SSS SIEDLE

**Programming
Instructions**
AC 3000-01

English
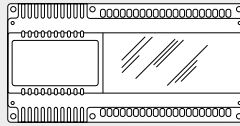
Contents

Amplifier Controller 3000-01
General remarks
Call number assignment

The Intercom System is programmed in dialogue with the operator using a display-supported system.
In order to ensure fast, correct programming, before entering data, the operator should ensure that the system has been completely installed and correctly connected to the mains.
The entire Intercom System, i.e. all the components connected to the bus, can be programmed from any optional SIC/ICI 3000-01. This means that the AC 3000-01 can be programmed from any call station of your choice.
In order to prevent unauthorized access to the programming menu, this is protected by a code word.

Call number assignment
All new instruments are set in the factory for the call number „00". In order to allow programming of an Amplifier Controller, the instrument must first be given its own call number. The assignment of call numbers is performed by setting the rotary switch at the AC 3000-01. The call number can be assigned using the rotary switches for tens and units within the range „0 - 99". There is a status LED underneath the two rotary switches. This flashes when a different unit connected to the same bus already exists with the same number. If the status LED does not turn off after setting the call number, but continues to flash, an inadmissible number has been assigned, i.e. one that is already taken. In the case of single-bus systems, depending on how the call number length has been determined, the entered number either remains with two digits or is automatically supplemented by the two digits „00" in front. In the case of multiple bus systems, the call number of all call stations always has four digits. The 2-digit AC call number is automatically supplemented by a prefix which is the same as the 2-digit bus number, e.g. AC call number „10" at bus number „20" results in the AC call number „2010".

Remark
The assignment of call numbers can be performed when the system is either connected or disconnected from the mains. Read-in of the new call numbers is performed automatically, no reset process is therefore necessary.

Remote programming
Programming remark

Remote programming
All the units connected to the system bus can be programmed using any optional SIC/ICI 3000-01 Intercom call station.
The condition for remote programming is the correct

assignment of a call number for each unit. This is particularly important to note when first putting the system into service. If the power supply fails for one or both call stations during programming, both units return

to the starting status after an automatic reset.

Programming remark
In the programming menu of the AC 3000-01, the menu points appear in the sequence indicated on page 35. It is possible to scroll forwards through the menu with the R button, and backwards using the F button. In the sub-menus for configuration

selection, the R button is used to scroll forwards, while the F button takes you back to the previous menu point in the main menu.
In all menus, it is possible to change the menu point to the required function by entering „ 0, 1" or a sequence of numbers.

Inputs do not have to be confirmed. When scrolling forwards, automatic intermediate storage of the inputs takes place. After leaving the programming mode (with the C button), the inputs are taken over into the memory by an automatic unit reset.

If you do not wish to change the value indicated in the display, scroll onwards **or**

$(R)/(F)$

R button scrolls forwards
F button scrolls back

change the value and then scroll onwards

$(0)/(1)/\text{⠿}$

Enter "0, 1" or a number sequence

$(R)/(F)$

R button scrolls forwards
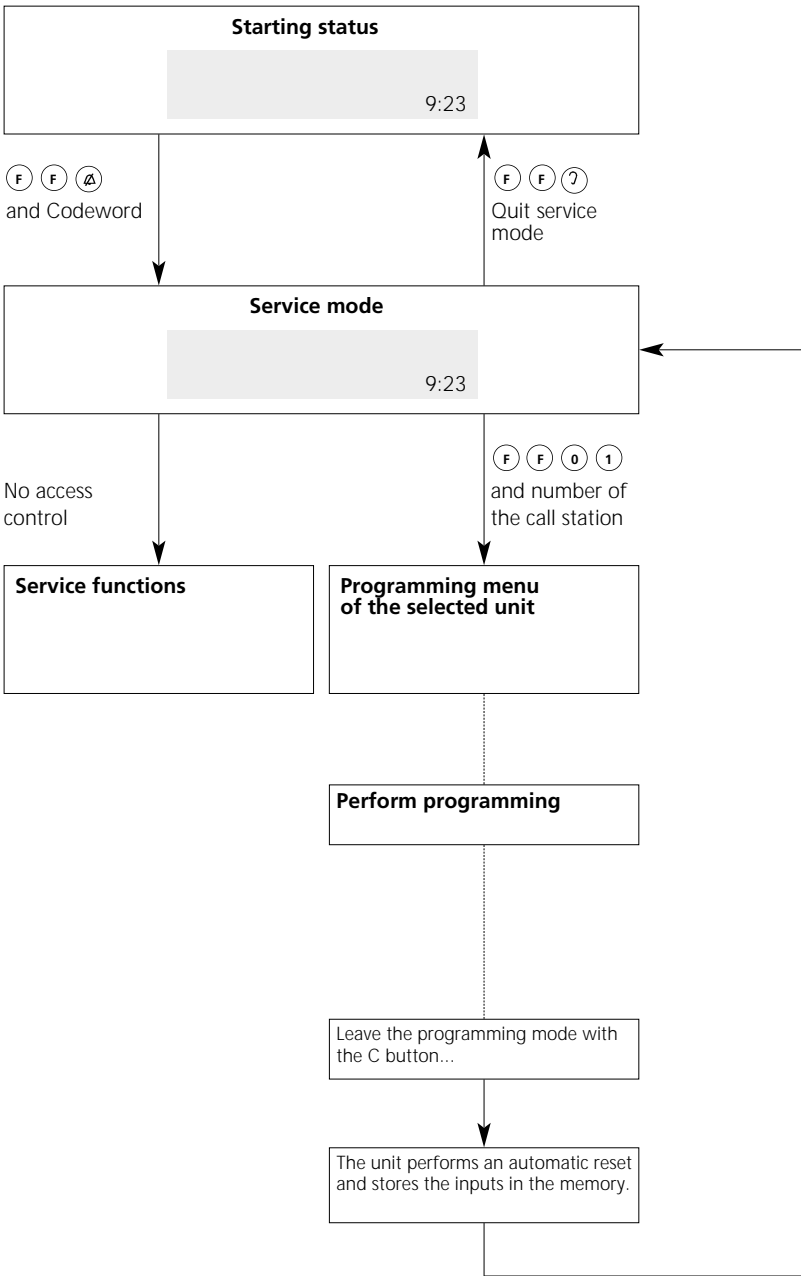F button scrolls back

or

Remark
This procedure is identical for every point appearing in the programming menu.

$(R)/(F)$

In the submenus for configuration selection:
R button scrolls forwards
F button scrollls back into the main menu

Programming structure SIC/ICI 3000-01

```
┌─────────────────────────────────────────────────┐
│                Starting status                   │
│                                                  │
│                                     9:23         │
└─────────────────────────────────────────────────┘

  (F) (F) (⚠)                        (F) (F) (?)
  and Codeword                       Quit service
                                     mode

┌─────────────────────────────────────────────────┐
│                 Service mode                     │
│                                                  │
│                                     9:23         │
└─────────────────────────────────────────────────┘

                                     (F) (F) (0) (1)
  No access                          and number of
  control                            the call station

┌────────────────────────┐  ┌──────────────────────┐
│  Service functions     │  │ Programming menu     │
│                        │  │ of the selected unit │
│                        │  │                      │
│                        │  │                      │
└────────────────────────┘  └──────────────────────┘

                            ┌──────────────────────┐
                            │ Perform programming  │
                            │                      │
                            └──────────────────────┘

                            ┌──────────────────────────────┐
                            │ Leave the programming mode with │
                            │ the C button...                 │
                            └──────────────────────────────┘

                            ┌──────────────────────────────┐
                            │ The unit performs an automatic reset │
                            │ and stores the inputs in the memory. │
                            └──────────────────────────────┘
```

Switching the service mode on and off

In order to branch into the programming mode of the AC 3000-01, it is first necessary to change into the service mode. Entry into the service mode is protected by password. On delivery, the code word 1000 is set as a default value.

Note
If the code word is entered 3x incorrectly in consecutive sequence, the SIC/ICI 3000-01 is disabled for around 6 minutes.

Switching on the service mode
Remark:
The interval between pressing 2 buttons must not exceed 1.5 seconds. Your input must therefore be made quickly.

(F) (F) (⌀)

Press the F button 2x and press the call disable button.

Function

The display changes from

System

to

Note
If no input is made for a period of around 10 minutes in the service mode, or if you do not branch into the programming menu, the service mode is automatically deactivated.

| Service mode |
| Code word ? |

and

(1) (0) (0) (0)

Enter the default (1000) or personal code number

| Service mode |
| Code word ? #### |

Display

| Service mode |
| active |

Display

Switching off the service mode
Remark:
The interval between pressing 2 buttons must not exceed 1.5 seconds. Your input must therefore be made quickly.

(F) (F) (ʃ)

Press the F button 2x and press the listen-in button

Function

The display changes from

System

to

| Service mode |
| passive |

and

Switching the programming mode on and off

If you wish to change the default or personalized programming of any particular call station, this is only possible in the programming mode.

It is only possible to branch into the programming menu if every call station you wish to program already has its own call number. Before it is possible to activate

programming of the AC 3000-01, the SIC/ICI 3000-01 from which programming has to take place must be switched into the service mode.

Switching on the programming mode

The programming menu of the AC is activated by pressing "F, F, 0, 1" and the call number of the AC 3000-0. Remote programming of a different unit, e.g. SIC, BC, is carried out by entering its call number.

$(F)(F)(0)(1)$

Enter numbers "F, F, 0, 1"
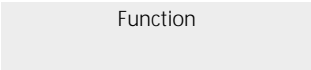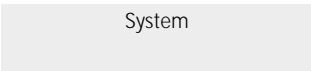
Function

The display changes from

System

to

Remark:
The interval between pressing 2 buttons must not exceed 1.5 seconds. Your input must therefore be made quickly.

Configuration	
Call number	----
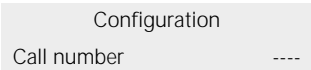
and

Enter the call number of the unit you wish to program (e.g. 4)

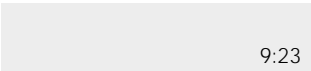| Configuration	
Call number	---4
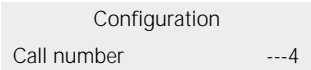
Switching off the programming mode

To terminate the programming sequence, leave the programming mode by actuating the C button.

(C)

Press the C button

The AC now performs an automatic reset and is then ready for operation.

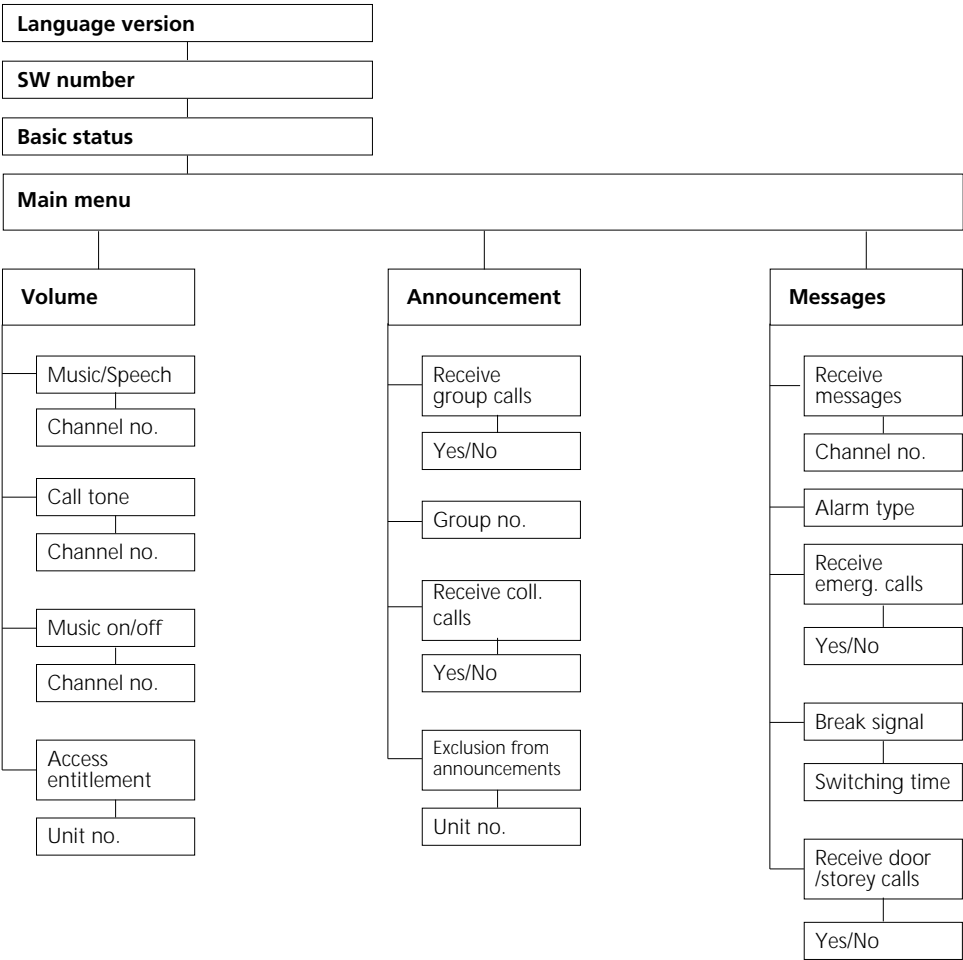|	
	9:23

Display

After the reset, you are back in the service mode and can continue by programming another unit at the system bus by reactivating the programming mode with the new call number.

Note
After completion of programming, switch off the service mode manually. This safeguards against unauthorized access before the system automatically switches off the programming mode (appr. 10 minutes).

Programming structure AC 3000-01

Language version

SW number

Basic status

Main menu

Volume	Announcement	Messages
Music/Speech	Receive group calls	Receive messages
Channel no.	Yes/No	Channel no.
Call tone	Group no.	Alarm type
Channel no.	Receive coll. calls	Receive emerg. calls
Music on/off	Yes/No	Yes/No
Channel no.	Exclusion from announcements	Break signal
Access entitlement	Unit no.	Switching time
Unit no.		Receive door /storey calls
		Yes/No

Programmable menu points

Programmable menu points	Programming possibilities	Default setting
Language version	D, GB, F, NL, DK, I	German
Software status/Call number	---	---
Basic status	yes/no	no

Main menu 0= Volume 1= Announcements 2= Messages

Volume menu

• Channel number for music and speech volume	1- 254	0
• Channel number for call tone volume	1- 254	0
• Channel number for music on/off	1- 254	0
• Access entitlement (max. 8 inputs)	0 - 9999	0000

Announcement menu

• Entitlement to receive group calls	yes/no	yes
• Group assignment	1 - 9	1
• Entitlement to receive collective calls	yes/no	yes
• Exclusion from receiving announcements (max. 8 inputs)	0 - 9999	----

Messages menu

• Receive messages (max. 8 channels)	1 - 254	----
• Receive alarm types (max. 3 inputs)	1 - 3	----
• Entitlement to receive emergency calls	yes/no	no
• Break signal table (max. 8 switching times)	---	---
• Entitlement to receive door/storey calls	yes/no	no

Volume control speech/music

Operating the volume control
To permit the volume to be altered, entitlement must have been granted. This is entered in the access table in the volume submenu.

Remark:
Volume control for music and speech is performed using the same channel number. For speech volume, adjust during a speech connection, for music volume when in the idle status.

Volume is set digitally in 16 stages. This means that it may be necessary to repeat this function several times to set the volume you require. On the lowest volume setting, the call tone volume is switched off altogether.

Basic volume control
The basic volume setting is set in the factory to a mean value and must be adjusted if required

using a small screwdriver. The potentiometer for basic setting is marked at the upper connecting terminals with „Level". It is

possible to alter the volume as described below around this basic value.

Speech volume
You wish to alter the speech volume. Press the button F1 or F2, and then enter the channel

number defined for music/speech during programming in the „Volume submenu".

The speech volume can only be altered during an existing call.

$$\left(F\right)\ \left(1\right)\ \vdots$$

Press F, button 1 and then enter the channel number for a higher volume.

$$\left(F\right)\ \left(2\right)\ \vdots$$

Press F, button 2 and then enter the channel number for a lower volume.

Volume control speech/music
Music on/off

Music volume
You wish to alter the music volume. Press the buttons F, 1 or F, 2, and then enter the channel number defined for music/speech during programming in the „Volume submenu".

The music volume can only be altered when there is no existing call and when the music function is switched on.

F 1   Press F, button 1 and then enter the channel number for a higher volume.

F 2   Press F, button 2 and then enter the channel number for a lower volume.

Music on/off
If you wish to switch the music on or off, press the buttons F, 1 or F, 2 and then the channel number which was defined during programming in the sub-menu for music volume on/off.

F 1   Press F, button 1 and then enter the channel number for music on.

F 2   Press F, button 2 and then enter the channel number for music off.

Volume control call tone
Speech control of the AC 3000-01

Volume control calling tone
If you wish to alter the volume of the call tone, press the buttons F, 1 or F, 2 and enter the channel number defined during programming in the „volume submenu" for the call tone.

The call tone volume can only be altered when there is no call in progress.

$$\boxed{F} \quad \boxed{1}$$

Press F, 1 and the channel number for a higher volume.

$$\boxed{F} \quad \boxed{2}$$

Press F, 2 and the channel number for a lower volume.

Speech control
The AC 3000-01 is an amplifier unit without a keypad. It is therefore only possible for a call to be held between the SIC and an AC

in semi-duplex operation. The call must be manually controlled from a SIC using the Tiptronic button.

Call the AC, for example with the number 2003.

Enter the call number of the AC

At the called AC, a call signal sounds and the unit is automatically switched for speech. At the MVI 3000-0 connected to the AC, the green voice direction LED lights up. At the same time, the microphone disable LED lights up at the SIC.

> AC connection
> Call number 2003

Display

Ø
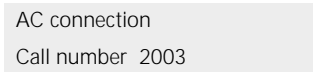
LED lights up

By actuating the Tiptronic button at the SIC/ICI the speech direction of both units can be reversed.

$$\boxed{\blacktriangleright}$$

Actuate the Tiptronic button in order to change the speech direction.

By pressing the „C" button, or putting down the receiver, the call is terminated and the semi-duplex mode is switched back off again.

$$\boxed{C} \quad / \quad \text{receiver symbol}$$

Press the C button or replace the receiver.

Language

Speech
To select the language, enter the required code letter.

Deutsch = 0

Code number: 0

Display changes continuously from

English = 1

Code number: 0

to

Français = 2

Code number: 0

and

Nederlands = 3

Code number: 0

and

Dansk = 4

Code number: 0

and

Italiano = 5

Code number: 0

and

Enter the required code number

R button scrolls forwards
F button scrolls back

Software status/Own call number
Basic status

Software status
Own call number
Under this menu point, the software version and the call number set at the AC are displayed. The AC call number is automatically supplemented here by prefixing the bus number.

113560	2.00	XX
AC3000		2002

Display
(e.g. AC call number 2002)

R / F

R button scrolls forwards
F button scrolls back

Remark
This menu point exercises a pure display function. For this reason, no changes or inputs can be made. The call number of the AC is changed by setting the rotary switch at the AC itself.

Basic status
If the basic status is activated by entering „1" and if the programming mode is quitted with the C button, all menu points of the unit revert to the default basic status.

Basic status
Code number: 0

Display changes continuously from

0 = no, 1 = yes
Code number: 0

to

0 / 1

"0" not to activate the basic status
"1" to activate the basic status

R / F

R button scrolls forwards
F button scrolls back

Main menu
Volume

Main menu
From this programming level, it is possible to change into the sub-menu of your choice by entering the relevant code number.
The programming structure on page 34 provides a survey of the submenus on the right.

| Volume = 0 |
| Selection: 0 |

Display changes continuously from

| Announcements = 1 |
| Selection: 0 |

to

| Messages = 2 |
| Selection: 0 |

and

Remark: In all the submenus for configuration selection, it is possible to scroll forwards and back with the R or F button.

⠿⠿

Enter required code number

(R)/(F)

R button scrolls forwards
F button scrolls back

Deleting inputs
Using the door release button, the inputs indicated in the display can be deleted.

⎓⁰

Delete inputs with the door release button

Volume
The volume levels for music/speech and call tone are adjusted digitally in 16 stages. Both volume control and music on/off are effected by means of remote control functions.

⠿⠿

Enter required code number

(R)/(F)

R button scrolls forwards
F button scrolls back

Only the units entered in the access table can perform the volume control and the music on/off functions using F1 or F2 and the channel number.

Remark:
If it is not possible to set the optimum volume for local circumstances, this may be possible by changing the basic volume as described above.

Volume
Music/Speech

Volume
In order to change the channel number for music/speech volume, enter the number „0".

| 0 = Music/Speech |
| Volume: 0 |

Display changes continuously from

| 1 = Call tone |
| Volume: 0 |

to

| 2 = Music on/off |
| Volume: 0 |

and

| 3 = Access table |
| Volume: 0 |

and

⠿ / (R)

Enter the required menu point and press the R button

Music/Speech
Using the channel number entered here, the music and speech volume is controlled by means of remote control functions.

| Music/speech |
| Channel number: 000 |

Display changes continuously from

| Volume |
| Channel number: 000 |

to

In the idle status, this channel number is used to change the music volume, while the speech volume is adjusted during an existing speech connection.

⠿ / (⌐0)
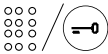
Enter the required channel number or
delete the existing input using the door release button

Pressing the F button returns you to the previous menu.

(F)

Press the F button

Volume
Call tone

Volume
In order to alter the channel number for the call tone volume, enter the number „1".

| 0 = Music/Speech |
| Volume: 0 |

Display changes continuously from

| 1 = Call tone |
| Volume: 0 |

to

| 2 = Music on/off |
| Volume: 0 |

and

| 3 = Access table |
| Volume: 0 |

and

Enter the required menu point and press the R button

Call tone
Using the channel number entered here, the call tone volume is adjusted by means of remote control functions. At the lowest setting, the call tone is switched off.

| Call tone |
| Channel number: 000 |

Display changes continuously from

| Volume |
| Channel number: 000 |

to
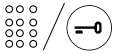
The call tone volume can only be adjusted using this channel number when in the idle status.

Enter the required channel number or delete the existing entry with the door release button.

Pressing the F button returns you to the previous menu.

Press the F button

Volume
In order to change the channel number for the music switching function, enter the number „2".

0 = Music/Speech
Volume: 0

Display changes continuously from

1 = Call tone
Volume: 0

to

2 = Music on/off
Volume: 0

and

3 = Access table
Volume: 0

and

⁰°° / (R)

Enter the required menu point and press the R button

Music on/off
With the channel number entered here, the music is switched on/off using the remote control function.

Music on/off
Channel number: 000

Display

°°° / (🔑)

Enter the required channel number or use the door release button to delete the existing entry

Pressing the F button returns you to the previous menu.

(F)

Press the F button

Volume
Access table

Volume
To change the access table, enter the number „3".

| 0 = Music/Speech |
| Volume: 0 |

Display changes continuously from

| 1 = Call tone |
| Volume: 0 |

to

| 2 = Music on/off |
| Volume: 0 |

and

| 3 = Access table |
| Volume: 0 |

and

  (R)

Enter the required code number and press the R button.

Access table
To define the units you wish to have access to the volume control or music on/off functions, the access table must be processed completely. On delivery, all 8 possible inputs are set to 0000, making all units entitled to access these functions.

| Access address |
| Volume 1/8 0000 |

Enter the access address, scroll to the next access address with the R button or delete the access address using the door release button.

(R) / (R) / (=0)

Pressing the F button takes you back to the main menu.

(R) / (F)

R button scrolls forwards
F button scrolls back

Example: a

| Access address |
| Volume 1/8 0000 |

Access entitlement for all units

Example: b

| Access address |
| Volume 1/8 1200 |

Bus-related access entitlement (all units at bus no. 12)

Example: c

| Access address |
| Volume 1/8 1253 |

Access entitlement for individual units (unit 53 at bus 12)

Important
If one of the 8 inputs is set to „0000", all connected units have access to the volume control function.

Announcements

Announcements
It is possible to receive group and collective announcements through the AC 3000-01. In this menu, receive entitlement and group assignment are defined. In addition, the units are defined from which no group or collective announcements can be initiated via the AC.

From the main menu, selecting „1 = Announcement" brings you to the announcements menu.

The following functions can be entered in the relevant adjacent menu points:

Group call
Receive entitlement

| 0 = Rec. group call |
| Announcement: 0 |

Display changes continuously from

Group assignment for announcements

| 1 = Group number |
| Announcement: 0 |

to

Collective call
Receive entitlement

| 2 = Rec. coll. call |
| Announcement: 0 |

and

Units excluded from receiving announcements via this AC

| 3 = Exclusion no. |
| Announcement: 0 |

and

Enter the required menu point

R button scrolls forwards
F button scrolls back

20

Receiving group calls
Group assignment

Receiving group calls
If you do not wish the AC to be capable of receiving group calls, receive entitlement must be disabled.

Group call
Code number: 1

Display changes continuously from

Receive entitlement
Code number: 1

to

0 = no, 1 = yes
Code number: 1

and

(0)/(1)

"0" = receive no group calls
"1" = receive group calls

(R)/(F)

Scroll forwards with the R button
Scroll back with the F button

Group assignment
The AC can be entitled to receive group announcements from all 9 groups or from individual groups.

In the adjacent menu, it is possible to define assignment of the AC to one or more groups.

Groups
Group call 1/9 1

Display changes continuously from

Assignment
Group call 1/9 1

to

Enter the group number to which you wish the unit to belong.

Enter the required group number (1-9)

(R)/(F)

Scroll forwards with the R button
Scroll back with the F button

Receiving collective calls
Announcement exclusion

Receiving collective calls
If you do not wish the AC to receive any collective calls, entitlement must be disabled.

| COLLECTIVE CALL |
| Code number: 1 |

Display changes continuously from

| RECEIVE ? |
| Code number: 1 |

to

| 0 = no, 1 = yes |
| Code number: 1 |

and

(0)/(1)

"0" = no entitlement
"1" = receive collective calls

(R)/(F)

R button scrolls forwards
F button scrolls back

Announcement exclusion
To avoid feedback with the AC, announcements must not sound in the room in which they are initiated. Up to 8 units or buses can be disabled for this purpose.

The adjacent menu is used to disable units/buses, as indicated on the example on page 45.

| Exclusion no. |
| Call no.1/8   ---- |

Display changes continuously from

| for announcements |
| Call no.   1/8   ---- |

to

Enter the unit or bus numbers which you wish to exclude.

Enter required group no. (1-9)

(R)/(F)

R button scrolls forwards
F button scrolls back

Messages

Messages
This menu is used to determine which messages and which alarm types should be acoustically signalled. In addition, the emergency call and door/storey receive entitlement are defined. A break signal table with up to 8 entries permits signalling on a time-controlled basis. Access the messages menu from the main menu by selecting „2=Messages".

Remark:
For time-dependent control functions in the Siedle Intercom System, we recommend additionally installing a quartz system clock CLK 3000-0.

The following functions can each be entered in the adjacent menu points:

Entering the channel number for messages

0 = Message
Message: 0

Display changes continuously from

Entering alarm types

1 = Alarm type
Message: 0

to

Emergency call
Receive entitlement

2 = Emergency call
Message: 0

and

Input of times for
break signal

3 = Break
Message: 0

and

Door/ storey call
Receive entitlement

4 = Door / storey call
Message: 0

and

Enter the required menu point

R button scrolls forwards
F button scrolls back

Messages
The AC can be entitled to receive a max. of 8 messages. When a message is received on a channel which has been enabled at the AC, this is signalled acoustically.

The message appears in the display of the programmed SIC (see programming message texts, SIC/ICI 3000-01).

| Receiving channel |
| Message 1/8 --- |

Display

Enter the channel number from which you wish the messages to be signalled.

Enter the required channel number

R button scrolls forwards
F button scrolls back

(R) / (F)

Alarm type
The AC can be entitled for all 3 alarm types, whereby the acoustic signal is the same for all alarm types. The plain language text appears in the programmed SIC (see programming message texts, SIC/ICI 3000-01).

Enter the alarm type you wish to be signalled.

| Receive alarm 1..3 |
| Alarm type 1/3   - |

Display

Enter the required alarm type (1-3)

R button scrolls forwards
F button scrolls back

(R) / (F)

Entitlement to receive emergency calls
Break signal

Receiving emergency calls
If you wish the AC to be able to receive emergency calls, entitlement must be granted.

Receive emerg. calls
Code number: 0

Display changes continuously from

0 = no, 1 = yes
Code number: 0

to

0 / 1

"0" = no entitlement
"1" = receive emergency calls

R / F

R button scrolls forwards
F button scrolls back

Break
Up to 8 times can be entered at the AC at which a break signal sounds. A choice of six different signals is offered.

Enter the time at which you wish an acounstic signal to be sounded.

Time input
Break   1/8 --:--

Display

Enter required time
hours : minutes

To enter or alter the signal type, scroll on using the R button or back using the F button to the main menu.

R / F

R button scrolls forwards
F button scrolls back

The top line of text indicates the available signal types.

0 = Signal tone
Break   1/8 0

Display

Enter the required break signal type (0-5)

R / F

R button scrolls forwards
F button scrolls back

Remark:
For time-dependent control functions in the Siedle Intercom System, we recommend additionally installing a quartz system clock CLK 3000-0.

Door and storey parallel call
Receive entitlement

Door loudspeaker parallel call entitlement
If you wish a call button actuated at the door loudspeaker (or SMF) to sound at several intercoms and at the AC, the AC must be given the relevant entitlement.

Remark:
Initiation of a parallel call when pressing a call button is perfomed by programming the TLC or SFM 3000-01.

If a door call is received, a 3-tone chime is automatically actuated at the AC, while for a storey call a 2-tone chime sounds.

DL parallel call
Code number: 0

Receive ?
Code number: 0

0 = no, 1 = yes
Code number: 0

(0)/(1)

(R)/(F)

Display changes continuously from

to

and

"0" = no
"1" = yes

R button scrolls forwards
F button scrolls back

Index of key terms