SSS SIEDLE

DoorCom[®] Analog DCA 650-02



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Programming structure



DoorCom[®] Analog DCA 650-02

The DCA 650-... is a high-powered interface used to actuate a door intercom system at a telecommunication system.

In a large number of systems, it will certainly only be necessary to carry out a few essential programming steps for commissioning purposes. However, the system and the performance features can be upgraded at any time without problems and so additional uses can be integrated at a later date as required.

Standard settings which are essential during commissioning: Menu points 2 Registering new users

Extended functions with supplementary uses

In order to make full use of all the performance features, all the menu points must be looked at individually and changed where appropriate.

Brief instructions for fast commissioning and programming

Fast and error-free programming of DCA 650-02

 Connect the DCA to an analogue, unoccupied PBX extension. This PBX extension must have multiple-frequency dialling capability, in particular during an internal connection within the TC system.

• Ensure that there is no direct public network connection programmed at the relevant PBX extension on which the DCA is operated (automatic engagement of the public network line when the receiver is picked up). If necessary, cancel this function in the TC system programming.

 The PBX extension must be programmed as a telephone (not as a fax, answering machine or door intercom, etc.).

 If you want the DCA to call several telephones at the same time, the TC system must be programmed for this function (known as group call, collective call, etc.). For further information, see the documentation for the TC system.

• It is not admissible to program collective call reception entitlement for the PBX extension to which the DCA is assigned.

 If you wish the DCA to receive calls, the call acceptance function must be activated when programming the DCA (menu system configuration, public network parameters, call acceptance). Entitlement to receive public network calls must then be programmed out for the DCA connection within the TC system, or a separate number must be issued for the DCA.

As-delivered status

- · Call signal time 40 secs.
- Max. speech time 3 mins.
- Chain call time 20 secs.
- Call acceptance none
- Config. PIN 0000 (i.e. no PIN active)
- Code for external line 0
- Pause after external line 1 sec.





Use the cursor buttons to enter the PBX extension/number you want to call (e.g. PBX extension 258) and confirm with the OK button.

Since the door loudspeaker is still active (still in programming mode), confirm the text on the display with the OK button.

Press the call button on the door loudspeaker that you want to allocate. A long signal tone is heard at the door loudspeaker and the display changes to:

Use the cursor buttons to enter the PBX extension/number you want to call (e.g. PBX extension 445) and confirm with the OK button.

Since the door loudspeaker is still active (still in programming mode), confirm the text on the display with the OK button.

Press the call button on the door loudspeaker that you want to allocate. A long signal tone is heard at the door loudspeaker and the display changes to:

Use the cursor buttons to enter the PBX extension/number you want to call (e.g. PBX extension 445) and confirm with the OK button.

Press the ESC button on the DCA twice to close the programming menu and press the programming button on the BSG/BVSG 650-... to switch off programming mode.

For more detailed programming instructions, please see page 9 ff.

Programming steps in conjunction with two or more door stations.

In systems with several door loudspeakers, the call buttons of all other door loudspeakers can be assigned to already registered users using the menu " Change YR configuration" and/or " Change call button assignment".

DCA 650-02 User interface Explanation of symbols and button functions



Application

The DoorCom Analog DCA 650-..., which comes in a 6-grid switch panel housing, is used as an interface between a Siedle door intercom system at the Siedle-In-Home bus system bus and an analogue telephone connection in a telecommunication system (TCS). Towards the door, the DCA 650-... acts precisely in the same way as a BTs/BTC 750-... and is bound by the same system limitations (number of users, range).

The DCA 650-... can be operated in the countries D, GB, F, I, NL, DK, CH and A, taking into account the EU directives.

Participants can be called by dual tone multiple frequency dialling (DTMF) or Flash. Participants have DTMF capability.

Access to the keypad and to the display.

The lid of the housing can be opened by pulling at the upper rim. It covers the display, the buttons for programming and the socket provided for plugging in the receiver of an BTS/BTC 750-... or a HTS/HTC 711-...

Function table DCA 650-02

DTMF dialing	Function	PIN pro- tection	Description
0 - 9	Accept door call		An active door call through the DoorCom Analog (= ID tone is injected) can be accepted by entering any optional multiple frequency dialling character 0 - 9.
9	Simplex mode		Only with an existing door call, the speech direction is switched over with each "9". The simplex mode is retained until the end of the call.
# 0	Abort connection		Deliberate termin. of a connection, e.g. when the TC system doesn't signal an engaged tone at the end of a call
# 101	Change direct call number TLN1	yes	Input at the telephone: #101+new call number +#
# 102	Change direct call number TLN2	yes	Input at the telephone: #102+new call number +#
# 103	Change direct call number TLN3	yes	Input at the telephone: #103+new call number +#
# 21x	Switch DCSF relay 1	yes	x=1: Switch on, x=0: Switch off
# 22x	Switch DCSF relay 2	yes	x=1: Switch on, x=0: Switch off
# 23x	Switch DCSF relay 3	yes	x=1: Switch on, x=0: Switch off
# 31	Scan DCSF input 1		Status 1 (energized) or 0 (not energized) is signalled by 2 different tones.
# 32	Scan DCSF input 2		Ditto
# 33	Scan DCSF input 3		Ditto
# 41x	Concierge function on/off	yes	x=1: Switch on, x=0: Switch off
# 50	Light		Corresponds to pressing the light button at the BTS/BTC
# 51	System control function 1	yes	Assignment to a BSM/BSE must be programmed
# 52	System control function 2	yes	Ditto
# 53	System control function 3	yes	Ditto
# 54	System control function 4	yes	Ditto
# 55	System control function 5	yes	Ditto
# 56	System control function 6	yes	Ditto
# 61	Door release		Corr. to pressing the door release button at the BTS/BTC
# 70	Selection of last calling door		
# 71	Direct selection door 1		Door assignment must be programmed
# 72	Direct selection door 2		Ditto
# 73	Direct selection door 3	yes	Ditto
# 81x	Chain call function user 1 on/off		x=1:Switch on chain call function user 1,
	22 / 22	yes	
# 82X	Chain call function user 2 on/off	ves	x=1:switch on chain call function user 2, x=0: switch off
# 83x	Chain call function user 3 on/off	,	x=1:Switch on chain call function user 3.
		yes	x=0: switch off
# 801	Change chain call number user 1	yes	Input at the telephone: #801 +new call number +#
# 802	Change chain call number user 2	yes	Input at the telephone: #802 +new call number +#
# 803	Change chain call number user 3	yes	Input at the telephone: #803 +new call number +#
# 990	Switch off Doormatic function	yes	
# 991	Switch off Doormatic function		For safety reasons, double input is required
# 991			
# 910	Function reset	yes	The functions Doormatic, concierge and chain call 1 - 3 are reset (switched off)
PIN	PIN protection	yes	PIN entry when it is programmed in DCA 650, protection from unauthorized access

Audible tones

Depiction of the audible tones that are generated when the DCA is used and can be heard in the telephone receiver.

ID tone 1	•.	•.	•.
ID tone 2	•.•.	••••	•.•.
ID tones 1 and 2 can be assigned, for instance, to two different doors. ID tone 1 also sounds whenever you call the DCA 612.			
Special ID tone 1	••••	••••	••••
Special ID tone 2	••••••	•••••	••••••
When activating the extended functions, Special ID tone 1 replaces ID tone 1 and Special ID tone 2 replaces ID tone 2			
Active tone	•		
Passive tone	•.		
The active/passive tone sounds only once per status enquiry. On a call through a DCSF input, the active/passive tone is generated cyclically.			
Positive acknowledgement tone	••		
Sounds after a function has been correctly executed.			
Negative acknowledgement tone	• • •		
Sounds on incorrect input of functions or on timeout.			
Engaged tone	• • • • • •	• • • • • • • •	•••••

Sounds after a call is aborted, for example due to timeout.

Possible enquiries:				
(Only	(Only with existing DCA telephone			
conne	ectic	n)		
#21x	to	#23x	Relay 1 to 3	
#31x	to	#33x	Inputs 1 to 3	
#41x			Concierge funct.	
#81x	to	#83x	Chain call function	
			User 1 to 3	
#99x			Doormatic funct.	

After selecting the function e.g. #22 for relay 2, a passive tone sounds if the relay has not switched (picked up). If the relay has switched (picked up), an active tone sounds.

By then dialling "0" or "1", the relay can be switched over to the other status.

Commissioning/programming

into the DCA 650-....

Commissioning Following the installation of all system users, the system can be commissioned. Permanent displays When the power supply is connec- ted, one of the following permanent displays appears in the	DCA 650-02 S. SIEDLE & SÖHNE	V 2.x	This permanent display is always present as long as the system is in operation (no action on a/b line). During programming, you will be prompted by the display in dialogue.
DCA 650-02 display window. The system is only opera- tional if one of the adjacent	DCA 650-02 Making connection	V 2.x	a/b line engaged, connection not yet made.
displays is indicated at the DCA 650 , whereby the version number (V 2.0) may differ.	DCA 650-02 Connection	V 2.x	a/b line engaged, connection has been made (but no statement about speech connection to door
If no entry is made in the programming mode for a period of longer than ten minutes, the DCA 650 automatically switches back to the operating	DCA 650-02 Call	V 2.x	DCA being called on the a/b interface (only possible with active call acceptance function, please see "Public network parameters - Call
Programming Programming of the DCA 650 takes place using the integrated buttons and is supported by the display. In order to program the system with all the functions, the complete installation of all system users must have first been completed. Programming of the inputs and outputs can only be carried out if the switching/remote control interface DCSF 600 is plugged	It is not possible to several DCA 650 simultaneously at a In-He system.	program units ome-bus	acceptance"). PIN protection The programming menu of the DCA 650 can be protected by means of a PIN against unauthorized access. No default PIN has been defined. (PIN 0000) PIN = Personal Identification Number 4-figure personal code

Language

Language To allow you to carry out the programming process in a language	DCA 650-02 S. SIEDLE & SÖHNE	V 2.x	User prompting by the display takes place in the selected language.
you understand, we offer 6 alternative languages.			
By pressing the programming button, access the "Language" menu point.	OK		Press the programming button
In the factory, German is set as the default operator guidance language. If you wish to leave it in German, skin the "Language menu point"	Sprache/Language ändern/change with	<ok></ok>	Display
skip the Language menu point .			
In order to change the language, press the programming button.	OK		Press the programming button
	Language <u>D</u> eutsch <ok></ok>		Display
Select the required language using the scroll button and press the pro- gramming button to save your entry.	↓ ↑ ок		Press the scroll / programming button
Scroll on to PIN input with the scroll button.	V		Press the scroll button

PIN protection - Configuration PIN

PIN protection

The saved settings can be protected by a personal identification number PIN

There is no default PIN entered.

For this reason, the following menu does not appear on initial commissioning, but only when a PIN has been defined.



If a PIN has been defined on initial commissioning, you can only enter the programming level with this PIN. Every PIN can be assigned to a number greater than 0000 up to 9999, but must always have 4 digits. 0000 means that there is no PIN defined.

PIN has been defined

Using the scroll buttons and the cursor buttons, enter the defined PIN

Confirm using the programming button. This brings you automatically to

System configuration

At this programming level, there are a total of three main menus, each of which has several submenus, as the programming structure indicates.

Move from one main menu to the next using the scroll button. Using the programming button, you can access the submenus below the main menus, and with the scroll button you can move within this programming level.

If you do not wish to alter the configuration PIN, scroll further.

Using the programming button, access submenu 1.1, in which the PIN settings for the configuration, for extended functions and for DCA selection can be defined.

Press the programming button in order to reach the selection menu PIN setting. Press the programming button again

in order to change the

Configuration PIN.

You will only gain access to the system configuration with the correct configuration PIN.

Access the required number with the scroll button and move on to the next number with the aid of the cursor button. Confirm with the programming button.

Press the scroll button in order to select the number, and the cursor button in order to switch to the next number. Press the programming button

Press the programming button

Press the scroll button

Display

System config. change with



OK

1

<OK>

1.1

OK



Press the scroll buttons/cursor buttons to enter the required configuration PIN. To confirm, press the programming button.

PIN protection

- Selection PIN
- Extended functions PIN

Selection PIN

Press the programming button once to change the **selection PIN**. If you do not wish to change the selection PIN, scroll further. The selection PIN is required in order to execute external control functions and protects the DCA 650-... against unauthorized access by third parties.

Display Selection PIN <0K> change with Press the programming button OK Display Selection PIN <0K> <u>0</u>000 Continue to press the scroll button / ÷ cursor button until the required configuration PIN is entered. OK Display Extended PIN fct. change with <0K>

Access the required number using the scroll buttons and index on to the next number using the cursor button.

Using the programming button, confirm and scroll on to the **extended functions PIN** with the scroll button.

Extended functions PIN

This extended functions PIN is always defined as a block, i.e. it protects either all extended functions or none.

The following functions are covered by this PIN protection:

· Changing a direct call number

Actuating the 3 relay contacts

when DCSF 600-... is integrated • Switching on and off the concierge

- function
- · Executing system control functions

1 - 6, only possible via BSM/ BSE 650-...

- · Switching on and off the chain call
- · Changing the chain call number
- Switching on and off the
- Doormatic
- Extended function reset

Press the programming button once in order to change the **extended functions PIN**.

If you do not wish to change the extended functions PIN, scroll on through or quit this submenu using the Escape button.



Extended PIN fct. <u>0</u>000 <OK> Press the programming button

Display

PIN protection - Extended functions PIN Door parameters



Door parameters

- Speech time
- Chain call time

Speech time

The speech time to the door is limited to 5 minutes and set in the factory to 3 mins.

Press the programming button to access the speech time setting function.

Access the required number using the scroll buttons.

Using the programming button, confirm the set time and scroll through to the chain call time.

Chain call time

During a door call, the directly assigned call number is always accessed (direct call). If this call is not accepted, the chain call function is initiated, i.e. the call is forwarded to a second user after the set period. The chain call is set in the factory to **20 seconds.**

If this function is active, it is also started when the called user is engaged.

Definition of call numbers takes place under main menu 3, user configuration, in submenu 3.2.

Press the programming button to set the time after which the call is forwarded in the chain.

Access the required number with the scroll buttons and move with the aid of the cursor button to the next number.

Using the programming button, confirm the set time and scroll on to Doormatic user 1.



Door parameters

- Doormatic

- Doormatic release

Doormatic

The Doormatic function can only be activated for user 1. When the Doormatic function is active, the door release is automatically actuated for 3 secs. after actuating the call button to user 1. In the **default status**, the Doormatic function **is disabled.**

Press the programming button to access the Doormatic release function.

Press the programming button again and use the scroll button to change the disabled and enabled status as required.

With Doormatic release

Use the programming button to confirm the setting. Move to another submenu point using the scroll button.

Doormatic signal

If Doormatic is functional, the door call can be made after the call button has been pressed with an acoustic call signal or without.

Press the programming button to enable you to change the signalling method. The default setting is with call.

Using the scroll button, change if required between the two setting possibilities. Use the programming button to confirm the displayed value.

Use the scroll buttons to move to the next menu point.

Press the programming button OK Display Doorm, release change with < OK >Press the programming button ΟΚ Display Doorm. release disabled <OK> Use a scroll button to switch backwards and forwards between disabled and enabled. Press the programming button OK Display Doormatic signal change with <0K> Press the programming button OK Display Doormatic signal with call < OK >Press the scroll button OK Press the programming button Press the scroll button Display Doorm. function

<0K>

change with

Door parameters - Switching the Doormatic function on/off

Switching the Doormatic function on and off

The Doormatic function permits the door release to be automatically actuated after a completed door call. If the Doormatic function is active, e.g. during surgery or business hours, this eliminates the need to manually actuate the door release every time.

This Doormatic function can be switched on and off from a telephone or additionally via a switch/time switch provided on site in conjunction with DCSF 600-... or directly at the DCA 650-... during programming. All switching points enjoy equal rights and can only be released or disabled centrally in the Doormatic release menu point.

Press the programming button to enable you to switch the Doormatic function on/off.

Using the scroll button, change between On and Off. In the default status, the Doormatic function is switched off.

Use the programming button to confirm the setting.

Using the Escape button, quit the submenu and by pressing the Escape button again, quit the Door parameters menu point.

Use the scroll button to reach the next menu point Public network parameters

ОК		Press the programming button
Doorm. function OFF	<0K>	Display
J		Press the scroll button
Doorm. function ON	<0K>	Display
OK		Press the programming button
Doorm. function change with	<0K>	Display
Esc Esc		Press the Escape button twice
Doormatic change with	User1 <ok></ok>	Display
(\mathbf{J})		Press the scroll button

Public network parameters - public network line code

Public network parameters

In the public network parameters submenu, the public network line code, the delay time when lifting the receiver (Pause off hook)

Public network line code

The public network line code depends on the TC system and can differ with different manufacturers. This number is used to connect to the public network. We have set the number "0" in the factory, as this is frequently used in many systems. However, if required any number from 0 to 9 as well as * or # can be set.

Press the programming button to be able to change the public network parameters.

Press the programming button to be able to change the public network line code for TC system 1.

Using the scroll button, change to the code you wish to use.

Press the programming button in order to save the displayed code number.

Using the scroll buttons, move to the public network line code for the 2nd telephone system (TCS), which can be operated as a subsystem to TCS 1.

Should you wish to dial from the DCA via TC system 1 and 2 into the public network, here, too, you will have to define a second public network line code (as described above).

change with

Pause off hook

change with

After you have defined the 2nd public network line code if required, scroll to the next submenu using the scroll button. and the start of the dialling process of the DCA 650-... operated at the TC system and call acceptance of the DCA 650-... are set.

1.3 Display Publ.nwk param. change with <0K> Press the programming button OK Display Ext. line TCS 1 change with <OK> Press the programming button OK Display Ext. line TCS 1 0 (0-9.*,#) < OK >Go on pressing the scroll button until the required public network line code is displayed Press the programming button OК Display Ext. line TCS 1 change with <OK> Press the scroll button Display Ext. line TCS 2

<OK>

< OK >

Press the scroll button

Public network parameters

- Pause off hook

- Pause after public network line code system 1/2

Pause off hook

Here, the time is defined which passes between lifting the receiver and start of the dial process (pause off hook) at the DCA 650-...

Press the programming button to allow the Pause off hook time to be changed.

Use the scroll button to set the Pause off hook time.

Using the programming button, confirm the time setting.

Use the scroll buttons to move to the next menu point

Pause to public network line code 1 or 2

must be added to the Pause off hook time. This is the time which passes before dual tone multiple frequency dialling takes place. The pause time of 1 sec. is generally sufficient in conjunction with modern TC systems. However, settings up to 3 secs. are possible. **The default setting is 1 sec.**

Press the programming button to allow the "Pause to public network line code 1" to be changed.

Using the scroll buttons, set the "Pause to public network line code 1" time.

Use the programming button to confirm the time setting

Use the scroll button to move to the next menu point

The pause off hook time of 1 sec. is generally sufficient in conjunction with modern telecommunication systems, but settings up to 3 secs. are possible.

The default setting is 1 sec.







ОК



Press the programming button

Display

Keep pressing the scroll button until the required time is displayed. Setting 1, 2 or 3 seconds. Press the programming button

Display

Press the scroll button

Display

Press the programming button

Display

Keep pressing the scroll button until the required time is displayed. Setting 1, 2 or 3 seconds. Press the programming button

Display

Press the scroll button

Public network parameters - Call acceptance

Call acceptance In the call acceptance menu point, it is possible to define the number of call signals which occur before the DCA 650 cuts into the call. If, for example, 5 call signals are set, and a call comes in to this terminal, 5 signals are transmitted to the DCA before the DCA 650 responds, in a similar way to an answering machine. The default setting is for no call acceptance to take place (Call acceptance None) The setting must be changed If the door opener is to be controlled with #61 or if remote control func- tions or extended control functions (only possible in connection with DCSF 600) are to be carried out, or for configuration changes, e.g. function #101.	Call acceptance change with	<0K>	Display
Press the programming button in order to change the number of call signals.	OK		Press the programming button
	Call acceptance <u>N</u> one	<ok></ok>	Display
Using the scroll button, set the required number of calls at max. 9.	1 1		Keep pressing the scroll button until the number of calls is set.
Using the programming button, confirm the set number.	OK		Press the programming button
	Call acceptance change with	<0K>	Display
Use the Escape button to quit the public network parameters menu point	Esc		Press the Escape button
	Publ. nwk. param. change with	<ok></ok>	Display
Use the scroll buttons to move to the next menu point, change concierge function.	\checkmark		Press the scroll button

Switching the concierge function on/off

Switching the concierge	1.4			
If the concierge function is switched on, all door calls which are trans- mitted to any optional user of the DCA 650 are rerouted to user 1. The concierge function can be switched on and off from a tele- phone, via a switch provided on site in conjunction with the DCSF 600 or directly at the DCA 650 during programming. All switching points carry equal priority. The concierge function is switched off in the default setting.	Concierge fct. change with	<ok></ok>	Display	
Press the programming button to change the concierge function.	OK		Press the programming button	
	Concierge fct. OFF	<ok></ok>	Display	
Use the scroll button to change between off and on as required.	\checkmark		Press the scroll button	
Using the programming button, confirm your setting.	ОК		Press the programming button	
	Concierge fct. change with	<0K>	Display	
With the Escape button, quit the concierge function menu point and so return to main menu 1.	Esc		Press the Escape button	
	1		Diaplay	
	System config. change with	<ok></ok>	ырнау	

Registering new users

active mode (see programming instructions BSG/BVSG 650-...).

Registering new users In this menu point, new users are registered. This involves the DCA 650 checking all the users connected to the line (max. 31 users	2 Register new user with <ok></ok>		Display
possible). Use the programming button to start the check. The DCA 650 checks	ОК		Press the programming button
automatically how many users are still free in the line (bus).	Register user Please wait		Display flashes
Once the maximum user number has been reached, this display appears. Use the programming button to return to the start of the menu.	No new user possible	<ok></ok>	Display when max. no. of users is reached. Press the programming button
If there are still free users available, after the number of new users you will be asked if you now wish to register. The default satting is 2	No. of new users 0 <u>3</u> new users	<ok></ok>	Only as many users can be selected as are still free.
users to be registered if there are still at least this many which may be connected.			
Using the scroll button, set the required number of users and confirm with the programming button	↓ OK		Press scroll button and/or programming button
The DCA 650 reserves storage space for the required number of users and sets up the system	Registr. running 03 new users		Display flashes
accordingly.			
At the BSG/BVSG 650, the programming mode button must be pressed in order to enter the programming mode (see program- ming instruction BSG/BVSG 650). This menu is only displayed if the programming mode is not active.	Switch on prog. mode at BSG		Press BSG/BVSG 650 prog. mode button Display flashes
	BTLM/BTLE active?	<0K>	Activate BTLM/BTLE Display no longer flashes when an BTLM/BTLE is active.
To allow the call buttons of the door loudspeaker to be assigned to a user, this must be switched to the			

Registering new users

"Point A"

Using the programming button, confirm the active status of the DL

With plugged-in telephone receiver HTS/BTS/BTC at the DCA 650-..., a speech connection exists to the active BTLM/BTLE, which is beneficial during programming. At this DL, the call button you wish to assign to user 1 must now be pressed for 4 secs (see programming instructions BSG 650-...).

The direct call number is a telephone number which is dialled when making a direct door call to the relevant user (in this case user 1). Max. 22 digits, any number possible between 0 - 9, *, #, and F (flash function only in the 1st position before the call no.). Using the scroll buttons and the cursor buttons, enter the required direct call number.

Pressing the programming button confirms the direct call number and returns you automatically to "Point A", in order to execute the call number assignment for the next user.

Press the programming button OK Display Assign call btn. for user 1 Hold down the call button for 4 secs. The display appears automatically. Display Direct call no. 1 <0K> Display Direct call no. 1 <0K> Press the scroll button to select the number and cursor button to switch to the next number. Press the programming button OK Display flashes! BTLM/BTLE active? <0K>

In case of parallel switching of a BTS/BTC 750-... to a DCA 650-... user

"Point A"

Use the programming button to confirm the active status of the door loudspeaker.

At the BTS/BTC 750-... you wish to program to the same call

button, pick up the receiver and press the light button until the call connection to the door is established.

At the DL, then press the call button you wish to assign as a user to the DCA 650 and BTS/BTC 750-... for 4 seconds.





Press the light button at the BTS/BTC 750-... for 4 secs. Do not replace the receiver!

Press the programming button

Hold down the call button for 4 secs. The display appears automatically.

Registering new users

The direct call number is a telephone number which is dialled when making a direct door call to the relevant user (in this case user 1). Max. 22 digits, any number possible between 0 - 9, *, #, and F (flash function only in the 1st position before the call no.). Using the scroll buttons and the cursor buttons, enter the required direct call number.

Pressing the programming button confirms the direct call number and returns you automatically to "**Point A**", in order to execute the call number assignment for the next user.

Using the programming button, confirm the active status of the user. Repeat the programming steps described above until all users have been assigned a call button.

At **"Point A"**, if required for call button assignment, it is possible to change to a different door loudspeaker by activating it.

If the programming mode is deactivated during user registration, the system quits the current menu point with a relevant message.

Quit the menu point using the Escape button. This returns you to main menu 2 "Registering new user".

Using the scroll button, move to the next main menu Change user configuration.



Changing the user configuration

User configuration

For each user, the configuration can be selectively changed or adjusted. However, for this the user must have first been registered as described in main menu 2.

For each user, the configuration points are drawn up in the form of submenus: Direct call number, chain call number, chain call function and ID tone on door calls can be defined or modified. In addition, the configuration data per user can be completely deleted.

Use the programming button to access the configuration menu for users, always starting with user 1.

Using the scroll/cursor buttons, select the user for which you wish to change the configuration. (e.g. user 1)

Using the programming button, confirm the selected user, for example user 1 and enter the first submenu point 3.1

3		
User config. change with	<0K>	Display
OK		Press the programming button
Config. change with	USER 1 <ok></ok>	Display
$(\uparrow) \downarrow$	>	Press scroll/cursor button
OK		Press the programming button
Config. change with	USER 1 <ok></ok>	Display

Dialling using code lock module COM 611-...

can be dialled using 1-8 digit numbers 2 Display Register new user with <0K> Press the programming button OK Display flashes! Registering users Please wait! Display No new users if the max. number of users is possible <OK> already allocated. Press the programming button Number of new users Only the maximum number of 03 new users <OK> available users can be entered. Press the scroll and/or programming OK button Display flashes Registration in progress! 03 new users Press the BSG/BVSG 650-... Switch on the prog. mode programming mode button at the BSG Display flashes Activate the BTLM by holding down BTLM/BTLE (4 secs.) the light button <0K> active? Display stops flashing when a BTI M is active.

Users at the telephone system

In conjunction with a code lock module COM 611-... it is possible to call the users of a telephone system by entering them at the code lock module via DCA 650-.... For this function, the BIM 650-02 is required. Programming for this is started at the DCA 650-...

Registering new users with COM 611-...

This menu point is used to register new users, during which the DCA 650-... tests all the users connected to the line (max. 31 users). A user is constituted for example by a telephone connected to the telephone system which you wish to be called from the door. The test routine is started using the programming button. The DCA 650-... automatically tests how many user slots are still available in the line (bus).

If free user slots are available, the system asks you the number of users you wish to register. The default value suggested by the system is 3 new users to be registered. Using the scroll button, set the number of users you wish to register and confirm using the programming button. The DCA 650-... reserves memory space for the required number of users and sets them up accordingly.

At the BSG/BVSG 650-... you must press the Prog mode button in order to enter the programming mode (see programming instructions BSG/BVSG 650-...). This menu is only displayed if the programming mode is not active. To allow the call buttons of the door loudspeaker to be assigned to a user, this door loudspeaker must be activated (see programming instructions BSG/BVSG 650-...)

Dialling using code lock module COM 611-...

Using the programming button, confirm the active status of the DL

With the BTS/BTC/HTS/HTC telephone receiver in position at the DCA 650-... a speech connection exists to the active BTLM, which is beneficial when programming. At the door station, now enter the numbers (1-8 digits) at the code lock module COM 611-... If you hear a negative acknowledgement tone, repeat the input.

The direct call number is a telephone number which is dialled when a door call is made to the relevant user (in this case user 1). Maximum of 22 digits, optional numbers 0 - 9, *, # and F (flash function only possible at the 1st digit before the call number).

Using the programming button, confirm the direct call number.

OK)

Assign call button for user 1



Direct call no. 1 _ <OK> OK BTLM/BTLE active? <OK>

OK

Assign call button for user

2

Enter the 1-8 digit code at the code lock module COM 611-..., confirm with bell symbol button until a long continuous tone is audible.

Press the programming button

Display

Enter the call number you wish to be dialled at the COM 611-... Press the scroll button in order to select the number and the cursor button to switch to the next number.

Press the programming button to confirm your input. Terminate the programming session by pressing the Prog button at the BSG/BVSG or programming other users.

Press the programming button to confirm your input.

Display flashes!

Enter other codes at the code lock module COM 611-..., confirm your input with the bell symbol button.

Programming additional users.

Repeat the input of additional users until all users you had selected at the start of programming have been entered.

Terminate the programming session by pressing the Prog Mode button at the BSG/BVSG 650-...

Dialling using display call module DRM 611-...

In conjunction with a display call module DRM 611-... it is possible to call the PBX extensions of a telephone system. For this function, the BIM 650-02 is required. After selecting a name at the DRM, the DCA 650-... dials the call number of the user at the telephone system. Programming for this function is started at the DCA 650-....

Registering new users with DRM 611-...

This menu point is used to register new users, during which the DCA 650-... tests all the users connected to the line. (max. 31 users). A user is constituted for example by a telephone connected to the telephone system which you wish to be called from the door. The test routine is started using the programming button. The DCA 650-... automatically tests how many user slots are still free in the line (bus). If free user slots are available, the system asks you the number of users you wish to register. The default value suggested by the system is 3 new users to be registered.

Using the scroll button, set the number of users you wish to register and confirm using the programming button. The DCA 650-... reserves memory space for the required number of users and sets them up accordingly.

At the BSG/BVSG 650-... you must press the Prog mode button in order to enter the programming mode (see programming instructions BSG/BVSG 650-...). This menu is only displayed if the programming mode is not active. To allow the call buttons of the door loudspeaker to be assigned to a user, this door loudspeaker must be activated (see programming instructions BSG/BVSG 650-...)

Selection of users at the telephone system takes place using a list of names stored in the DRM 611-... Prior to programming the DCA 650-... all the names must be stored at the DRM 611-... For this, use the programming instructions for the DRM 611-...

2		
Register new users with	<0K>	Display
ОК		Press the programming button
Registering users Please wait!		Display flashes!
No new users possible	<0K>	Display if the max. number of users is already allocated. Press the programming button
Number of new users 03 new users	<0K>	Only as many users can be selected as there are slots still available.
↓ (ок		Press the scroll and/or programming button
Registration in progress 03 new users	5!	Display flashes
Switch on Prog mode at the BSG		Press the BSG/BVSG 650 programming mode button Display flashes
BTLM/BTLE active?	<ok></ok>	Activate the BTLM by holding down the light button Display stops flashing when a BTLM is active.

Dialling using display call module DRM 611-...

Using the programming button, Press the programming button OK confirm the current status of the DL Display Assign call button for user 1 speech connection exists to the active BTLM. The name you wish to program at the DCA 650 is selected using the Maier Klaus buttons < and >. Then confirm your Schuhmacher Bernd Namensuche mit selection with the bell symbol. This is confirmed with the acknowledgement tone. Δ Enter the call number you wish to be Direct call no. 1 dialled when selecting the name <0K> from the DCA 650-.... Press the scroll buttons to select the number and the cursor button to switch to the next number. Press the programming button to OK confirm your input. Terminate the programming session by pressing the Prog button at the BSG/BVSG 650-... or programming additional users. Display flashes! BTI M/BTI F active? <0K> Press the programming button to OK confirm the input.

Assign call button

for user

2

Select additional names at the DRM 611-... , confirm your input with the bell symbol button. A confirmation tone is audible at the DRM 611-....

With the BTS/BTC/HTS/HTC receiver at the DCA 650-... in position, a

At this DRM 611-..., now select the name you wish to program, i.e. assign to a call number at the DCA 650-....

After selecting the name, the display of the DCA 650-... changes. The direct call number is a telephone number which is dialled when a door call is made to the relevant user (in this case user 1). Max. 22 digits, optional numbers 0 - 9, *, # and F (flash function only possible before the 1st digit of the call number)

Using the programming button, confirm the direct call number.

Program additional users.

The assignment of additional users is repeated until all users entered in the DRM 611-... have been programmed.

Terminate the programming session by pressing the Prog mode button at the BSG/BVSG 650-...

Changing the user configuration - Changing the direct call number

- Changing the chain call number



Changing the user configuration

- Changing the chain call function
- Changing the ID tone

Chain call function

In this menu point, the chain call function can be switched on or off in accordance with control function #810 or #811. (Only possible if the chain call number is defined)

If you wish to change the chain call function, press the programming button to confirm.

Use the scroll buttons to change between on and off.

Pressing the programming button confirms the setting and at the same time returns you to the start of menu point 3.3.

Use the scroll button to move on to menu point 3.4.

Changing the ID tone

For users 1 to 3, two different ID tones can be selected which differ from the call rhythm.

The ID tone is superimposed at a telephone which is called from the door after lifting the receiver, until acceptance of the door call (optional number 0 - 9)

If you wish to change the ID tone, press the programming button to confirm.

Use the scroll button to change between ID tone 1 and 2.

Pressing the programming button confirms the setting and returns you at the same time to the start of menu point 3.4.

Using the scroll button, return to menu point 3.5.

	3.3		
all off ction	Chain call no. change with	USER 1 <ok></ok>	Display
n call ng	OK		Press the programming button
	Chain call fct. off	USER 1 <ok></ok>	Display
le	1		Press the scroll button
same	OK		Press the programming button
	Chain call fct. change with	USER 1 <ok></ok>	Display
on to	J		Press the scroll button
	3.4		
ID ffer	ID tone change with	USER 1 <ok></ok>	Display
a the Intil tional			
ne, to	OK		Press the programming button
	ID tone 1 (1-2)	USER 1 <ok></ok>	Display
9			Press the scroll button
on Is you f	ОК		Press the programming button
to	ID tone change with	USER 1 <ok></ok>	
	\bigcirc		Press the scroll button

Changing the user configuration - Deleting users Changing the In-Home bus configuration - Changing the call button assignment

Deleting users	3.5			
In order to ensure scope for later expansion, only data of actually assigned users should be stored in the DCA 650	Delete change with	USER 1 <ok></ok>	Display	
If more users have been registered than actually exist, those which are not required should be deleted. Only the user which is currently indicated in the display window can be deleted.				
In order to delete the user, press the programming button.	ОК		Press the programming button	
	Delete No	USER 1 <ok></ok>	Display	
Use the scroll buttons to change between "no" and "yes".	(\mathbf{I})		Press the scroll button	
Pressing the programming button confirms the setting and returns you automatically to main menu 3.	ОК 2		Press the programming button	
If required, the user configuration must be performed for each user individually as described under point 3.	User config change with	<0K>	Display	
Changing the In-Home bus	4			
Configuration On principle, a user must always be already registered in the DCA 650- (main menu 2) The	YR bus function change with	<ok></ok>	Display	
configuration points are subdivided into the following submenus: Change call button assignment, direct door selection and BSM actu-				
ation. With the scroll buttons, it is possible to scroll through the submenus.	1 1		Press the scroll button	
Changing the call button assignment Use the programming button to move to menu point 4.1, Call button	OK		Press the programming button	
assignment change. The system always begins with user 1.	4.1 Call btn assignm change with	<ok></ok>	Display	
Use the programming button to move to the user selection window.	OK		Press the programming button	

Changing the In-Home bus configuration - Changing the call button assignment

	Call btn change with	USER 1 <ok></ok>	Display
Point "B" Using the scroll/cursor buttons, it is possible to select the user whose call button assignment you wish to change (e.g. user 1)	() () () () () () () () () (>	Press the scroll button
Using the programming button, confirm the selected user (e.g. User 1). You are then asked to switch on	OK		Press the programming button
by the programming mode at the BSG/ BVSG (see programming instructions BSG/BVSG 650 Fig. 4).	Switch on prog. mode at BSG		Display flashes
Here, other call buttons can be	BTLM/BTLE active?	<0K>	Press Prog-Mode button at the BSG/BVSG 650 Display flashes
assigned for already registered users (e.g. several call buttons of one DL call the same user or one user is called by several DLs).			
lo allow the assignment of door loudspeaker call buttons to be	BTI M/BTI F		Activate BTLM/BTLE
changed, this door loudspeaker must be switched to the active mode (see programming instructions BSG/BVSG 650).	active?	<ok></ok>	Display stops flashing
Using the programming button, confirm that the door loudspeaker is active.	ОК		Press the programming button
Where applicable, any parallel devices (BTS/BTC/BNS) must be activated.	Assign call btn. for user	1	Display flashes
assign to this user.	Call btn assigned	USER 1 <ok></ok>	Press call button at the door loudspeaker
Pressing the programming button confirms the assignment and returns you automatically to Point "B" in	ОК		Press the programming button
the submenu.	Call btn change with	USER 1 <ok></ok>	Display
If required, change the call button assignment for the required user. Use the Escape button to quit this	Esc		Press the escape button
submenu and move to submenu 4.2 Direct door selection using the scroll button.	(1)		Press the scroll button

Changing the In-Home bus configuration - Direct door selection

Direct door selection

A maximum of 3 door loudspeakers can be actuated by means of direct selection. Direct selection is only possible if the number >0 has been saved for call acceptance, which is defined under 1.3, public network parameters. If a selection PIN has also been programmed, this must also be entered additionally before the door selection number. Press the programming button to reach **Point "C"**, the door selection numbers. These are defined as follows: Door 1 with #71, door 2 with #72 and door 3 with #73.

Use the scroll button to change to the required door.

Confirm this selection with the programming button.

Only when the programming mode is not active, will you be asked at the BSG/BVSG to switch on the programming mode (see programming instructions BSG/BVSG 650-...). To allow the door loudspeaker to be recognized, for example as door 1, this must be activated (see programming instructions BSG/BVSG 650-...)

Press the programming button to confirm that the door loudspeaker is active.

Press the programming button saves the setting and returns you to **Point** "C" in the submenu. If required, define the doors for direct selection.

Quit this submenu with the Escape button and

Press the scroll button to reach submenu 4.3 BSM actuation

4.2		Dist
Dir. door select change with	<ok></ok>	Lispiay
ОК		Press the programming button
Door select. change with	# 71 <ok></ok>	Display
		Press the scroll button
OK		Press the programming button
Switch on prog. mode at BSG	<ok></ok>	Display flashes
BTLM/BTLE active?	<0K>	Press Prog. mode button at the BSG/BVSG 650 Display flashes Activate BTLM/BTLE
BTLM/BTLE active?	<0K>	Display stops flashing
ОК		Press the programming button
Door select. save	#71 <ok></ok>	Display
ОК		Press the programming button
Esc		Press the escape button
$\overline{(\mathbf{\downarrow})}$		Press the scroll button

Changing the In-Home bus configuration

- Changing BSM/BSE actuation

BSM/BSE actuation

A maximum of 6 control functions can be initiated via BSM 650-... using the numbers #51, #52 to #56. The relays are assigned in menu point 4.3 to the control numbers. See product information BSM/ BSE 650-...

Press the programming button to reach the control functions Point "D".

Change to the required control function using the scroll button.

You are asked at the BSG/BVSG to switch on the programming mode (see programming instructions BSG/BVSG 650-...).

Only when the programming mode is not active.

Activate the relay which is to be assigned, for example, to control function #51 (see prod. information BSM/BSE 650-...)

Using the programming button, confirm that the relay is active. Pressing the program again stores the control function and returns you automatically to point "D".

Once you have defined all the necessary control functions, step back to the main menu 4 with the Escape button.

Pressing the scroll buttons brings you to the next main menu 5, Change service functions.

Λ		2
4	•	J

1.3		Display		
BSM actuation change with	<ok></ok>			
OK)		Press the programming button		
Control fct. change with	#51 <ok></ok>	Display		
J		Press the scroll button		
Switch on prog. mode at BSG	<ok></ok>	Display flashes Press Prog-Mode button at the		
BSM relay active?	<ok></ok>	Display flashes		
BSM relay active?	<ok></ok>	Activate BSM relay Display stops flashing		
ОК		Press the programming button		
Control fct. save <ok></ok>	#51	Display		
Control fct. change with	#51 <ok></ok>	Press the programming button Display		
Esc Esc		Press Escape button twice		
YR bus function change with	<ok></ok>	Display		
V		Press the scroll button		

Changing service functions - Default status

Changing service functions In this menu, it is possible to set the basic status, to define door call acceptance with DTMF dialling	5 Service function change with <ok></ok>		Display
numbers 0-9, to switch the service handset on/off for door calls and check call button assignments.			
If you wish to change service functions, press the programming button to confirm.	OK		Press the programming button
Default status	5.1		
Here, it is possible to reset the DCA 650 to its as-delivered status.	Default status change with	<0K>	Display
Press the programming button to allow you to change to the Default status.	ОК		Press the programming button
	Default status No	<ok></ok>	Display
Use the scroll buttons to change between Default status "Yes" and "No". Pressing the programming	(↓ (ок		Press the scroll button Press the programming button
button confirms your setting and returns you at the same time to the start of menu point 5.1.	Default status change with	<ok></ok>	Display
Use the scroll button to move on to menu point 5.2	(1)		

Initialization

The initialization described in the following is only necessary if this is requested when programming in the display.

Leave the system unchanged and switch off the power. Press the "Prog-Mod" button at the BSG/BVSG 650-... and hold it down. Switch on the power and do not release the Prog Mod button until after the flashing frequency of the LED in the BSG/BVSG 650-... has clearly slowed down (after 3-4 secs.). This completely empties the memory of the BSG/BVSG and re-initializes the system.

Changing service functions - Door call acceptance

Door call acceptance

After a door call has been made, it can be accepted by picking up the receiver and entering any multiplefrequency dialling digit from 0-9.

As-delivered status

(recommended operating mode)

Pressing the programming button takes you to the Door call acceptance selection menu "with DTMF" or "without DTMF" input.

If the operating mode Door call acceptance without DTMF is selected, the call signal length and chain call length must be suppressed for technical reasons (disabled) in the door parameters menu.

In the operating mode "Door call acceptance without DTMF", no chain call function is possible, and audible tones are noticeable at the door loudspeaker. In addition, in this mode it makes no sense to switch additional devices (BTS/BTC/BNS) in parallel.

The existing settings are retained.

Pressing the programming button confirms your setting and returns you at the same time to the start of menu point 5.2.

it ne le-	5.2			
	Door call acceptance change with	<ok></ok>	Display	
n IF"	OK		Press the programming button	
	Door call acceptance with DTMF	<ok></ok>	Display	
	(1)		Use the scroll button to change between "with DTMF" and "without DTMF" input.	
ons ters				
I				
d ne this h				
n s of	OK		Press the programming button	
	Door call acceptance change with	<0K>	Display	

Changing service functions

- Service receiver

- Call button assignment



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