to 10 different switching commands to one single number. The 10 commands are separate switching commands which are available in addition to the regular switching commands (#01-#08). The code number is immediately followed by a switching command. → *„Procedure "Activate privacy button"“ – S. 22*
94	Turn numeric dialling on/off	The coding module can be used to dial a subscriber directly by entering the respective key code. This requires that the operating mode of the coding module be set to "ON". Set the DIP switch to position "1" to activate the code lock function. → *„Procedure "Numeric dialling via coding module"“ – S. 22*
95	Set call time	This function allows you to set the maximum call time for calls to the subscriber. The values you can select range from 10 to 99 seconds. → *„Procedure "Set maximum call time"“ – S. 25*
96	Set busy time	The busy time is the maximum period during which a door call can be held. The values you can set range from 30 to 180 seconds. → *„Procedure "Set maximum busy time"“ – S. 25*
97	Factory setting	You can use this function to reset all values of the telecommunication adapter to factory settings. The function is followed by the security prompt 1234 to prevent the function from being executed by accident. → *„Procedure "Factory setting"“ – S. 27*
98	Automatically delayed call connection	This function allows the subscriber receiving the door call to answer it after a brief delay without having to press a button. The code number is followed by the numbers 0 (turn off) or 1 (turn on).→ *„Procedure "Connect call without pressing a button"“ – S. 18*
99	Change pass code	0000-9999 [0000]. → *„Procedure "Change pass code"“ – S. 27*

General switching commands		
#01-#06	Select camera	It is possible to control up to 6 cameras with the camera selector switch.
#07	Actuation: switching contact	Actuation of the internal switching contact based on the set switching time and delay.
#08	Switch camera	Switching command for the 180 degree camera; if pressed again, the function will actuate the second lens.

Operation - telecommunication adapter

Basic steps to operate the telecommunication adapter:

Dialling	
Dial the internal call number of the telecommunication adapter	
Function	
Operate door opener without door call [1]	
Connect door call without ringing[2]	
Turn on automatic door opener[3]	
Turn off automatic door opener[3]	

1) Before you can use this function, you must activate it using the software or pressing the code numbers 87 and 1 on your telephone.

2) This requires that the privacy button be turned off (basic setting).

3) Set rights beforehand using the software or pressing the code numbers 86 and 1.

Function	
Activate switching contact[5)]	# 9 2 
Deactivate switching contact[5)]	# 9 3 
Execute switching command[6)]	# 1 0 Switch on the light 
Execute switching command[7)]	# 0 1 Camera 1 

5) Before you can use this function, you must set the rights for the switching contact using the software or pressing the code numbers 92 and 1 on your telephone.

6) If you want to place switching commands during a door call, you will only have to press the # key and the corresponding code number. In this case, the telecommunication adapter will not be dialled.

7) It is possible to control up to 6 cameras with the camera selector switch 1 4915 (#01-#06). You can also press #08 to actuate the 180 degree camera.

Procedure "Assign bell button to subscriber"

Function		
Activate commissioning mode		
Activity		**Result**
	Dial the telephone no. of the telecommunication adapter Dial ****** Select pass code [1]	 Acknowl-edgement tone
Store call number (e.g. 40) in the memory location (e.g. 000)		
Activity		**Result**
	Dial 10 Dial 000 Dial 40 *****	 Acknowl-edgement tone
Set TwinBus telegram		
Activity		**Result**
	Dial 11 Dial 000	  Voice connection to door station estab-lished
	Dial *****	 Voice connection is disconnect-ed
	Press corresponding button within 60 s	Door and floor calls are stored in call memory  Acknowl-edgement tone
	put down receiver or press #	

[1] Set to "0000" at the factory.

Procedure "Activate switching contact for subscriber"

Activity		Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		Acknowl-edgement tone
	Dial 13 Dial 000[2] Dial 1[3]		Acknowl-edgement tone
	Put down receiver		

1) Set to "0000" at the factory.
2) Select memory location from 000 to 199.
3) "0" disabled "1" enabled.

Procedure "Activate subscriber"

Activity		Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		Acknowl-edgement tone
	Dial 14 Dial 000[2] Dial 1[3]		Acknowl-edgement tone
	Put down receiver		

1) Set to "0000" at the factory.
2) Select memory location from 000 to 199.
3) "0" disabled "1" enabled.

Procedure "Connect call without pressing a button"

This function can only be set in general and not specifically for an individual subscriber.

Activity		Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		Acknowl-edgement tone
	Dial 98 Dial 1[2]		Acknowl-edgement tone
	Put down receiver		

1) Set to "0000" at the factory.

2) "0" disabled "1" enabled.

Procedure "Assign the switching commands"

Activity			Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]			Acknowl-edgement tone
	Dial 88 Dial 01[2] Dial 10[3]	Switching com-mand		Acknowl-edgement tone
	Put down receiver			

1) Set to "0000" at the factory.

2) Select memory location from 01 to 10.

3) Select values between 10 to 89.

Procedure "Set automatic door opening rights"

This function can only be set in general and not specifically for an individual subscriber.

Activity		Result
	Dial the telephone no. of the telecommunication adapter ** Dial Select pass code[1]	 Acknowledgement tone
	Dial 86 Dial 1[2]	 Acknowledgement tone
	Put down receiver	

1) Set to "0000" at the factory.

2) "0" disabled "1" enabled.

With the automatic door opener enabled, users can press #90 and #91 on their phones to turn the automatic door opener on and off, respectively.

Procedure "Switch-on delay: switching contact"

Activity			Result
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowledgement tone
	Dial 90 Dial 0-9	Delay in s	 Acknowledgement tone
	Put down receiver		

1) Set to "0000" at the factory.

Procedure "Break time: busy tone"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
 Dial 80 Dial 0040[2]	 Acknowl-edgement tone
 Put down receiver	

[1] Set to "0000" at the factory.

[2] Select break time.

Value range: 0040-0400

Procedure "Signal time: busy tone"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
 Dial 81 Dial 0040[2]	 Acknowl-edgement tone
 Put down receiver	

[1] Set to "0000" at the factory.

[2] Select signal time.

Value range: 0020-0200

Procedure "Break time: dialling tone"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
 Dial 82 Dial 0040[2]	 Acknowl-edgement tone
 Put down receiver	

[1] Set to "0000" at the factory.

[2] Select break time.

Value range: 0040-0400

Procedure "Signal time: dialling tone"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
 Dial 83 Dial 0040[2]	 Acknowl-edgement tone
 Put down receiver	

[1] Set to "0000" at the factory.

[2] Select signal time.

Value range: 0010-0100

Procedure "Activate privacy button"

This function can only be set in general and not specifically for an individual subscriber.

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowledgement tone
 Dial 93 Dial 1[2]	 Acknowledgement tone
 Put down receiver	

1) Set to "0000" at the factory.

2) "0" disabled "1" enabled.

Procedure "Numeric dialling via coding module"

Numeric dialling using the code lock.

This function can only be set in general and not specifically for an individual subscriber.

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code[1]	 Acknowledgement tone
 Dial 94 Dial 1[2]	 Acknowledgement tone
 Put down receiver	

1) Set to "0000" at the factory.

2) "0" disabled "1" enabled.

Procedure "Set voice volume to door"

Activity		Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
 Dial 84 Dial 01-10	Volume	 Acknowl-edgement tone
 Put down receiver		

[1] Set to "0000" at the factory.

Procedure "Set voice volume from door"

Activity		Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
 Dial 85 Dial 01-10	Volume	 Acknowl-edgement tone
 Put down receiver		

[1] Set to "0000" at the factory.

Procedure "Set switching time for switching contact"

Activity		Result
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
	Dial 91 Dial 1-9 Seconds	 Acknowl-edgement tone
	Put down receiver	

[1] Set to "0000" at the factory.

Procedure "Assign door opener"

This function can only be set in general and not specifically for an individual subscriber.

Activity		Result
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowl-edgement tone
	Dial 89 Dial 1-9 Door opener	 Acknowl-edgement tone
	Put down receiver	

[1] Set to "0000" at the factory.

Procedure "Set maximum call time"

Activity		Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
 Dial 95 Dial 10-99	Seconds	 Acknowl-edgement tone
 Put down receiver		

[1] Set to "0000" at the factory.

Procedure "Set maximum busy time"

Activity		Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
 Dial 96 Dial 030-180	Seconds	 Acknowl-edgement tone
 Put down receiver		

[1] Set to "0000" at the factory.

Procedure "Door opener operation without door call"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowledgement tone
 Dial 87 Dial 1[3]	 Acknowledgement tone
 Put down receiver	

1) Set to "0000" at the factory.

3) "0" disabled "1" enabled.

Procedure "Check memory location"

Activity	Result
 Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]	 Acknowledgement tone
 Dial 19 Dial 000[2] Dial *	 **long acknowledgement tone:** Memory location occu- **brief acknowledgeme tone:** Memory location available
 Put down receiver	

1) Set to "0000" at the factory.

2) Select memory location from 000 to 199.

Procedure "Change pass code"

Activity		Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
	Dial 99 0000-9999 Dial *	new pass code	 Acknowl-edgement tone
	Put down receiver		

[1] Set to "0000" at the factory.

Procedure "Factory setting"

Activity		Result	
	Dial the telephone no. of the telecommunication adapter Dial ** Select pass code [1]		 Acknowl-edgement tone
	Dial 97 1234	Security code	 Acknowl-edgement tone
	Put down receiver		

[1] Set to "0000" at the factory.

List of errors

	Cause	Remedy
Unable to establish voice connection, e.g. setup procedure.	Terminals a1 and b of 1 7573 not connected to 1 7585.	Connect terminal.
No bell signal at telephone; busy signal sounds.	Extension of the telecommunication adapter was given as the call destination.	Change call destination.
Unable to dial telecommunication adapter.	No power supply.	Restore power supply.
No signal tone after picking up the receiver.	No key between "0" and "9" was pressed.	Press key between "0" and "9" to establish voice connection.
Telecommunication adapter terminates everything after voice connection is established.	Power supply too low or incorrect (e.g. terminals 3 and 4 of power supply unit 1 7573 selected).	Insert bus connector and leave terminal unoccupied or connect separate 1 6477 with 12 V AC.
Call is signalled 3 to 4 times regardless of the set call time.	Dial tones are interpreted incorrectly by the telecommunication adapter.	Adjust signal-break ratio.
When receiver is picked up, connection is established and disconnected again immediately.	Dial tones are interpreted incorrectly by the telecommunication adapter.	Adjust signal-break ratio.

Setup software

System requirements

- 10 MB hard drive
- 1 GB RAM
- 1 GHz processor
- Operating system: Win XP (SP2)/Vista/7
- Monitor/keyboard/mouse

Note:

- The setup software is a 32-bit application which can also be run in compatibility mode on 64-bit operating systems.
- The setup software must be installed on each PC that is being used.

Configuration via setup software

You can use the included setup software to configure the telecommunication adapter.

You will find more detailed information on the CD "Setup software".

Note:

You can download the current version of the installation software at www.ritto.de.

Install software

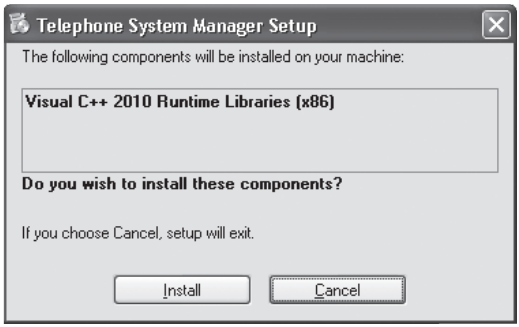
► Insert the data carrier containing the installation file into the drive of your PC or laptop.

► Run the file Setup.exe.

► If applicable, confirm the security warning by pressing [Run]

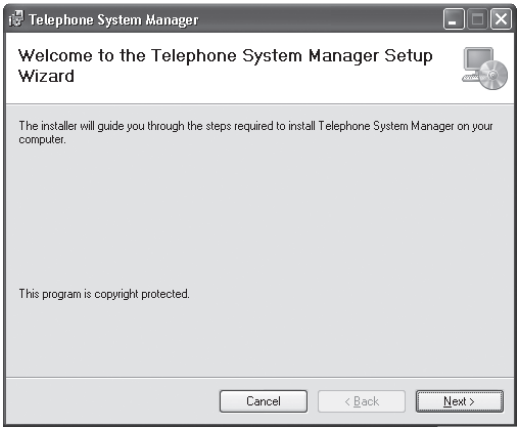
Telephone System Manager Setup

► Click on **[Install]** to accept and continue with the installation process.



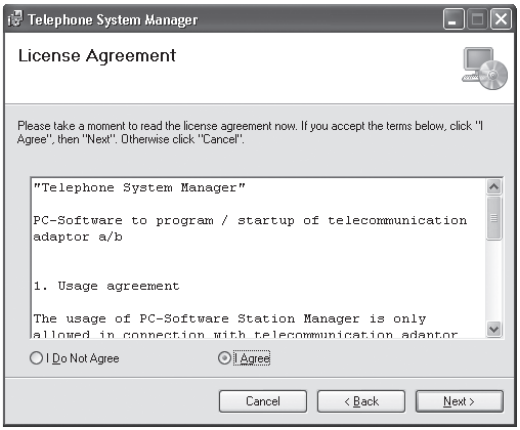
01462-2

► Read the copyright note and click on [Continue].



01463-2

► Read the information about the license agreement.
► Accept the terms by selecting **[I agree]** and click on **[Continue]**.

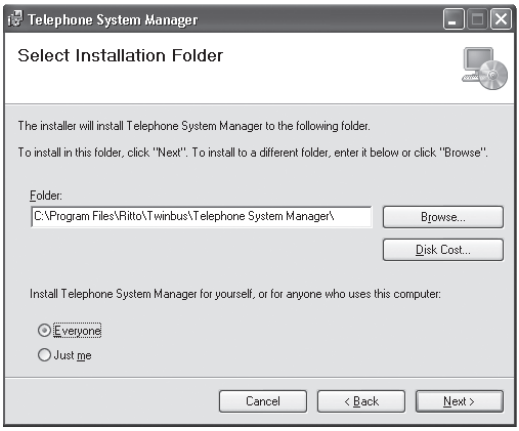


01464-2

► Click on **[Required storage space]** to view a list of drives on which the software can be installed.

► Select a folder in which you wish to install the software. To do so, enter the corresponding path or click on **[Browse]**.

► Click on **[Continue]** to continue with the installation.



01465-2

► Click on **[Continue]** in the next window to continue with the installation.

Note:
A status bar will inform you about the installation progress.

► Click on **[Close]** when the installation is completed successfully.

Operation

Launching the program

When the installation is completed successfully, launch the program by double-clicking the setup software icon on the desktop.

The setup software launches.

Creating or opening a new project

Before you can make the corresponding settings, you will be prompted to select from the following options:

► To create a new project, click on **[New project]**.

► To open an existing project, click on **[Open project]**.

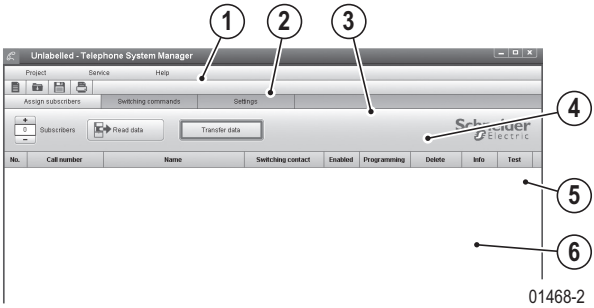


01467-2

User interface

The following is a detailed description of the user interface:

1. Menu bar
2. Quick menu bar
3. Settings bar
4. Control bar
5. Information bar
6. Extended control panel



Menu bar

You can use the menu to adjust both basic and advanced settings.

Project	**Service**	**Help**
New	Language	Telephone System Manager help
Open	Read data	Info
Save	Transfer data	
Save as	Direct door connection	
Print subscriber	Factory setting	
Print switching command	Update firmware	
Exit		

Quick menu bar

The commands listed in the quick menu bar are represented by icons. Execute the commands by pressing their associated buttons.

Settings bar

The settings bar holds the corresponding settings tabs.

► A press on the buttons Assign subscribers, Switching commands and Settings will open additional fields.

► You can adjust the corresponding settings in these fields.

Control bar

The control bar lists the associated control elements.

Information bar

The information bar lists the associated names of the values that need to be specified.

Extended control panel

The values that need to be changed and the settings options are found on the extended control panel.

Entering your personal identification number (PIN)

- ► Enter your personal identification number (PIN).
- ► The basic setting is "0000"
- ► Confirm the notice by pressing **[OK]**.



01469-2

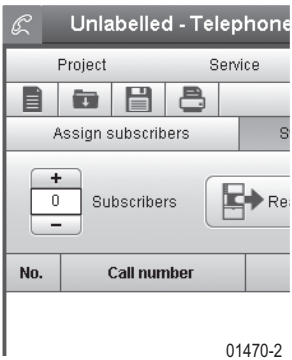
Note:
The door intercom system cannot be operated while being programmed.

Settings tab "Assign subscribers"

Read data

To edit existing settings, press the **[Read data]** button

- ► Open the tab **[Assign subscribers]**
- ► Pressing the buttons "+" and "-" will add and remove subscribers, respectively.



01470-2

Editing subscriber properties

No.

► Indicates the number of created subscribers.

Call number

► Here you can specify the associated call number.

Name

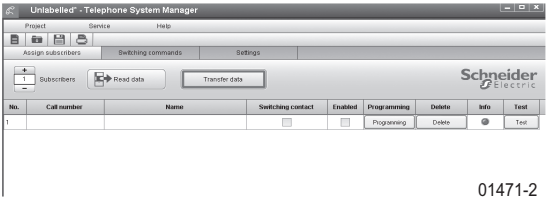
► Enter the corresponding name in this section.

Switching contact

► If enabled, the corresponding switching contact rights will be set for this subscriber.

Enabled

► Turning on this option will activate the corresponding subscriber.



01471-2

Programming

► Press the button **[Programming]**.

► Confirm the prompt "Enter programming mode" with **[Yes]**.

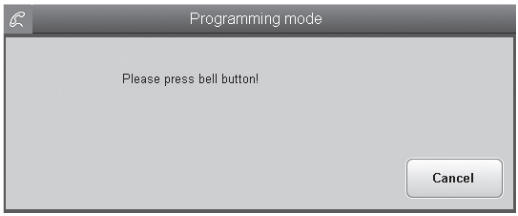
► Press the corresponding bell button.

Info

► The indicator light turns green when a subscriber was "programmed" successfully.



01480-2



01472-2

Delete

► Pressing the **[Delete]** button will erase the settings associated with the corresponding subscriber.

Test

► Press the **[Test]** button to bring up the settings you entered and apply them (e.g. bell signal for programmed subscriber).

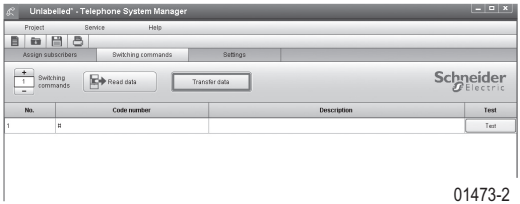
Transfer data

► To complete the process, press the button **[Transfer data]**.

Settings tab "Set switching commands"

► Open the tab **[Switching commands].**

► Pressing the buttons "+" and "-" will add and remove switching commands, respectively.



01473-2

Editing switching commands

No.

► Indicates the number of created switching commands.

Code number

► Here you can specify the associated code number.

Description

► Enter the description associated with the corresponding switching command in this section.

Test

► Press the **[Test]** button to bring up the settings you entered and apply them.

Note:

Before you can program a switching command, you must press the command setting button on the switching device.

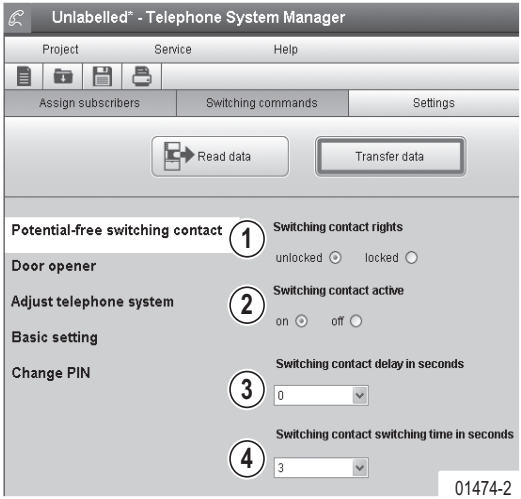
Continue by pressing the test button. A positive acknowledgement tone sounds at the door.

Settings tab "Settings"

You can edit various settings by selecting their associated entries.

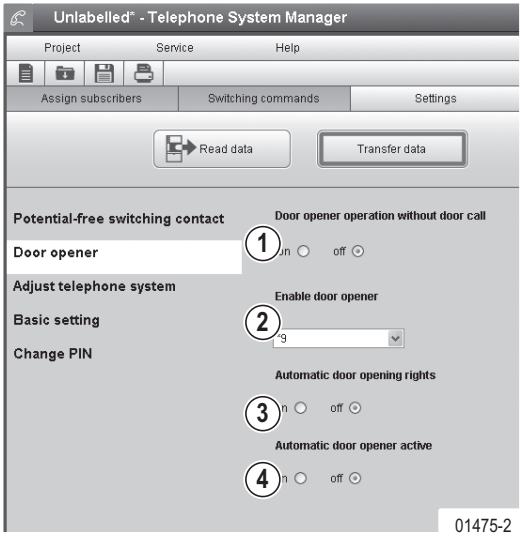
Potential-free switching contact

1. Set the rights of the switching contact to "unlocked" or "locked".
2. Set Switching contact active to "on" or "off".
3. Use the drop-down menu to set the delay: switching contact in seconds.
4. Use the drop-down menu to set the switching time: switching contact in seconds.



Door opener

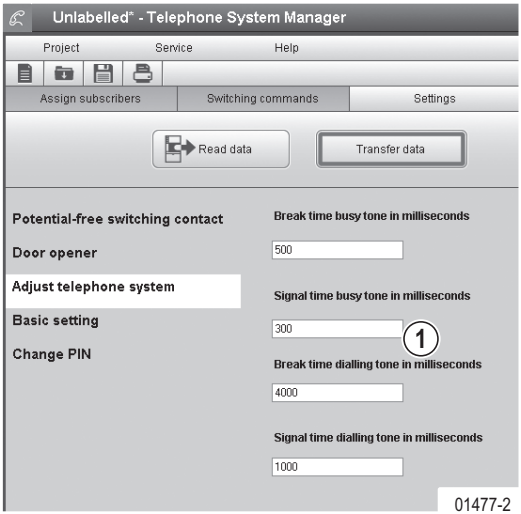
1. Set door opener operation without door call to "on" or "off".
2. Use the drop-down menu to set Activate door opener in seconds.
3. Set Automatic door opener rights to "on" or "off".
4. Set Automatic door opener active to "on" or "off".



Adjust telephone system

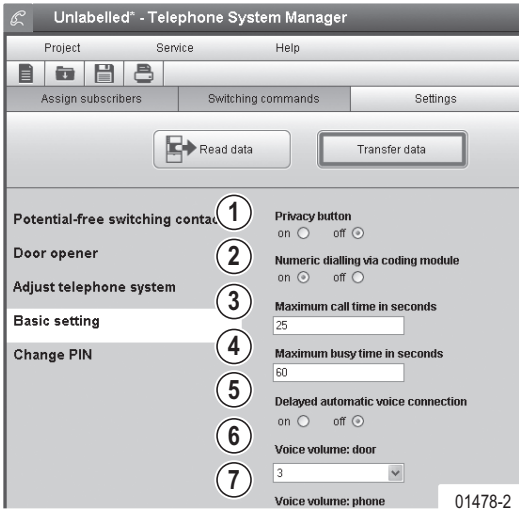
1. Enter the corresponding time in milliseconds into the input fields.

This setting varies with the customer-supplied analogue telephone system



Basic setting

1. Set privacy button to "on" or "off".
2. Set numeric dialling via coding module to "on" or "off".
3. Enter the maximum call time in seconds into the input field.
4. Enter the maximum busy time in seconds into the input field.
5. Set time delay for automatic voice connection to "on" or "off".
6. Use the drop-down menu to set the voice volume: door.
7. Set the voice volume: phone using the drop-down menu.

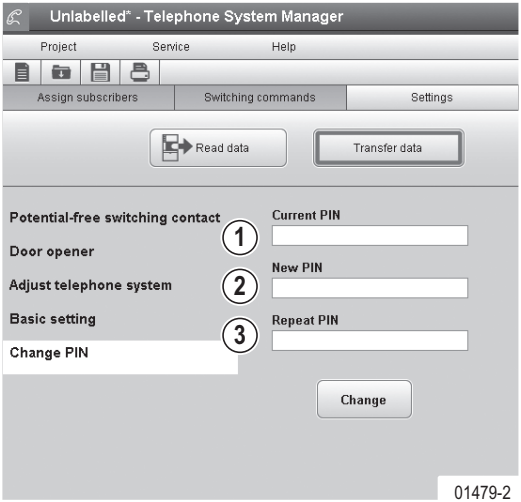


Change PIN

1. Enter the PIN you are currently using into the input field "Current PIN".
2. Enter the new PIN. The PIN may consist of no more than five characters.
3. Repeat the new PIN.

► Click on **[Change]** to use your new PIN.

► Click **[OK]** to save the settings and return to the user interface.



Transfer data

► To complete the process, press the button **[Transfer data]**.

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